

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029942.D
 Acq On : 11 May 2021 14:34
 Operator : CG/JU
 Sample : PB136055BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS055

Manual Integrations
 APPROVED

mohammad
 5/12/2021 2:06:33 PM

Quant Time: May 11 15:13:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 06:44:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115296	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	492792	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	308154	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	615803	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	636737	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	667531	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	19592	6.79	ng/uL	0.00
4) Pyridine-d5	3.48	84	224988	31.13	ng/ul	0.00
7) Phenol-d5	6.73	99	340305	31.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	206782	31.10	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	279190	33.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	272166	30.69	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	107141	31.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	96979	25.30	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	288935	37.59	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	317333	27.13	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	783494	32.80	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	978004	32.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	110540	28.41	ng/ul	0.00
60) Fluorene-d10	15.19	176	672666	33.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	1803	0.45	ng/ul	0.01
73) Anthracene-d10	17.04	188	1063716	34.30	ng/ul	0.00
81) Pyrene-d10	19.34	212	1214244	37.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1363554	36.03	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	41847	13.394	ng/uL# 86
5) Pyridine	3.49	79	233527	31.497	ng/ul 98
6) Benzaldehyde	6.70	77	160645	29.025	ng/ul 97
8) Phenol	6.76	94	349927	31.966	ng/ul 99
10) Bis(2-Chloroethyl)ether	6.99	93	256931	29.684	ng/ul 99
12) 2-Chlorophenol	7.12	128	280245	33.207	ng/ul 99
13) 2-Methylphenol	8.00	108	247058	29.788	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.08	45	430342	33.007	ng/ul 95
16) Acetophenone	8.37	105	401313	28.202	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.36	70	205431	28.216	ng/ul 96
18) 4-Methylphenol	8.33	108	278572	30.297	ng/ul 98
19) Hexachloroethane	8.60	117	109992	30.848	ng/ul 91
22) Nitrobenzene	8.75	77	295134	33.352	ng/ul 98
23) Isophorone	9.27	82	594102	31.741	ng/ul 98
25) 2-Nitrophenol	9.45	139	111008	26.676	ng/ul 96
26) 2,4-Dimethylphenol	9.52	107	284389	30.287	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.75	93	351972	32.106	ng/ul 98
29) 2,4-Dichlorophenol	9.98	162	274732	36.398	ng/ul 99
30) Naphthalene	10.37	128	828275	30.281	ng/ul 100
32) 4-Chloroaniline	10.49	127	303194	25.162	ng/ul 99
33) Hexachlorobutadiene	10.65	225	148154	29.275	ng/ul 97
34) Caprolactam	11.36	113	94233m	35.179	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	298924	35.787	ng/ul	99
36) 2-Methylnaphthalene	11.99	142	587191	29.594	ng/ul	98
37) 1-Methylnaphthalene	12.22	142	571258	29.051	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	288931	30.343	ng/ul	98
40) Hexachlorocyclopentadiene	12.35	237	118946	24.047	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	226884	39.072	ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	242097	39.394	ng/ul	98
43) 1,1'-Biphenyl	13.02	154	754013	31.477	ng/ul	97
44) 2-Chloronaphthalene	13.06	162	581669	31.641	ng/ul	98
45) 2-Nitroaniline	13.28	65	155392	33.443	ng/ul	95
47) Dimethylphthalate	13.66	163	768641	32.138	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	134241	31.266	ng/ul	99
50) Acenaphthylene	13.92	152	890006	30.402	ng/ul	99
51) 3-Nitroaniline	14.12	138	127308	26.395	ng/ul	97
52) Acenaphthene	14.26	153	651005	31.465	ng/ul	99
55) 4-Nitrophenol	14.44	109	85602	28.618	ng/ul	91
56) Dibenzofuran	14.60	168	889940	31.405	ng/ul	99
57) 2,4-Dinitrotoluene	14.58	165	206615	32.521	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.83	232	213970	36.563	ng/ul	98
59) Diethylphthalate	15.03	149	832391	33.369	ng/ul	99
61) Fluorene	15.25	166	768571	31.726	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.25	204	370580	31.131	ng/ul	97
63) 4-Nitroaniline	15.29	138	119673m	25.031	ng/ul	
67) N-Nitrosodiphenylamine	15.46	169	665409	33.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	229082	33.421	ng/ul	97
69) Hexachlorobenzene	16.25	284	264198	32.458	ng/ul	95
70) Atrazine	16.44	200	231391	31.351	ng/ul	99
71) Pentachlorophenol	16.60	266	168040	36.029	ng/ul	100
72) Phenanthrene	16.99	178	1219273	33.579	ng/ul	100
74) Anthracene	17.07	178	1256944	33.860	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	302293	31.033	ng/uL	97
76) Pentachlorobenzene	14.52	250	284370	30.612	ng/uL	98
77) Carbazole	17.35	167	1132947	33.310	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1778658	44.058	ng/ul	99
80) Fluoranthene	19.01	202	1498913	37.705	ng/ul#	96
82) Pvrene	19.37	202	1532922	36.641	ng/ul	100
83) Butylbenzylphthalate	20.29	149	702496	47.250	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.06	252	66543	4.594	ng/ul#	95
85) Benzo(a)anthracene	21.12	228	1471779	35.428	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1076676	42.000	ng/ul	99
87) Chrysene	21.17	228	1431592	34.599	ng/ul	99
89) Di-n-octyl phthalate	21.92	149	1877582	36.756	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1538395	35.529	ng/ul	99
91) Benzo(k)fluoranthene	22.69	252	1494610	32.833	ng/ul	98
93) Benzo(a)pyrene	23.20	252	1476750	37.552	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.44	276	1796774	37.750	ng/ul	98
95) Dibenzo(a,h)anthracene	25.45	278	1505295	37.310	ng/ul	99
96) Benzo(a,h,i)perylene	26.10	276	1456120	37.758	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

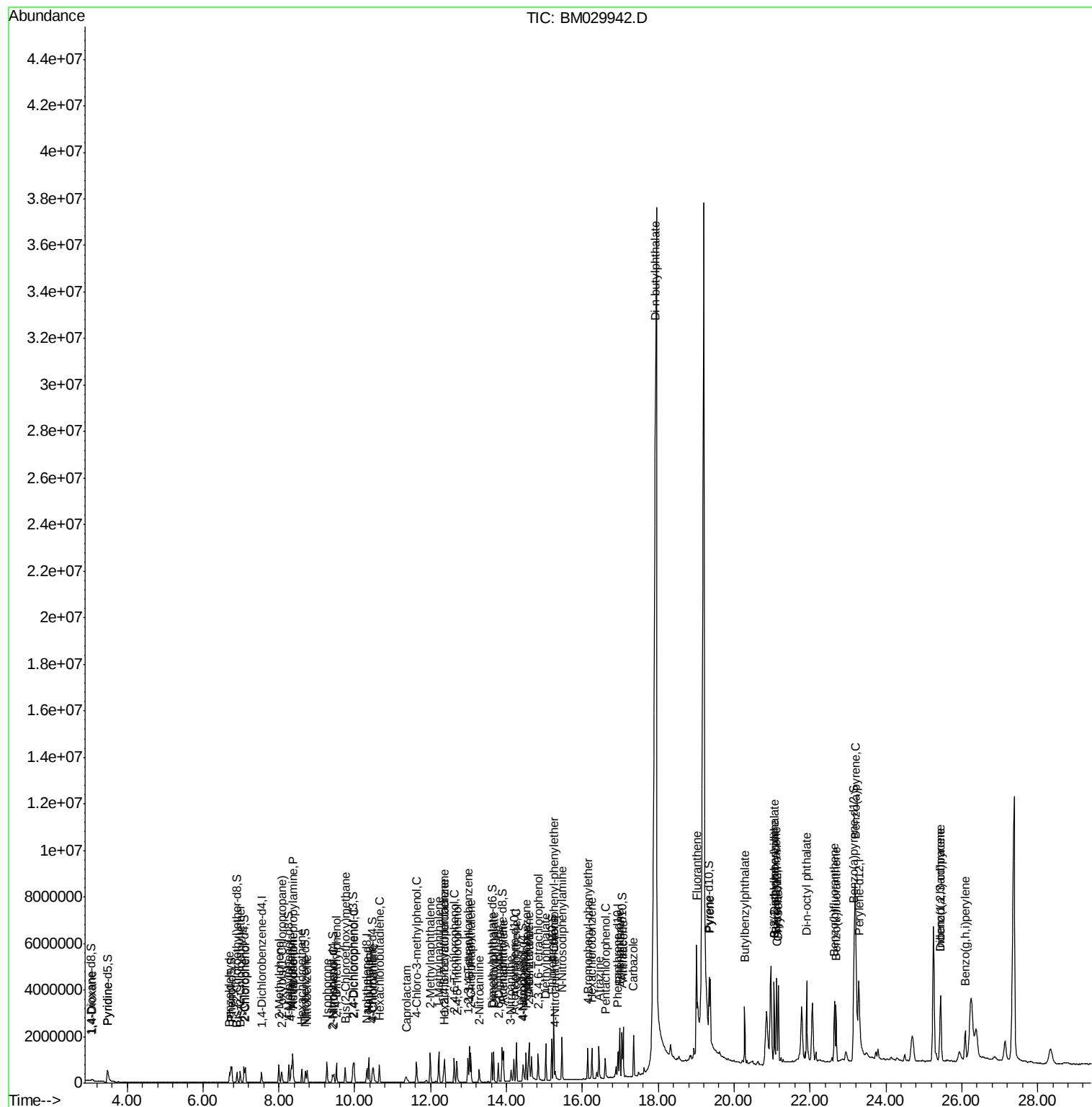
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029942.D
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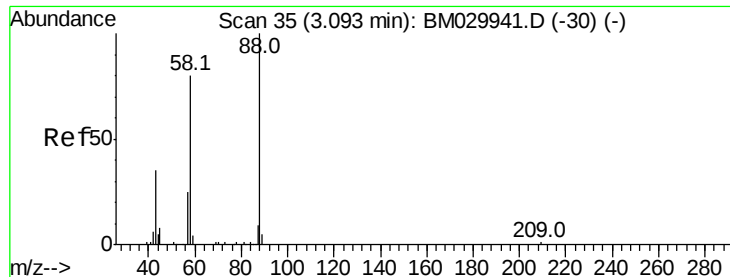
Instrument :
BNA_M
ClientSampleID :
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#2

1,4-Dioxane

Concen: 13.394 ng/uL

RT: 3.09 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

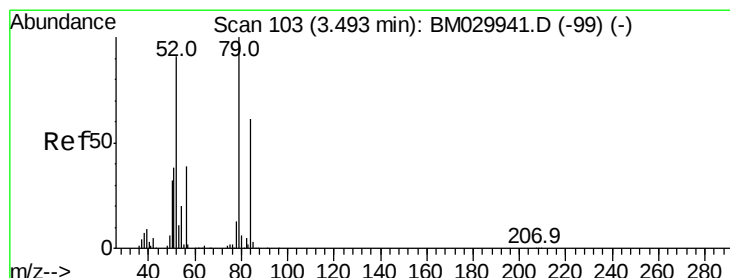
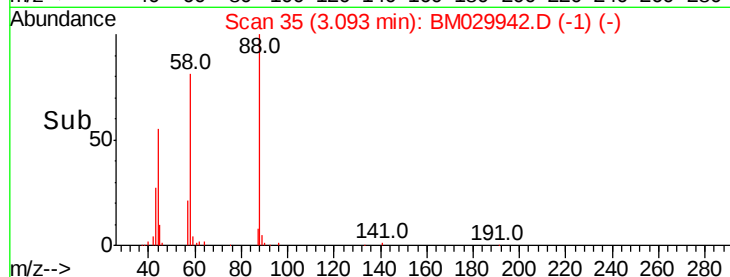
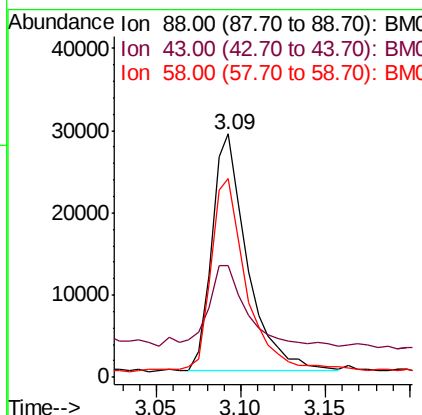
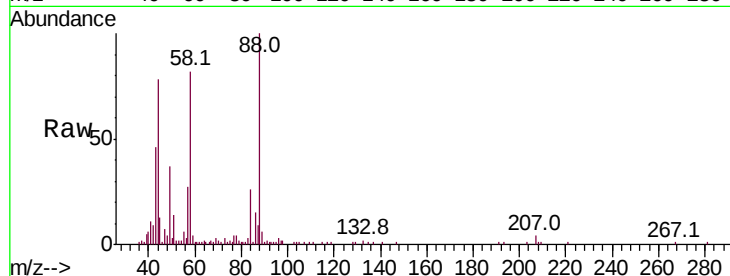
ClientSampleId :

SLCS055

Tot Ion:	88	Resp:	41847
Ion Ratio	Lower	Upper	
88	100		
43	45.7	26.2	39.2#
58	81.9	59.0	88.4

Manual Integrations
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#5

Pyridine

Concen: 31.497 ng/uL

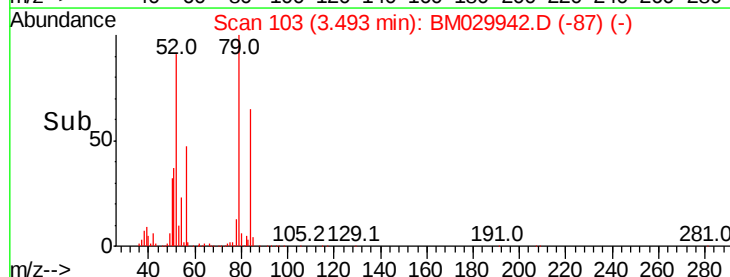
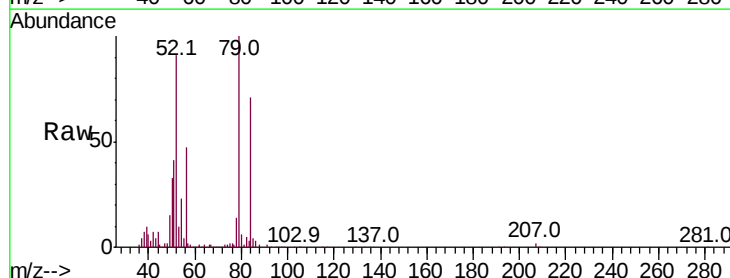
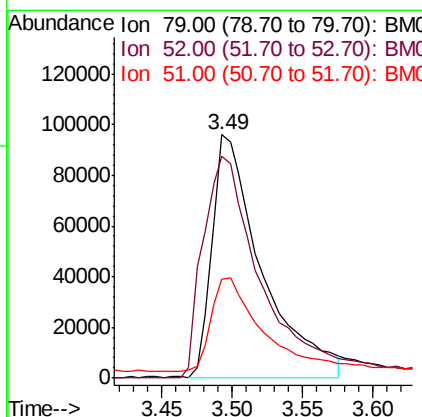
RT: 3.49 min Scan# 103

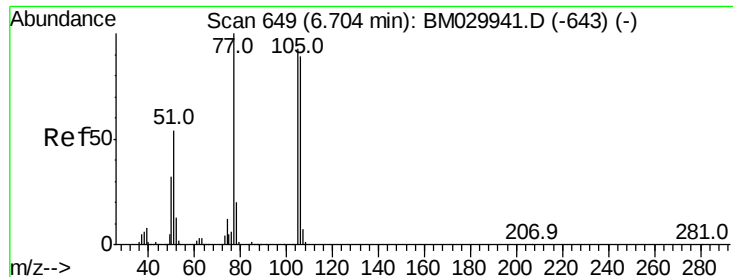
Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	79	Resp:	233527
Ion Ratio	Lower	Upper	
79	100		
52	91.2	74.6	111.8
51	40.5	32.6	48.8





#6

Benzaldehyde

Concen: 29.025 ng/ul

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

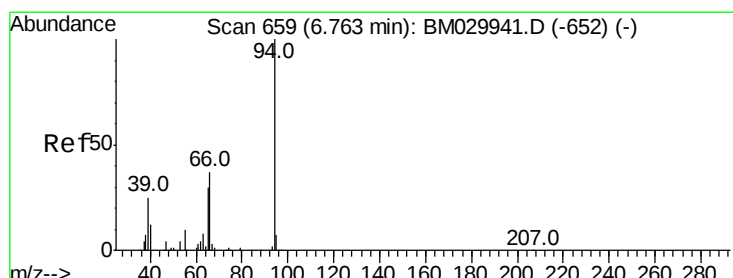
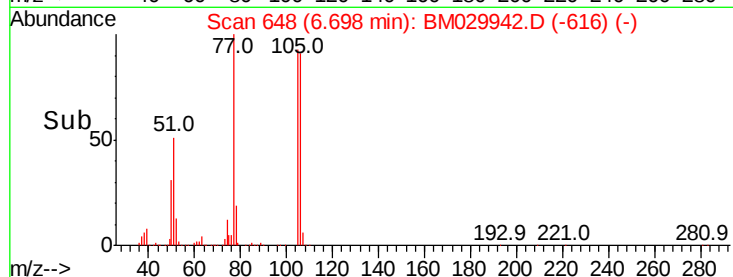
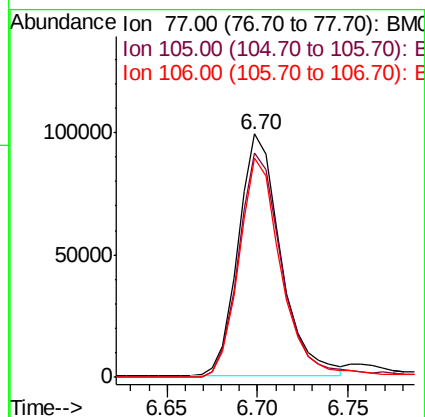
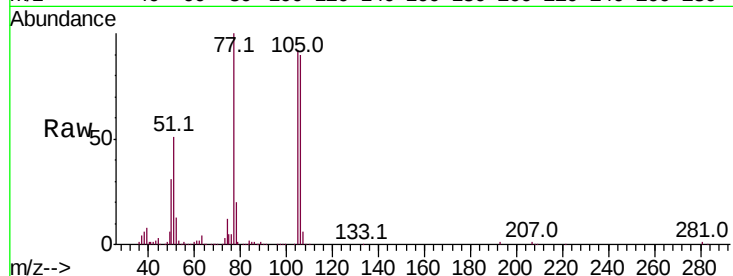
ClientSampled :

SLCS055

Tot Ion:	77	Resp:	160645
Ion Ratio	Lower	Upper	
77	100		
105	92.4	77.7	116.5
106	90.2	72.2	108.4

Manual Integrations
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#8

Phenol

Concen: 31.966 ng/ul

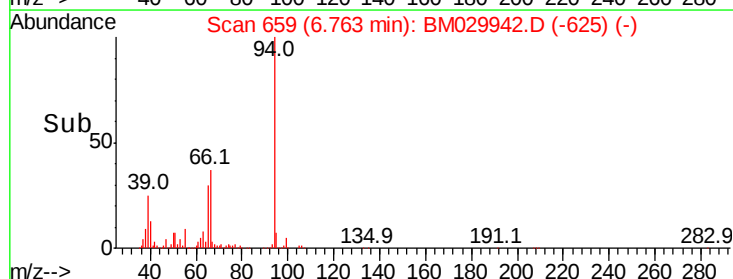
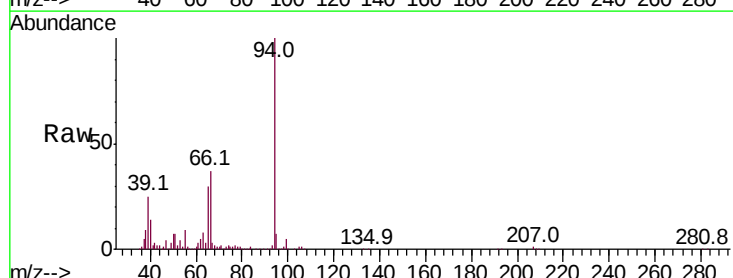
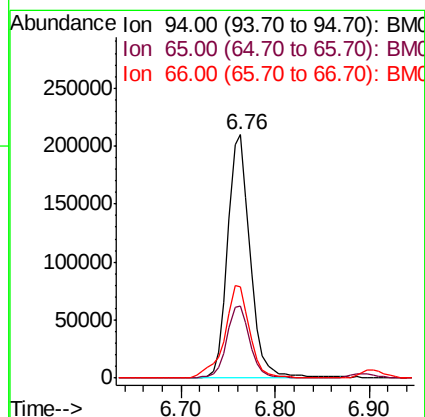
RT: 6.76 min Scan# 659

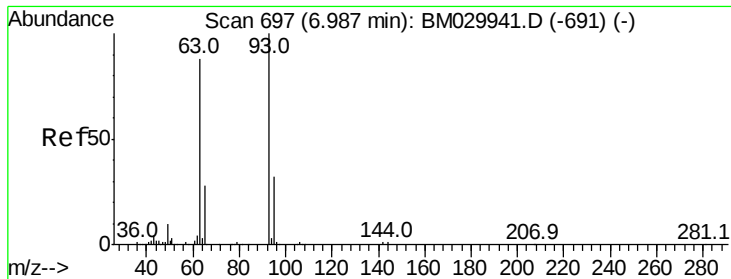
Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	94	Resp:	349927
Ion Ratio	Lower	Upper	
94	100		
65	29.9	23.3	34.9
66	37.4	30.6	45.8





#10

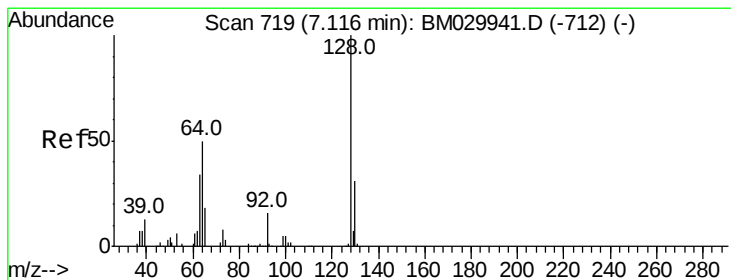
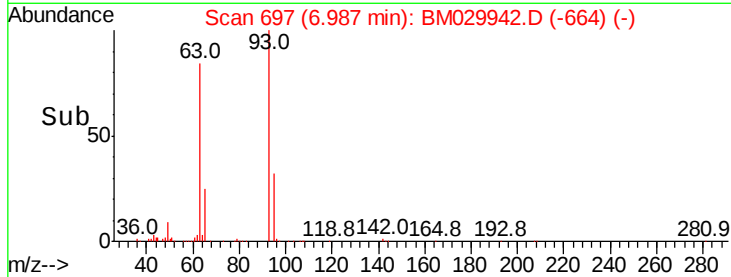
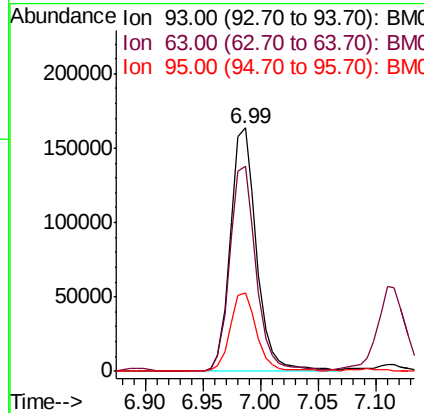
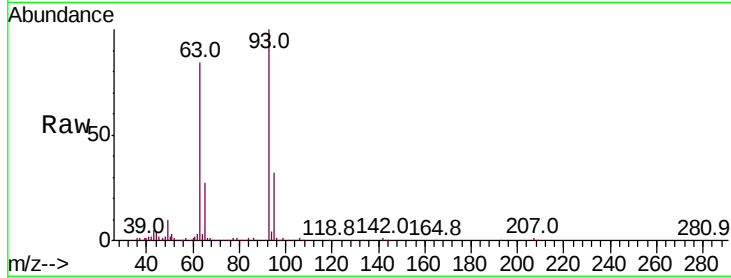
Bis(2-Chloroethyl)ether
 Concen: 29.684 ng/ul
 RT: 6.99 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

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Tot Ion	Ratio	Resp	Lower	Upper
93	100	256931		
63	84.0	66.0	99.0	
95	32.2	25.7	38.5	

Manual Integrations
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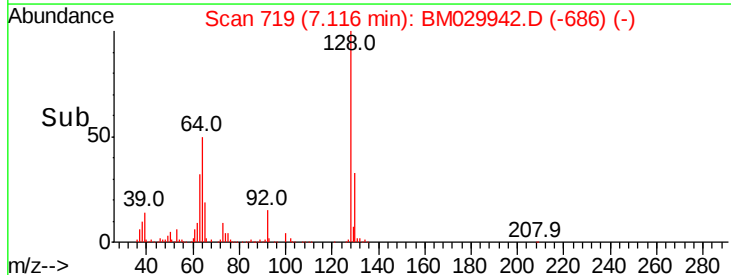
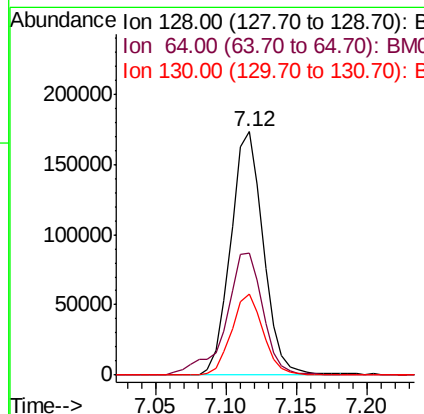
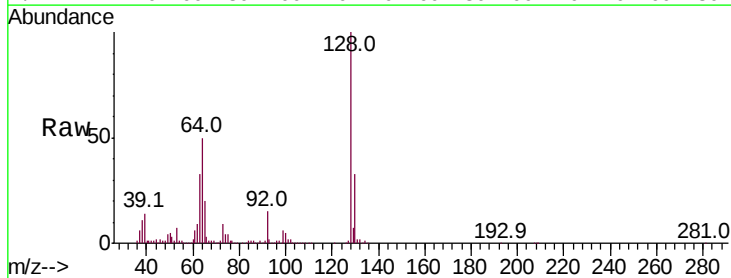
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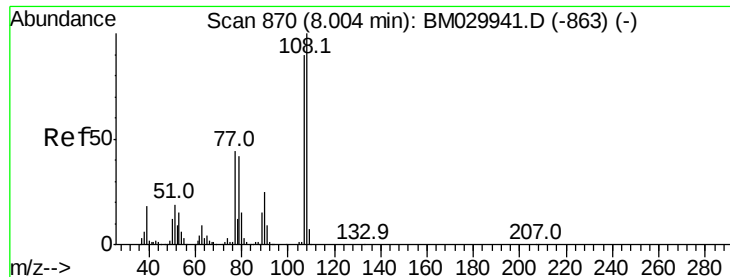


#12

2-Chlorophenol
 Concen: 33.207 ng/ul
 RT: 7.12 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	280245		
64	50.1	39.3	58.9	
130	33.4	26.6	39.8	





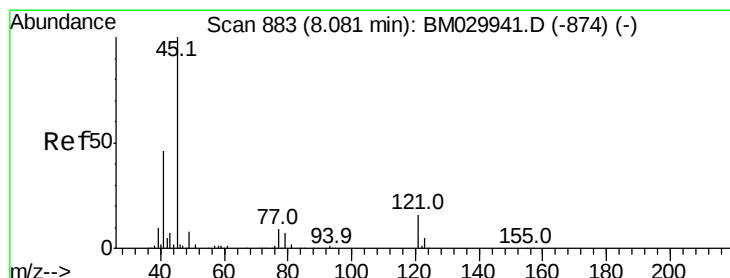
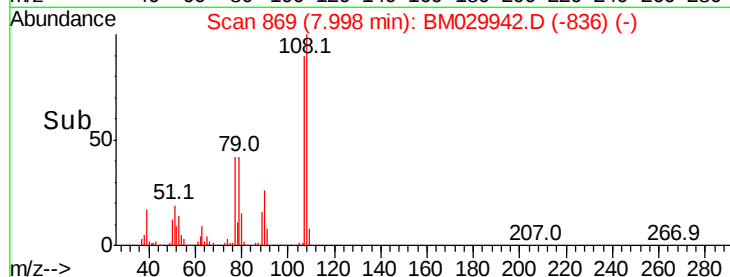
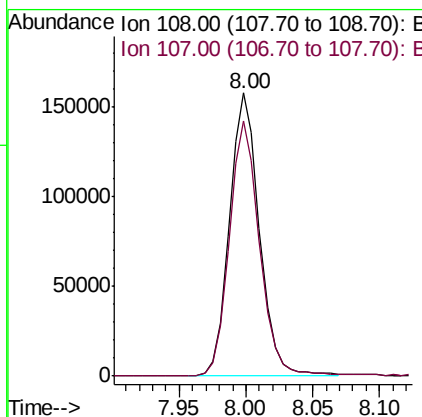
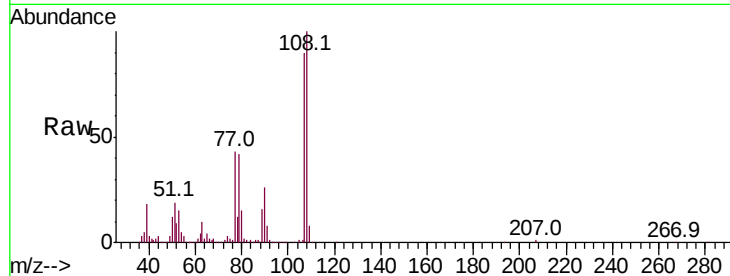
#13
2-Methylphenol
Concen: 29.788 ng/ul
RT: 8.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM029942.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
108	100		
107	90.0	73.8	110.6

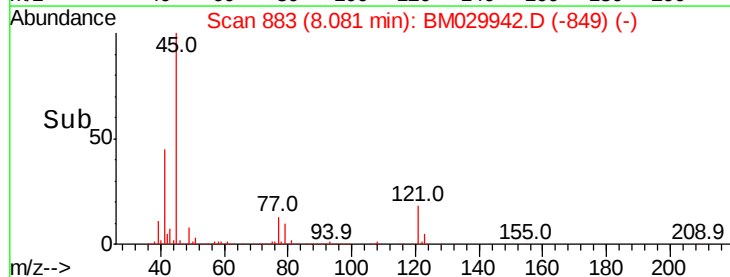
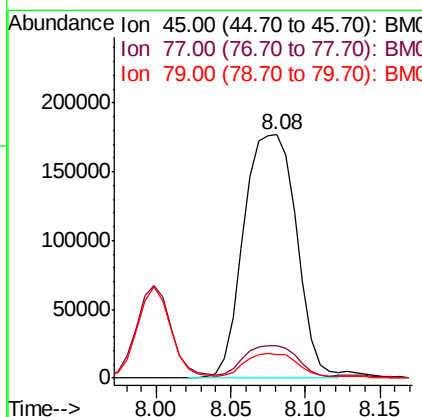
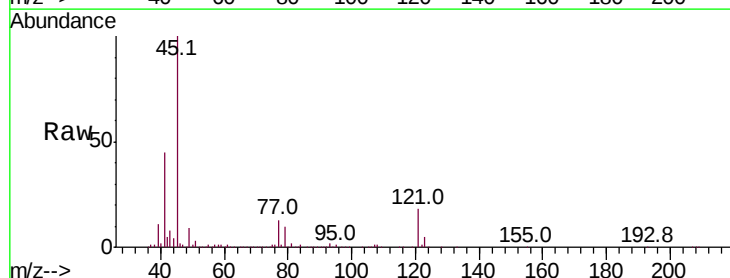
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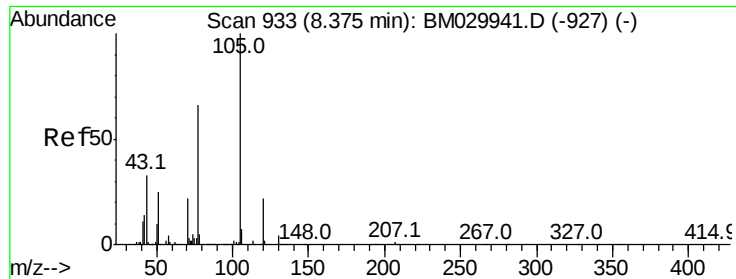
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.007 ng/ul
RT: 8.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM029942.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	12.3	18.5
79	9.8	9.1	13.7





#16

Acetophenone

Concen: 28.202 ng/ul

RT: 8.37 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

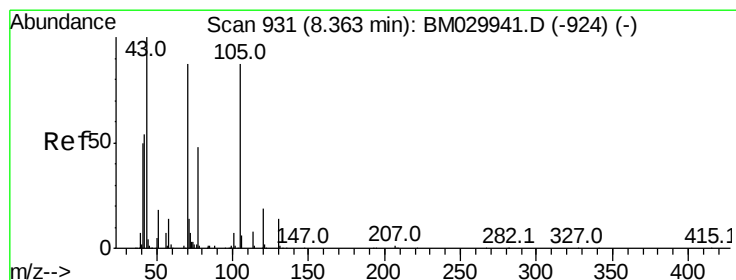
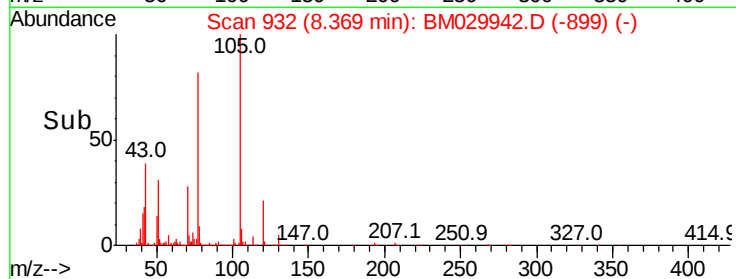
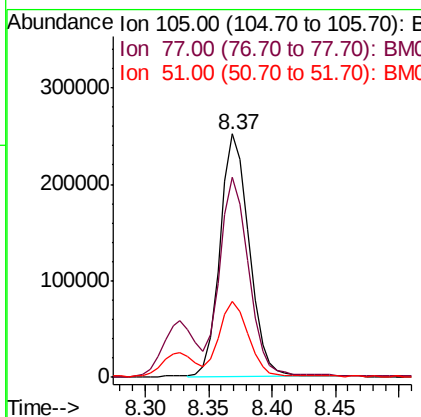
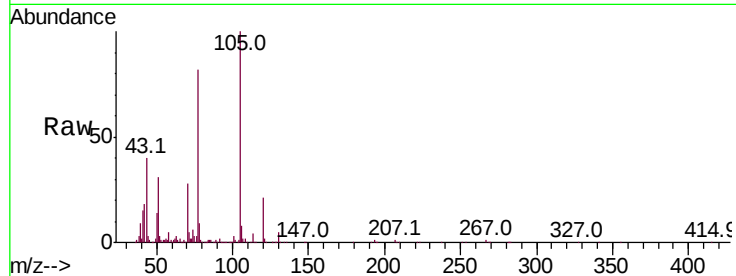
ClientSampleId :

SLCS055

Tot Ion:	105	Resp:	401313
Ion Ratio	Lower	Upper	
105	100		
77	82.4	64.2	96.4
51	31.4	24.3	36.5

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#17

N-Nitroso-di-n-propylamine

Concen: 28.216 ng/ul

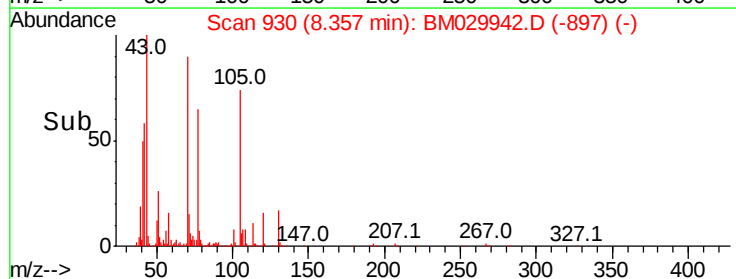
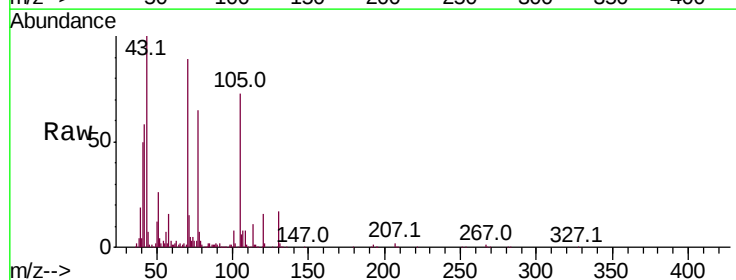
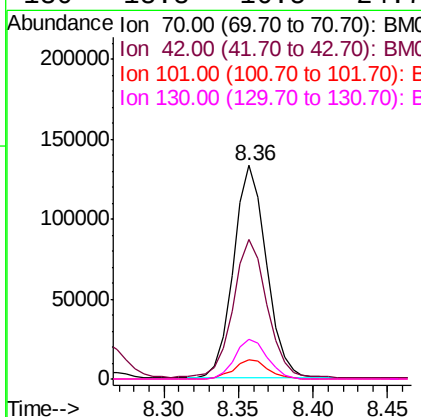
RT: 8.36 min Scan# 930

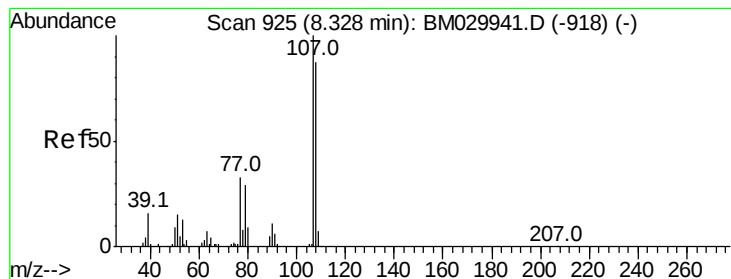
Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	70	Resp:	205431
Ion Ratio	Lower	Upper	
70	100		
42	65.1	49.4	74.0
101	9.2	7.8	11.6
130	18.8	16.5	24.7





#18

4-Methylphenol

Concen: 30.297 ng/ul

RT: 8.33 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

ClientSampleId :

SLCS055

Tot Ion:108 Resp: 278572

Ion Ratio Lower Upper

108 100

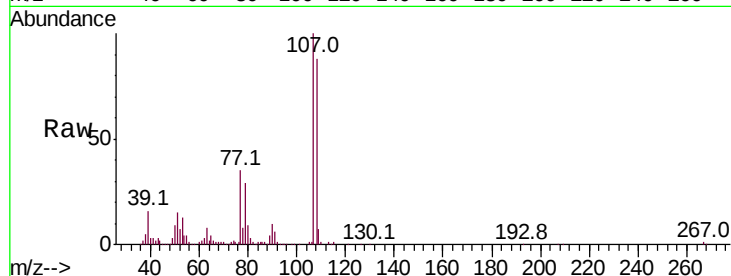
107 113.8 89.4 134.0

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

200000

150000

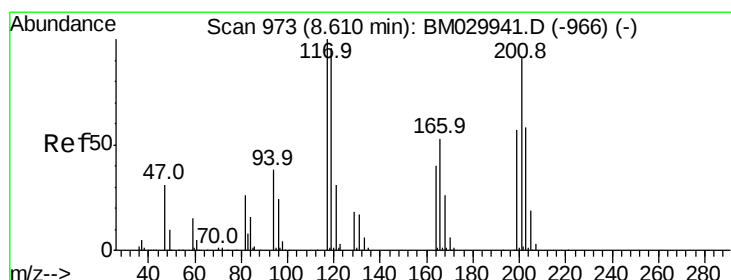
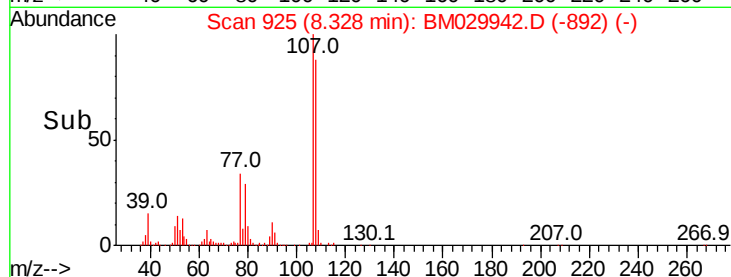
100000

50000

0

8.20 8.30 8.40

Time-->



#19

Hexachloroethane

Concen: 30.848 ng/ul

RT: 8.60 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

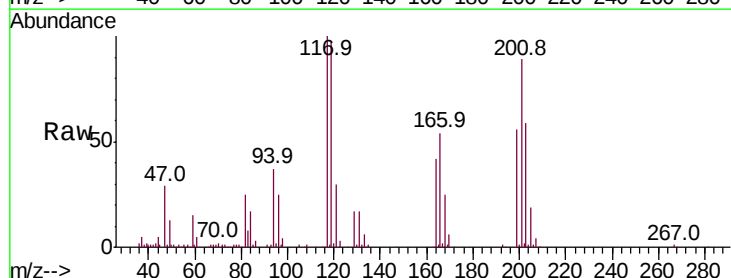
Tgt Ion:117 Resp: 109992

Ion Ratio Lower Upper

117 100

201 89.0 79.4 119.2

199 55.9 48.0 72.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

80000

60000

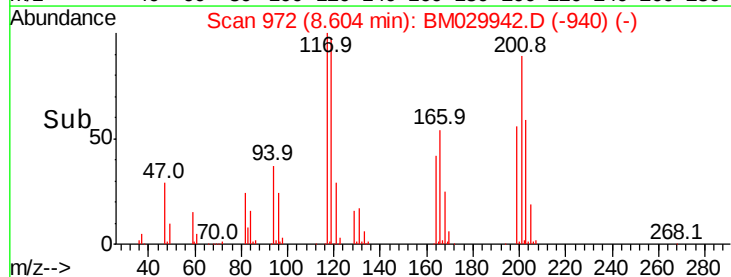
40000

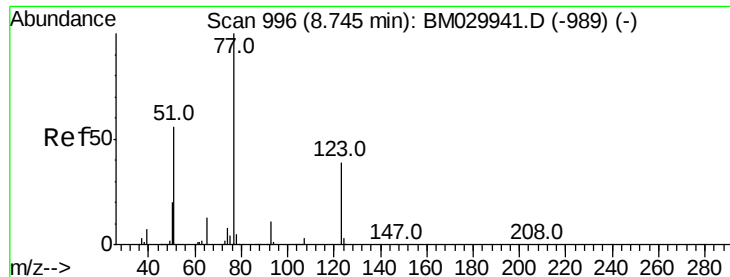
20000

0

8.55 8.60 8.65

Time-->





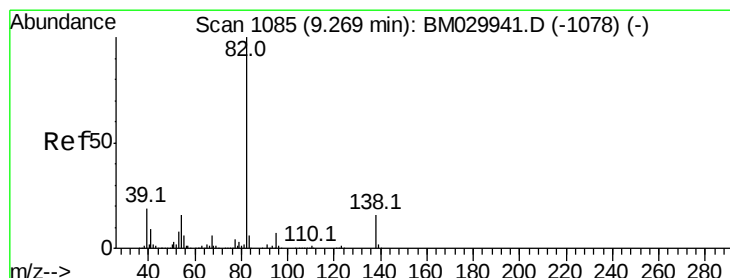
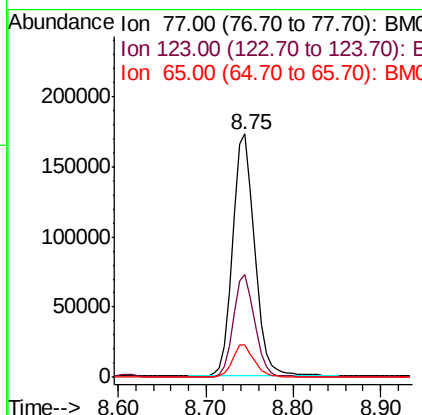
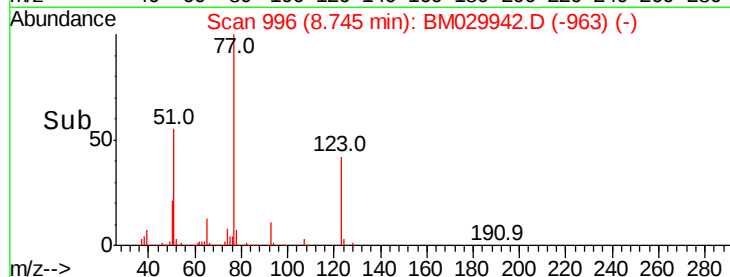
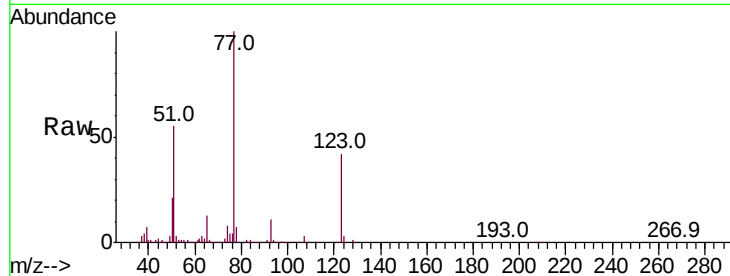
#22
Nitrobenzene
Concen: 33.352 ng/ul
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.1	35.0	52.6
65	13.4	10.3	15.5

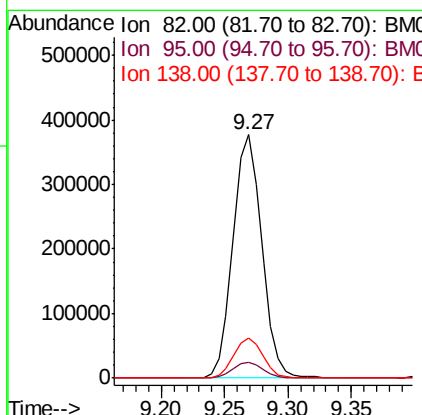
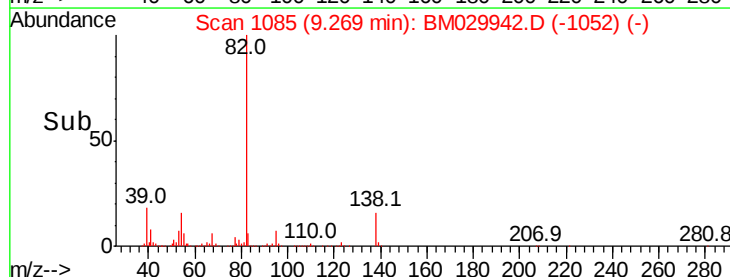
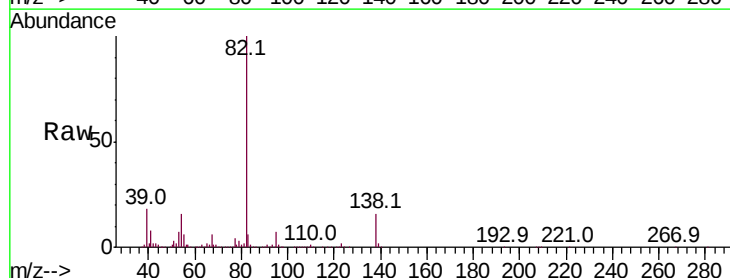
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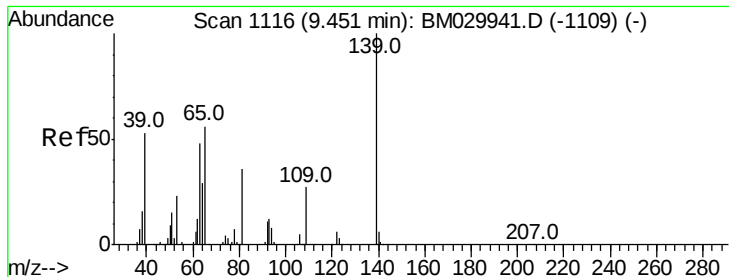
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#23
Isophorone
Concen: 31.741 ng/ul
RT: 9.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	16.3	13.8	20.6





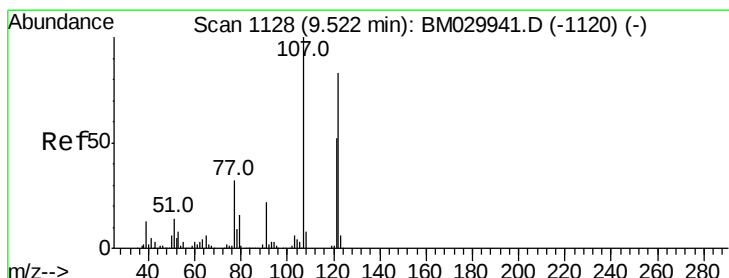
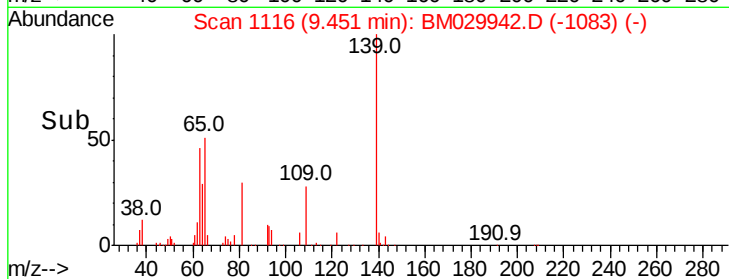
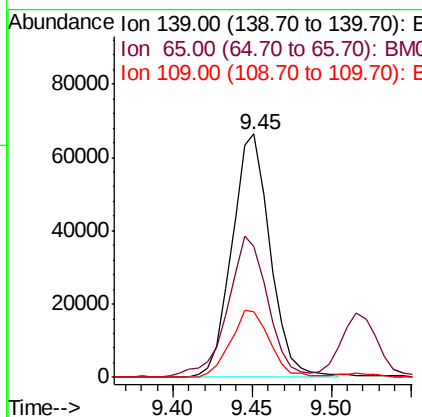
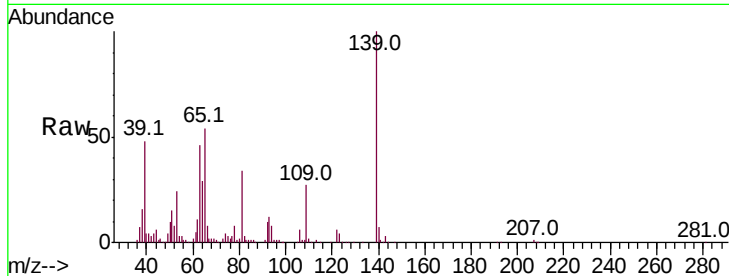
#25
2-Nitrophenol
Concen: 26.676 ng/ul
RT: 9.45 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
139	100	111008		
65	54.0	44.6	67.0	
109	26.9	24.4	36.6	

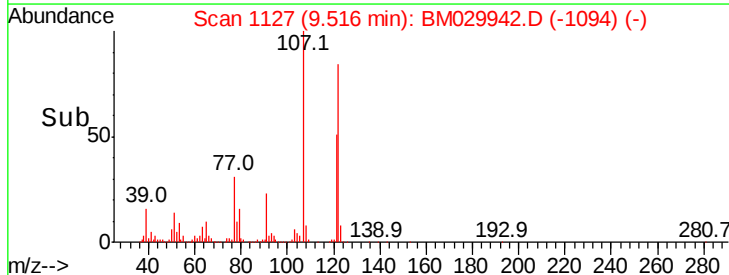
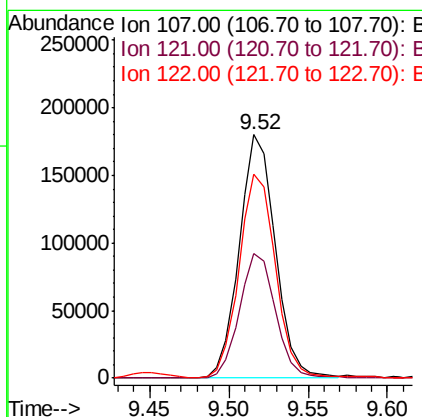
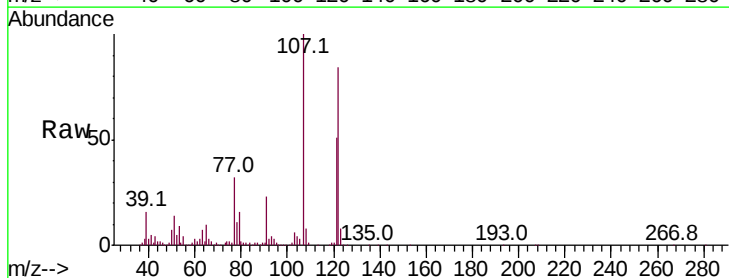
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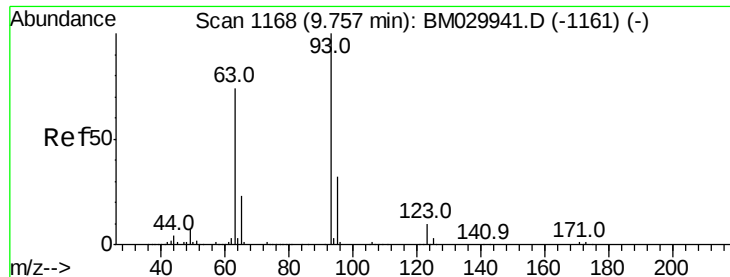
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#26
2,4-Dimethylphenol
Concen: 30.287 ng/ul
RT: 9.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	284389		
121	51.3	40.7	61.1	
122	83.6	68.9	103.3	





#27

Bis(2-Chloroethoxy)methane

Concen: 32.106 ng/ul

RT: 9.75 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

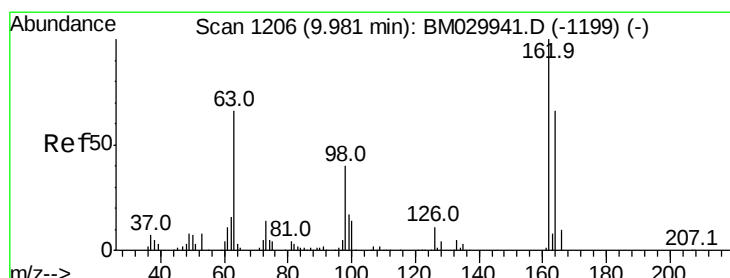
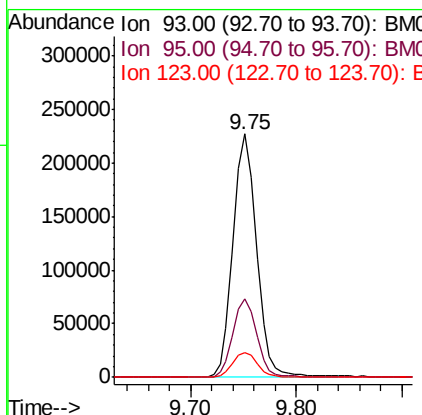
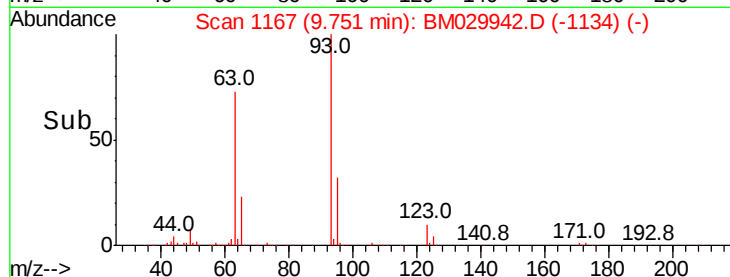
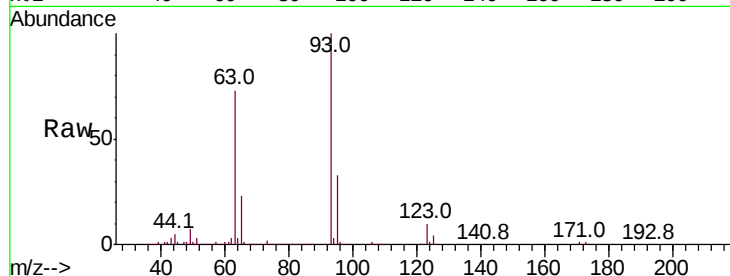
ClientSampleId :

SLCS055

Tot Ion:	93	Resp:	351972
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.3	37.9
123	10.3	8.8	13.2

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#29

2,4-Dichlorophenol

Concen: 36.398 ng/ul

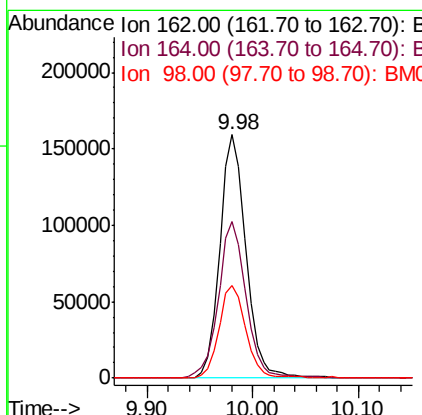
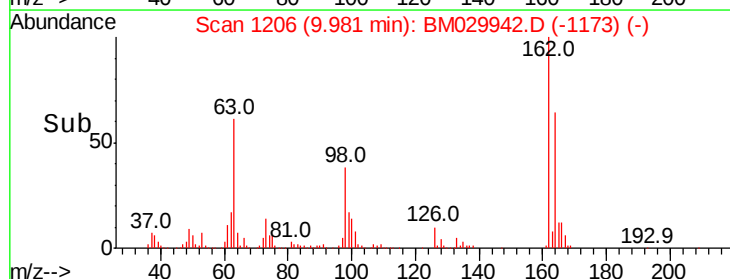
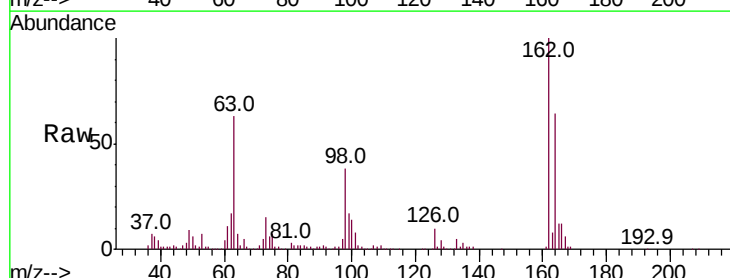
RT: 9.98 min Scan# 1206

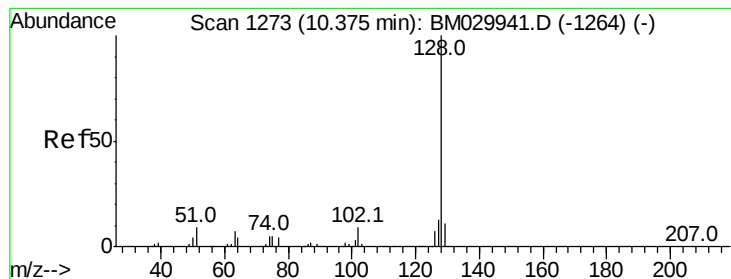
Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	162	Resp:	274732
Ion Ratio	Lower	Upper	
162	100		
164	64.2	51.2	76.8
98	38.0	29.7	44.5





#30

Naphthalene

Concen: 30.281 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

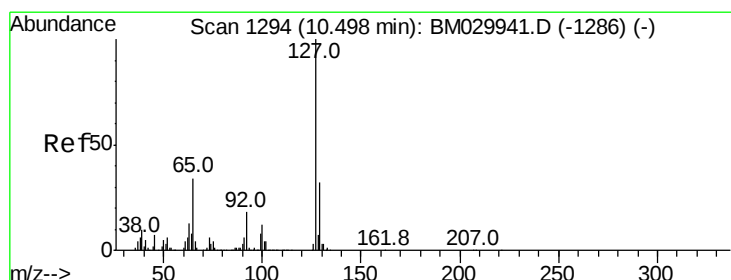
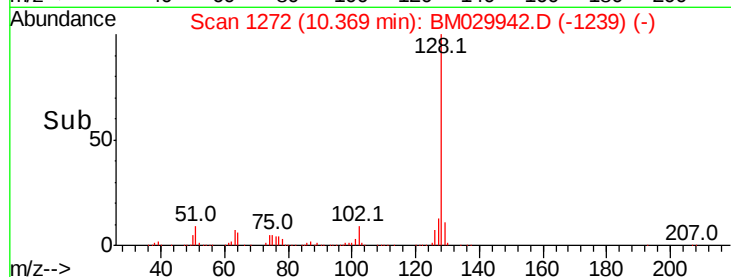
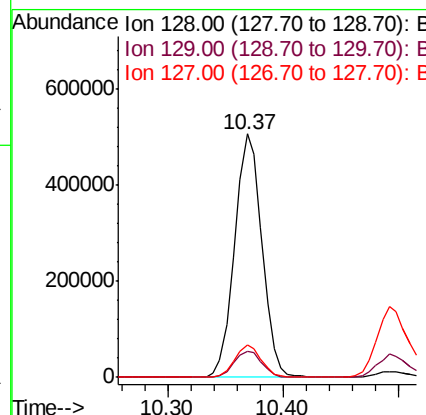
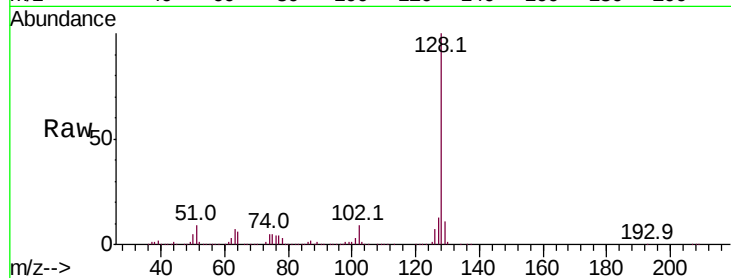
ClientSampleId :

SLCS055

Tot Ion:	128	Resp:	828275
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	13.1	10.4	15.6

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#32

4-Chloroaniline

Concen: 25.162 ng/ul

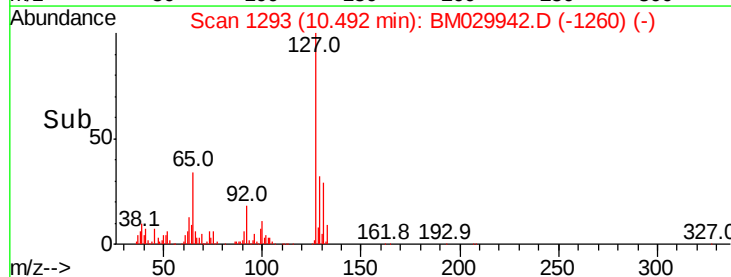
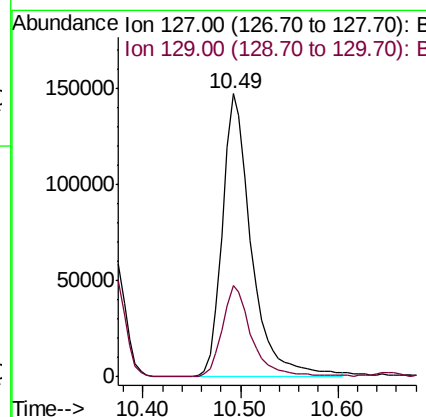
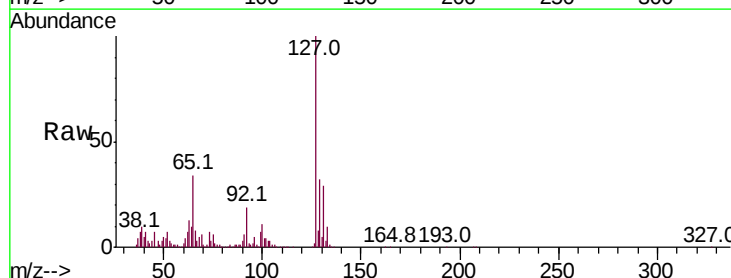
RT: 10.49 min Scan# 1293

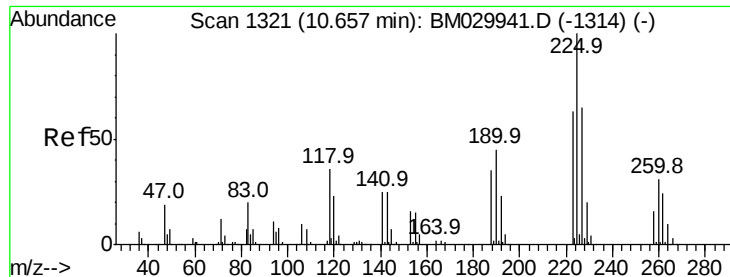
Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	127	Resp:	303194
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.3	39.5





#33

Hexachlorobutadiene

Concen: 29.275 ng/ul

RT: 10.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

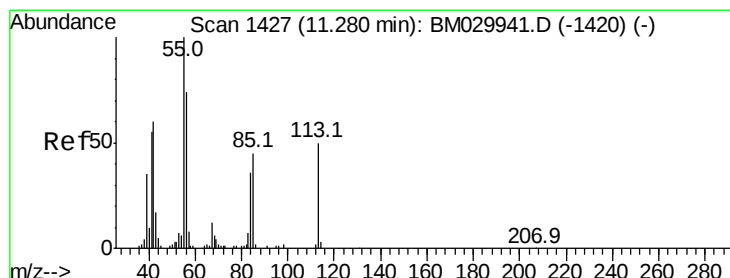
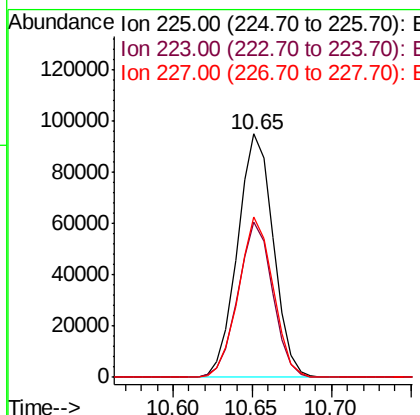
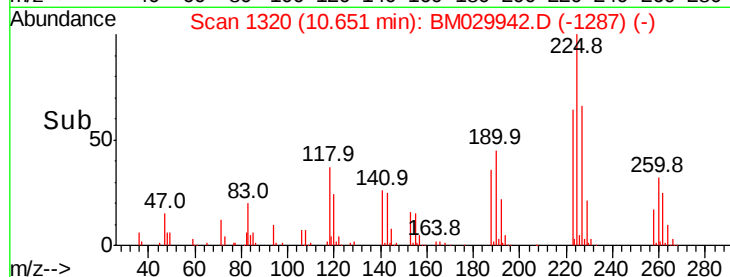
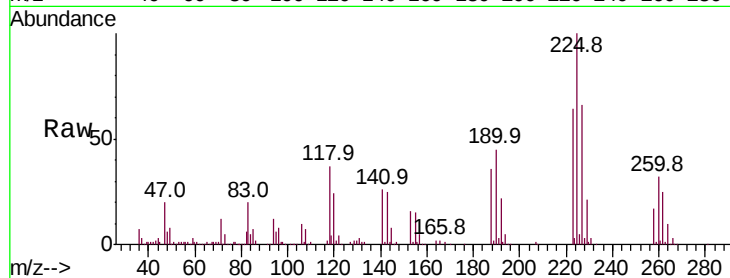
ClientSampleId :

SLCS055

Tot Ion:	225	Resp:	148154
Ion Ratio	Lower	Upper	
225	100		
223	63.7	53.0	79.4
227	66.1	51.2	76.8

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#34

Caprolactam

Concen: 35.179 ng/ul m

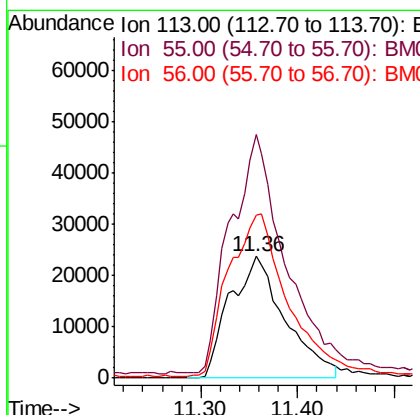
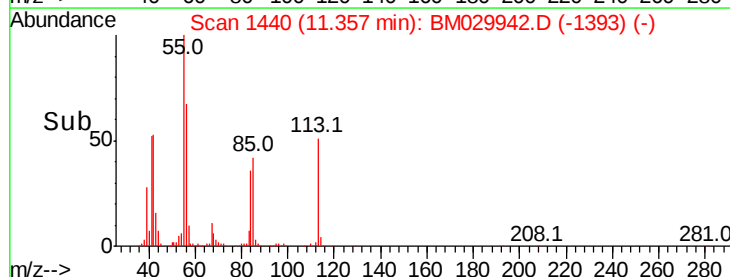
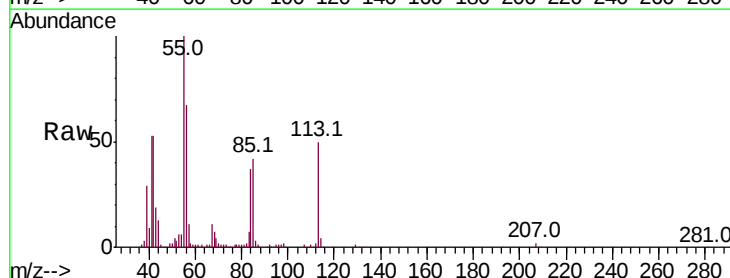
RT: 11.36 min Scan# 1440

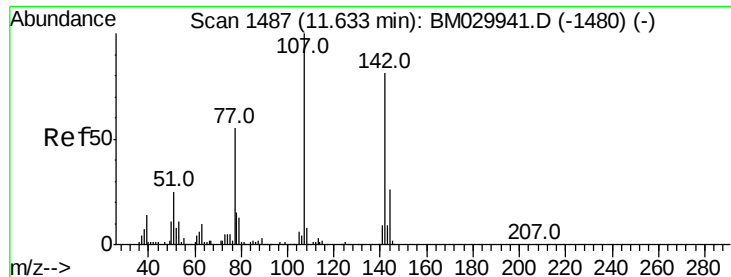
Delta R.T. 0.08 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	113	Resp:	94233
Ion Ratio	Lower	Upper	
113	100		
55	200.3	138.9	208.3
56	133.7	105.4	158.2





#35

4-Chloro-3-methylphenol

Concen: 35.787 ng/ul

RT: 11.63 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

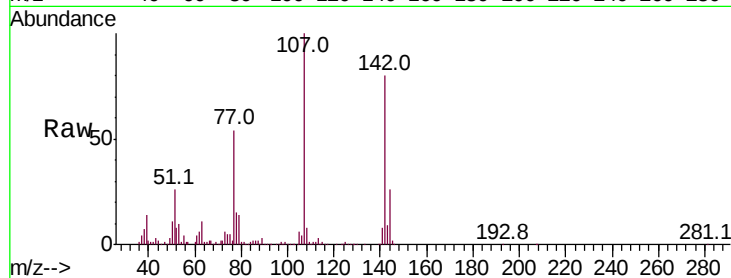
ClientSampleId :

SLCS055

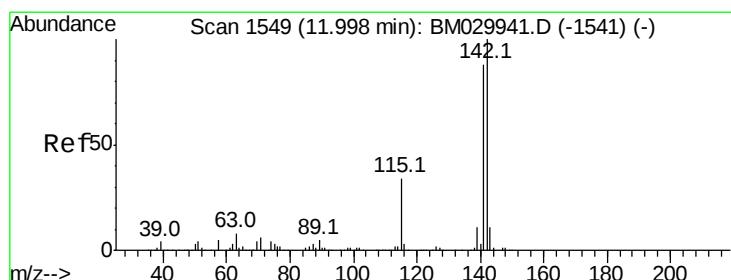
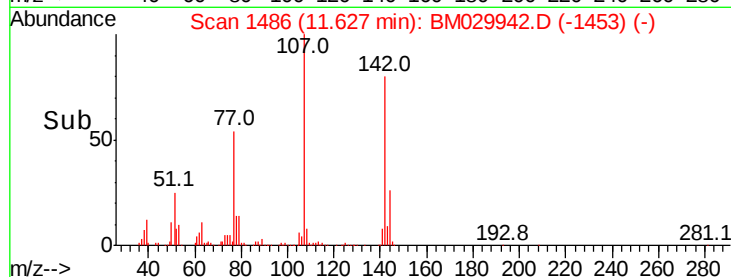
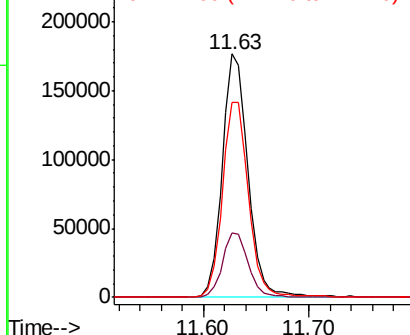
Tot Ion:	107	Resp:	298924
Ion Ratio	Lower	Upper	
107	100		
144	26.4	21.3	31.9
142	80.3	64.6	97.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#36

2-Methylnaphthalene

Concen: 29.594 ng/ul

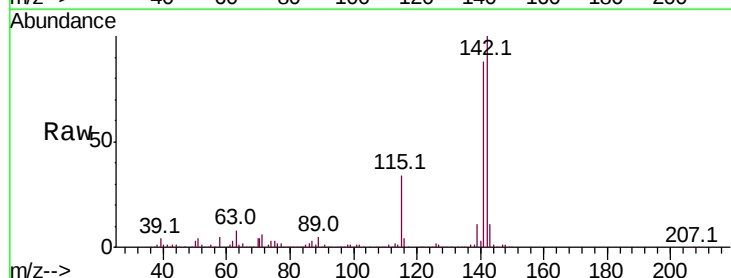
RT: 11.99 min Scan# 1548

Delta R.T. -0.01 min

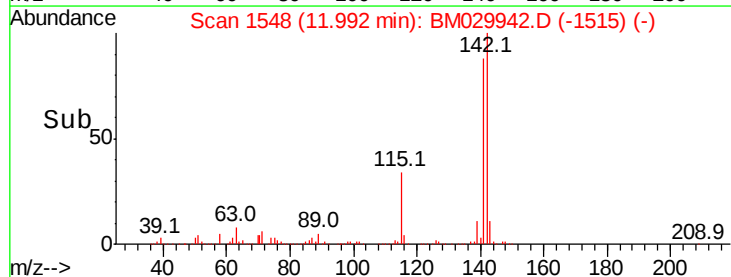
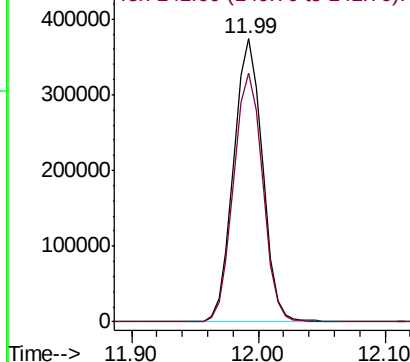
Lab File: BM029942.D

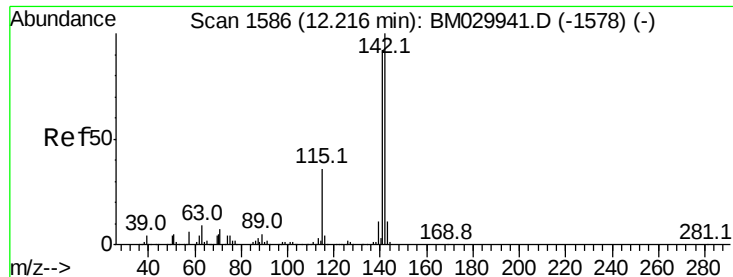
Acq: 11 May 2021 14:34

Tgt Ion:	142	Resp:	587191
Ion Ratio	Lower	Upper	
142	100		
141	88.0	72.1	108.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





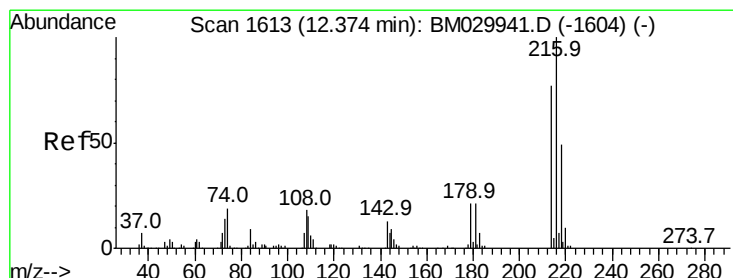
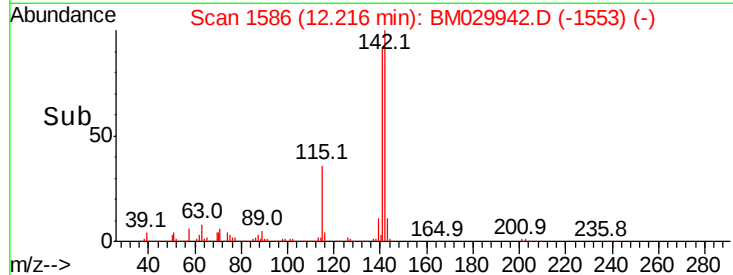
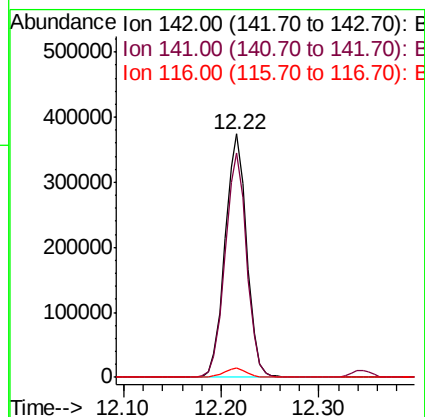
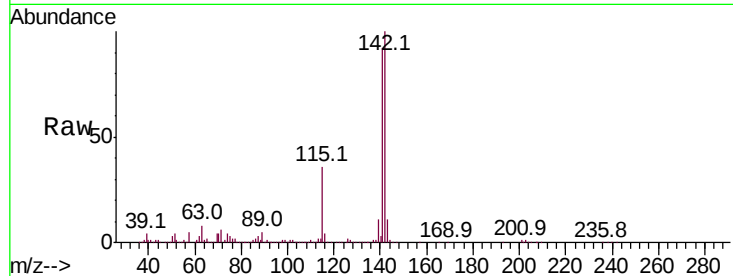
#37
 1-Methylnaphthalene
 Concen: 29.051 ng/ul
 RT: 12.22 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS055

Tot Ion:	142	Resp:	571258
Ion Ratio	Lower	Upper	
142	100		
141	92.2	72.9	109.3
116	3.8	3.0	4.6

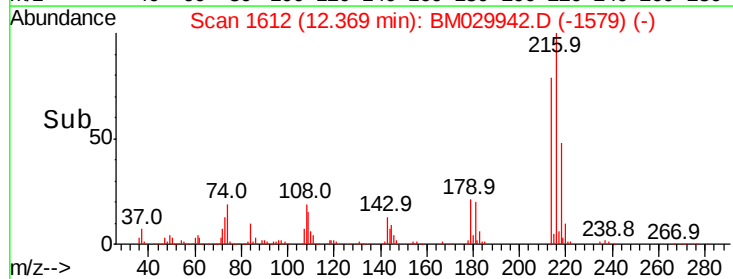
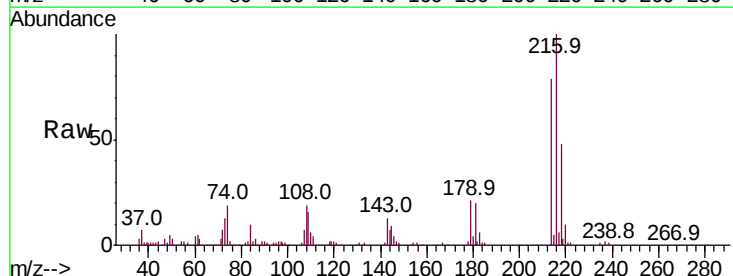
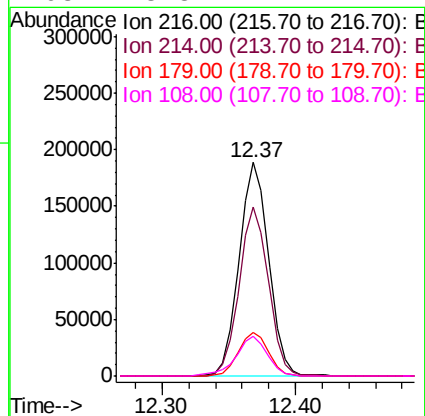
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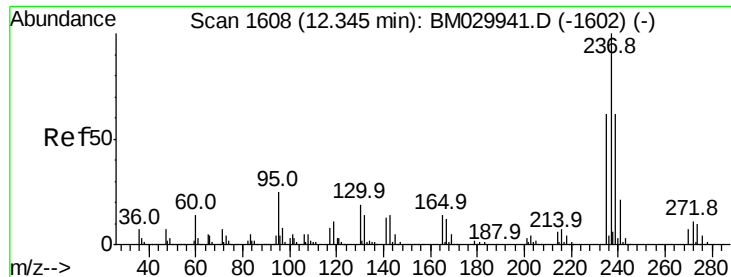
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.343 ng/ul
 RT: 12.37 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion:	216	Resp:	288931
Ion Ratio	Lower	Upper	
216	100		
214	79.1	61.9	92.9
179	20.5	16.8	25.2
108	18.8	14.1	21.1





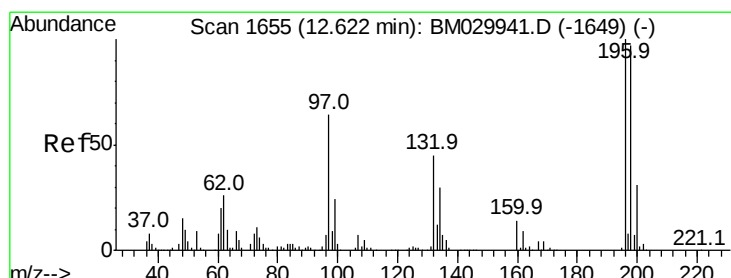
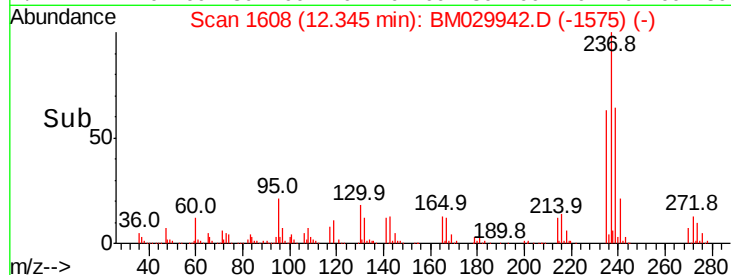
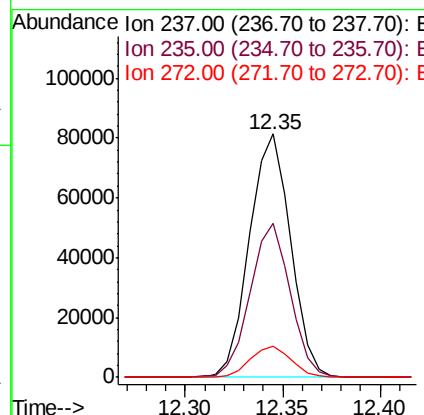
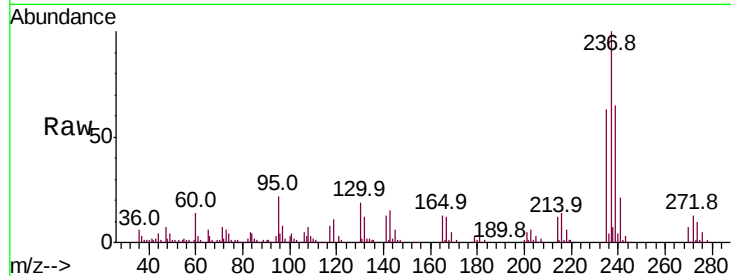
#40
Hexachlorocyclopentadiene
Concen: 24.047 ng/ul
RT: 12.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
237	100	118946		
235	63.4	50.0	75.0	
272	13.0	10.2	15.2	

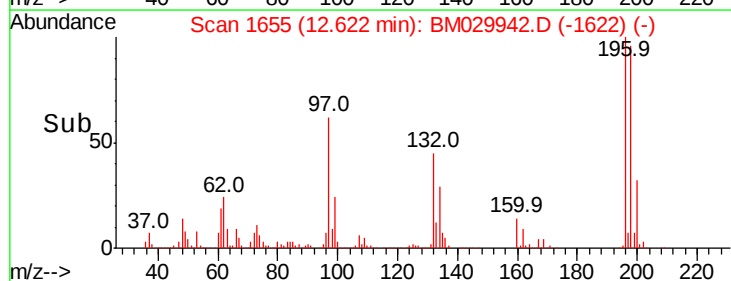
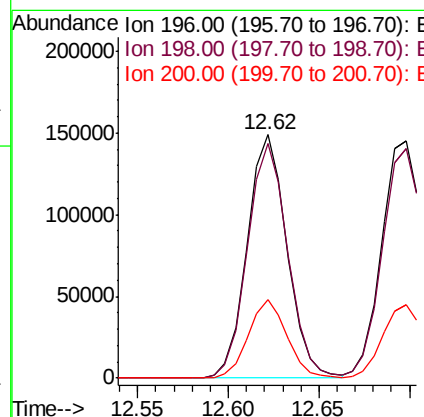
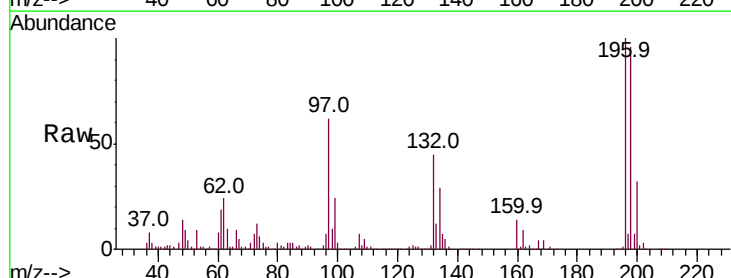
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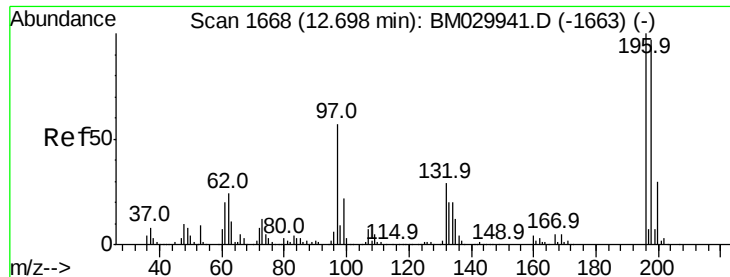
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#41
2,4,6-Trichlorophenol
Concen: 39.072 ng/ul
RT: 12.62 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226884		
198	96.2	77.0	115.4	
200	32.1	23.7	35.5	





#42

2,4,5-Trichlorophenol

Concen: 39.394 ng/ul

RT: 12.70 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

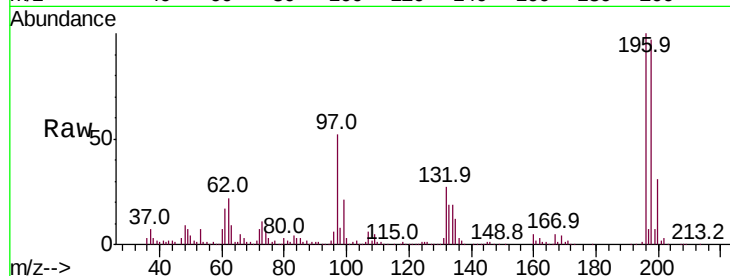
ClientSampleId :

SLCS055

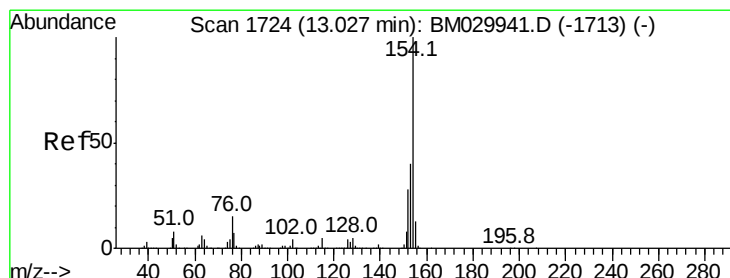
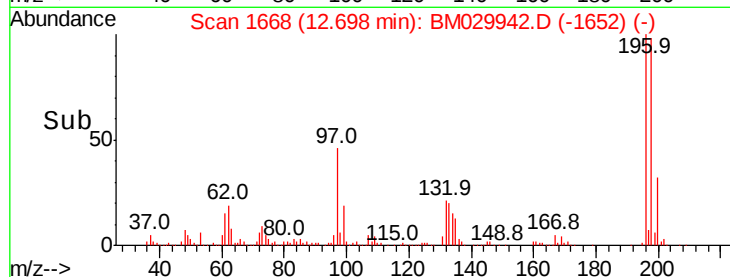
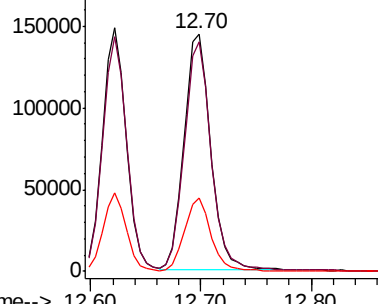
Tot Ion:	196	Resp:	242097
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.3	112.9
200	31.1	24.6	36.8

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Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#43

1,1'-Biphenyl

Concen: 31.477 ng/ul

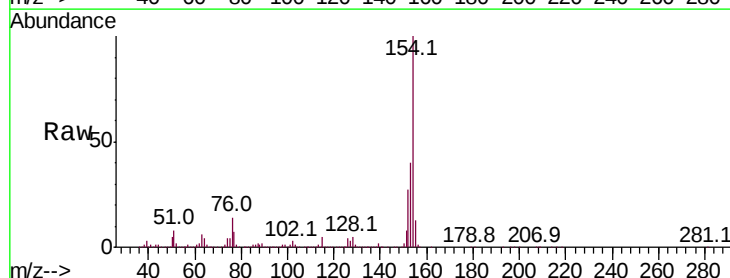
RT: 13.02 min Scan# 1723

Delta R.T. -0.01 min

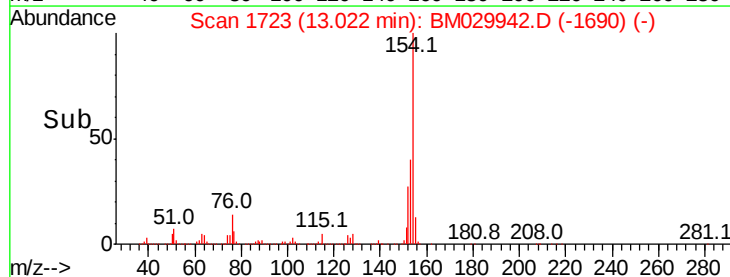
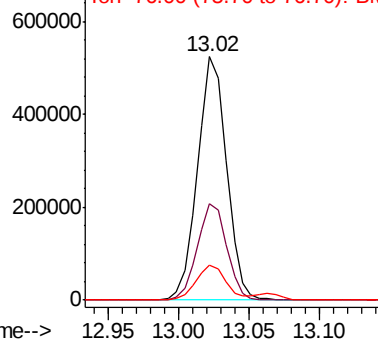
Lab File: BM029942.D

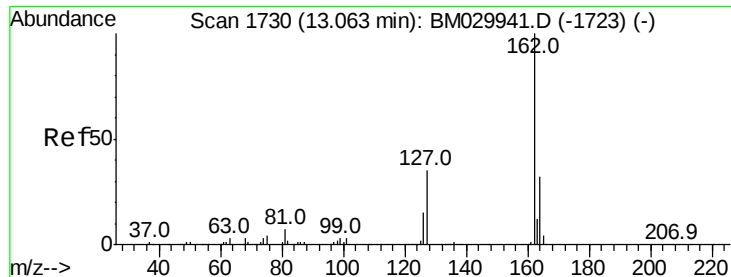
Acq: 11 May 2021 14:34

Tgt Ion:	154	Resp:	754013
Ion Ratio	Lower	Upper	
154	100		
153	39.8	33.3	49.9
76	14.2	10.3	15.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0





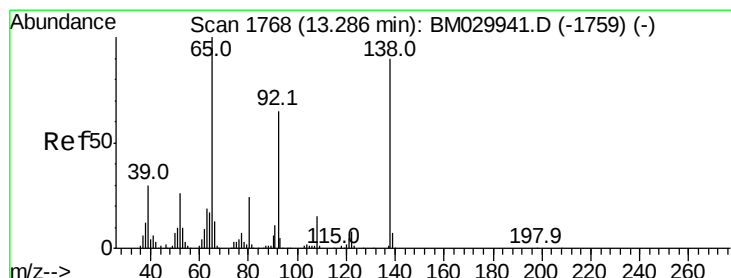
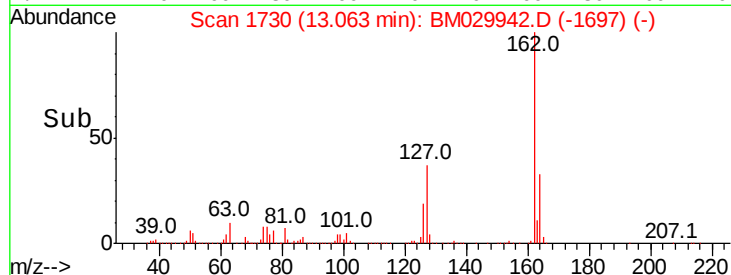
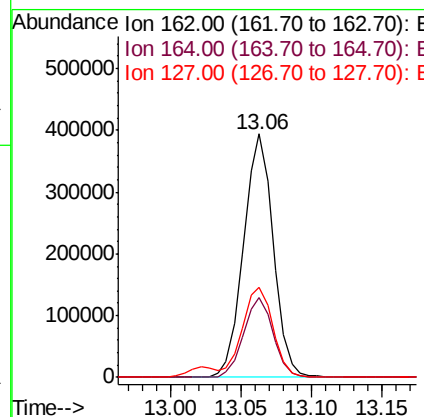
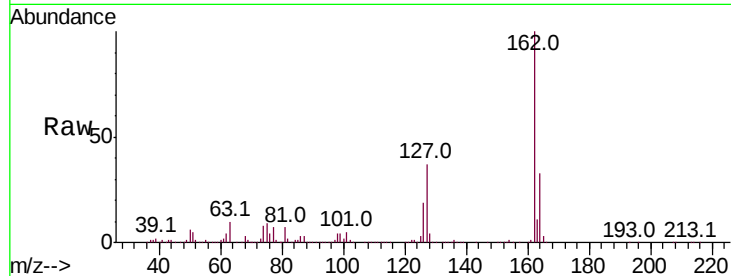
#44
2-Chloronaphthalene
Concen: 31.641 ng/ul
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampled :
SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
162	100	581669		
164	32.6	25.8	38.6	
127	37.2	31.0	46.6	

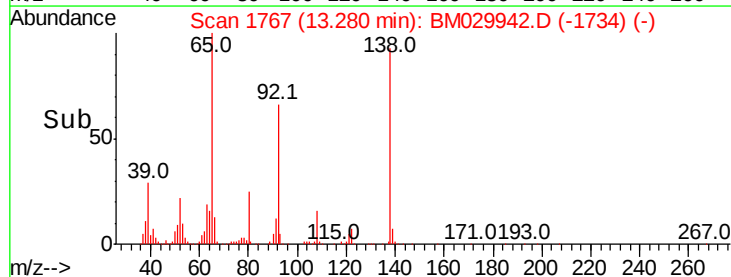
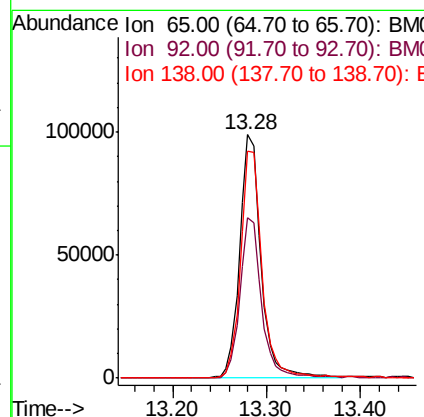
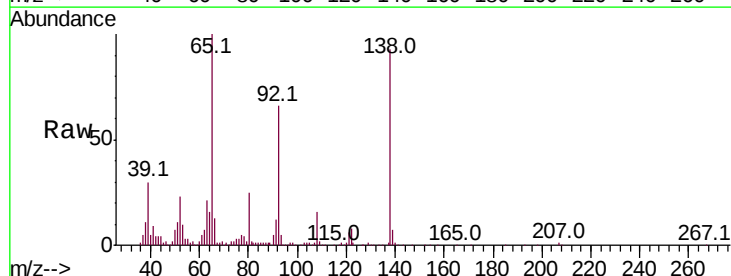
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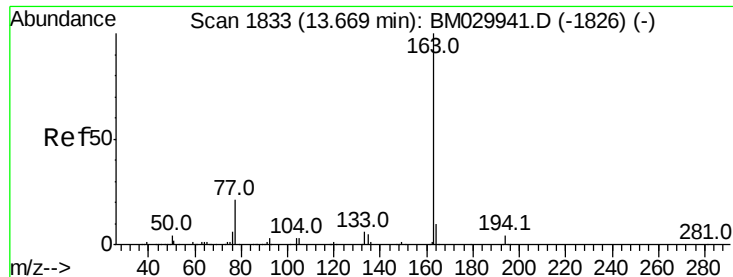
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#45
2-Nitroaniline
Concen: 33.443 ng/ul
RT: 13.28 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155392		
92	65.9	53.2	79.8	
138	93.0	81.1	121.7	





#47

Dimethylphthalate

Concen: 32.138 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM029942.D

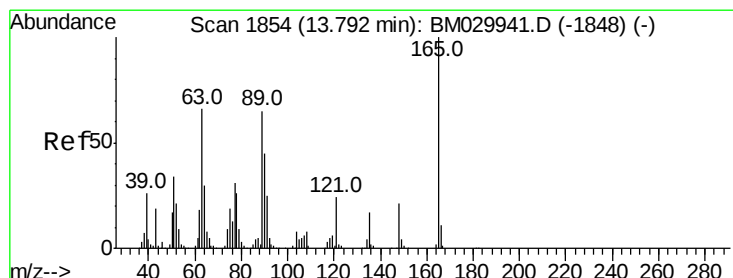
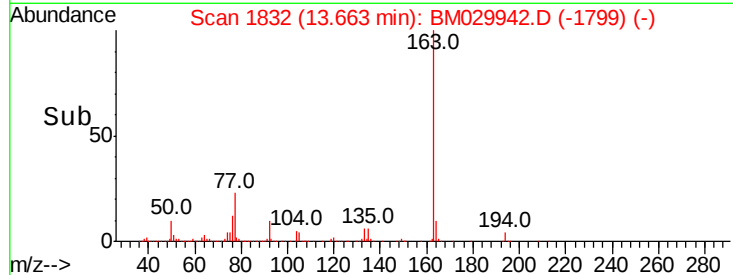
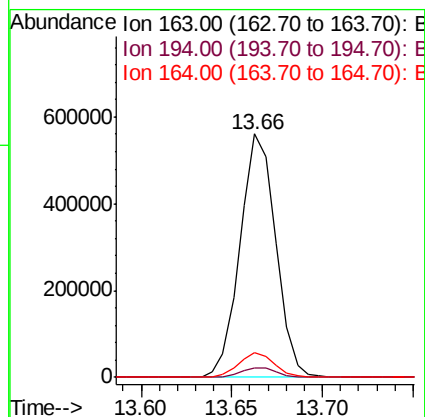
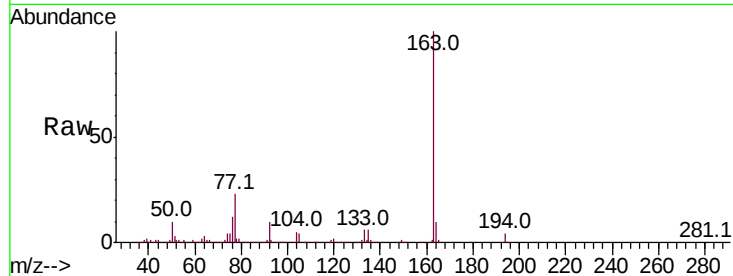
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
163	100	768641		
194	4.0		3.4	5.0
164	10.1		7.8	11.8

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#48

2,6-Dinitrotoluene

Concen: 31.266 ng/ul

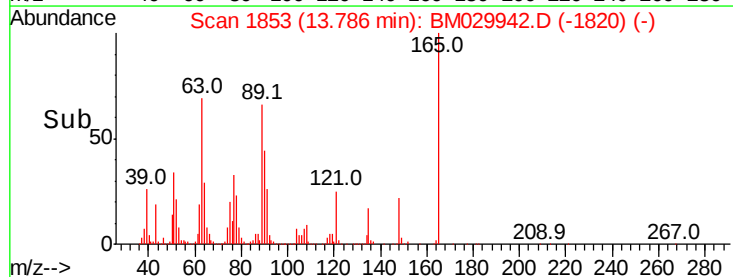
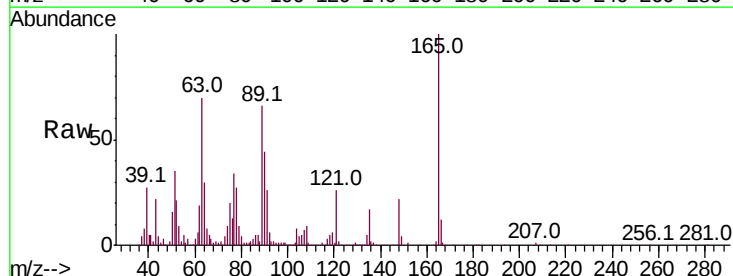
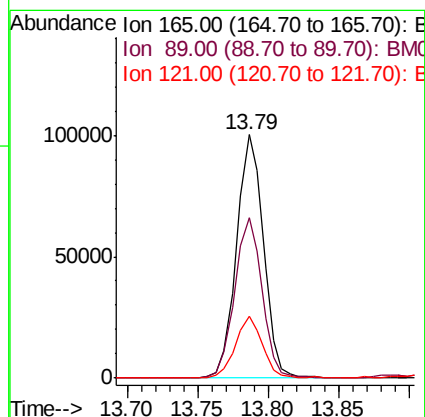
RT: 13.79 min Scan# 1853

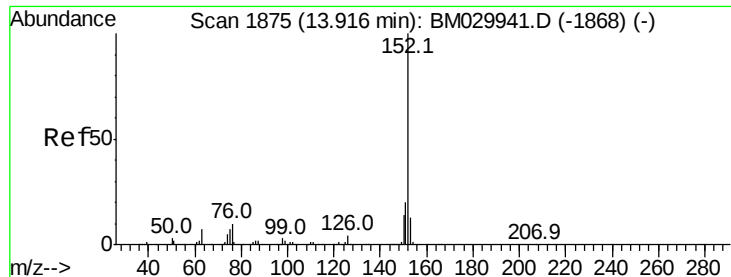
Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134241		
89	65.8		52.5	78.7
121	25.7		18.8	28.2





#50

Acenaphthylene

Concen: 30.402 ng/ul

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

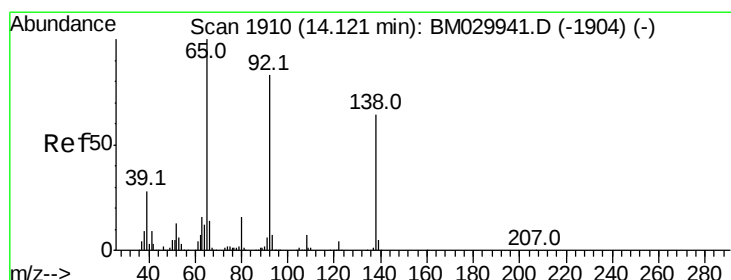
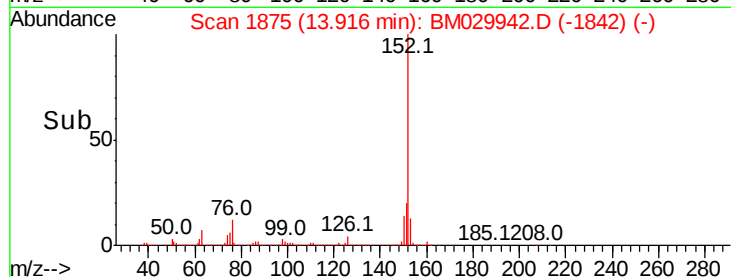
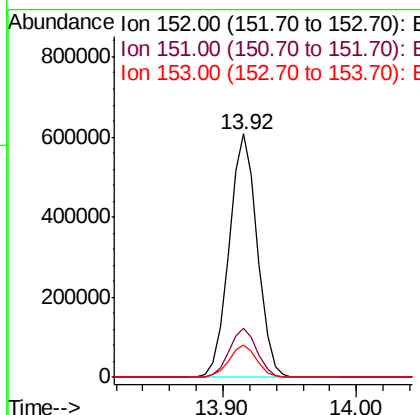
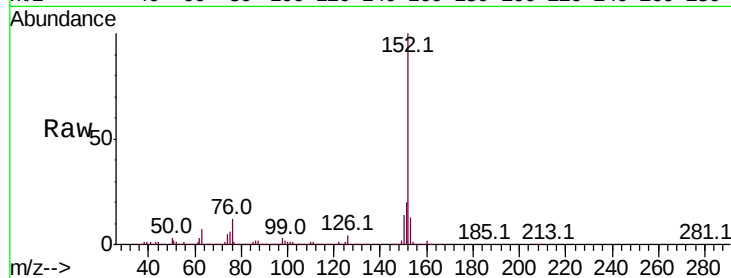
ClientSampleId :

SLCS055

Tot Ion:	152	Resp:	890006
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.6	24.8
153	13.1	10.6	16.0

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#51

3-Nitroaniline

Concen: 26.395 ng/ul

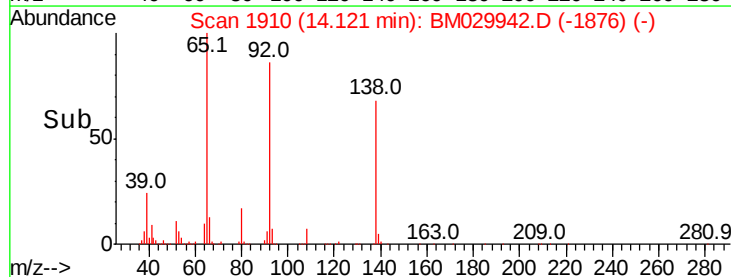
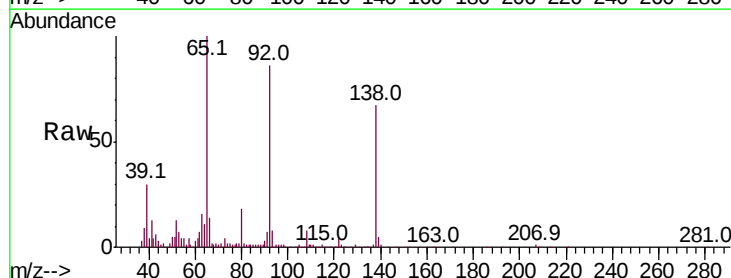
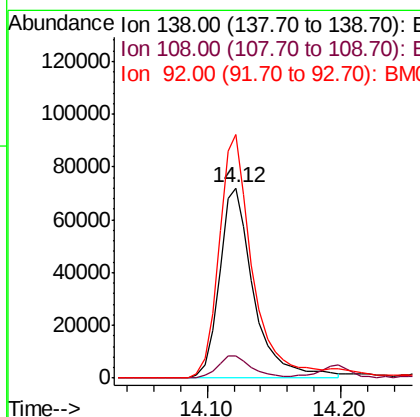
RT: 14.12 min Scan# 1910

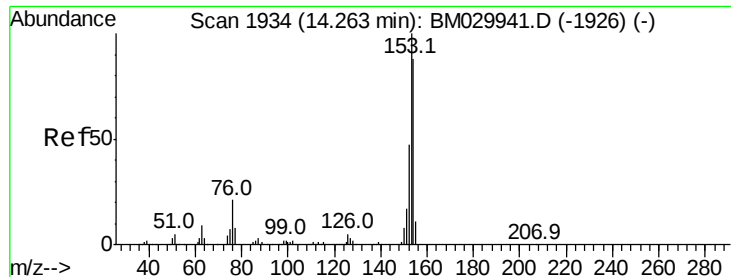
Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:	138	Resp:	127308
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	128.0	100.1	150.1





#52

Acenaphthene

Concen: 31.465 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

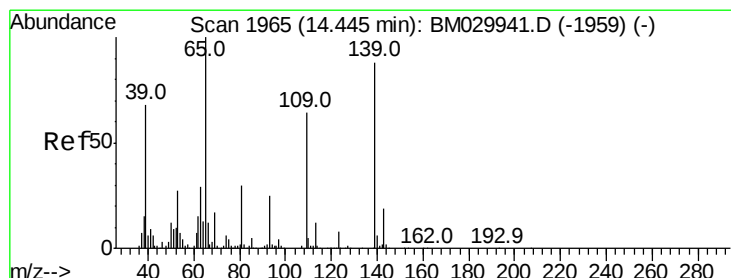
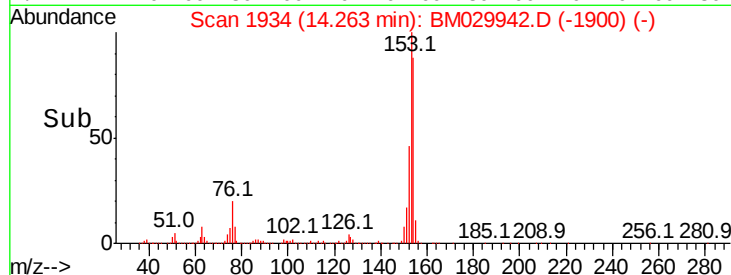
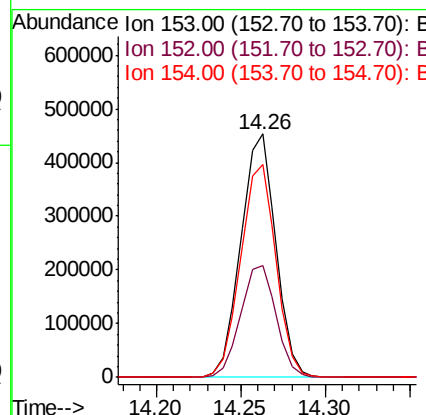
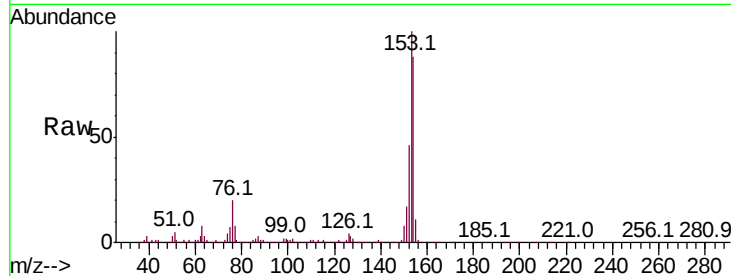
ClientSampleId :

SLCS055

Tot Ion:153	Resp:	651005
Ion Ratio	Lower	Upper
153	100	
152	46.1	37.7 56.5
154	87.6	70.2 105.4

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#55

4-Nitrophenol

Concen: 28.618 ng/ul

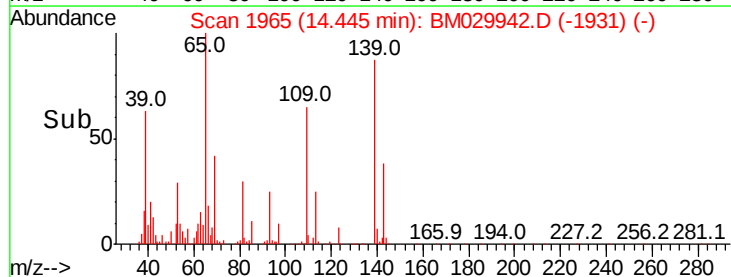
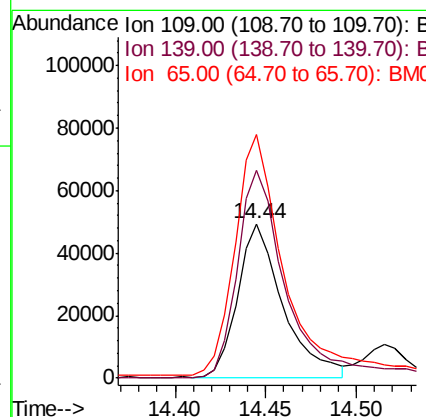
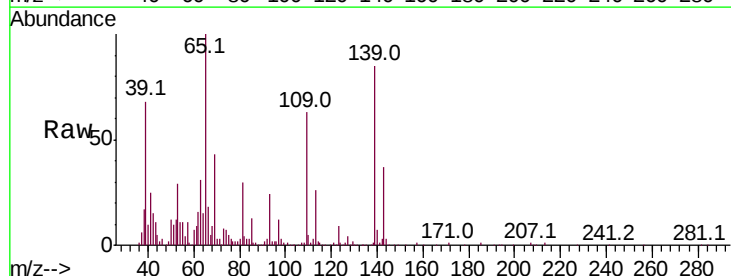
RT: 14.44 min Scan# 1965

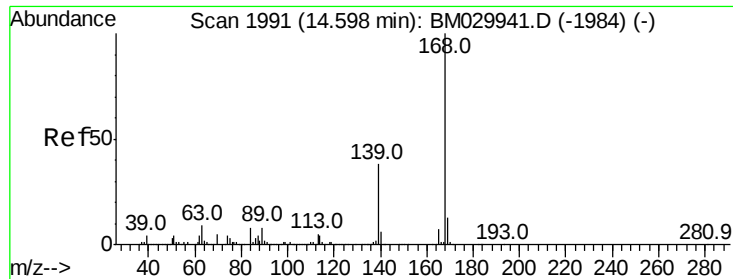
Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Tgt Ion:109	Resp:	85602
Ion Ratio	Lower	Upper
109	100	
139	134.1	102.1 153.1
65	157.5	114.6 172.0





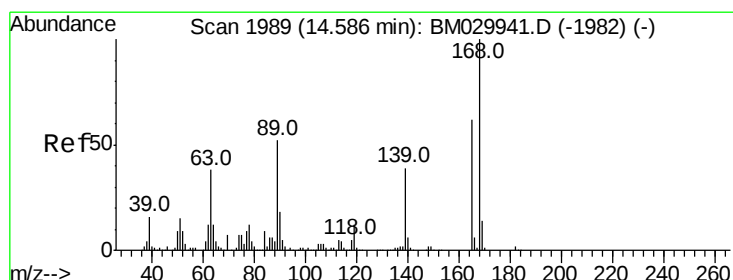
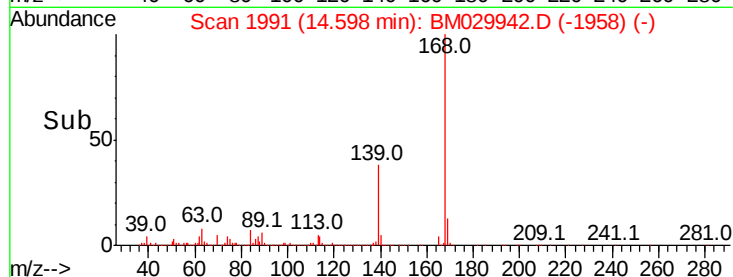
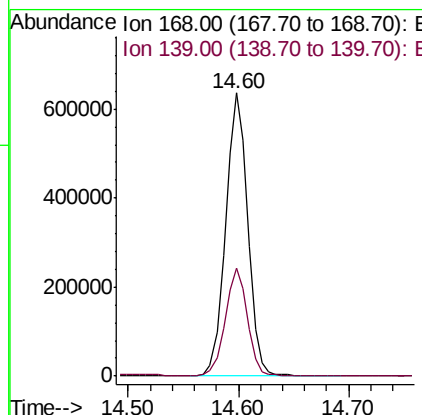
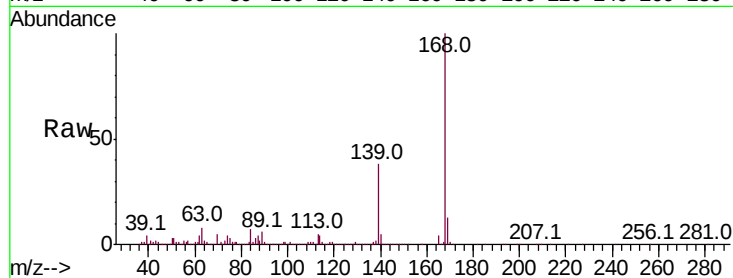
#56
Dibenzenofuran
Concen: 31.405 ng/ul
RT: 14.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6

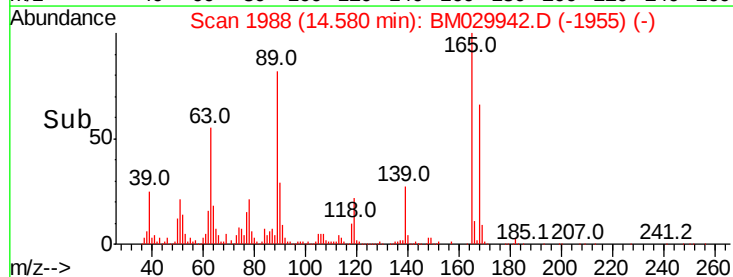
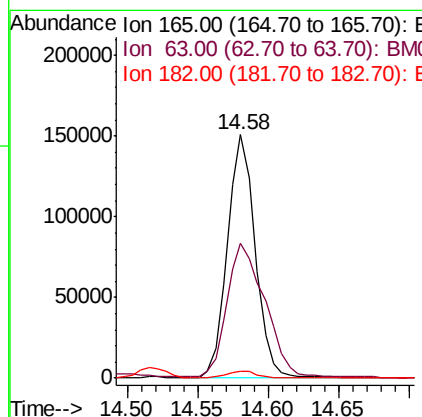
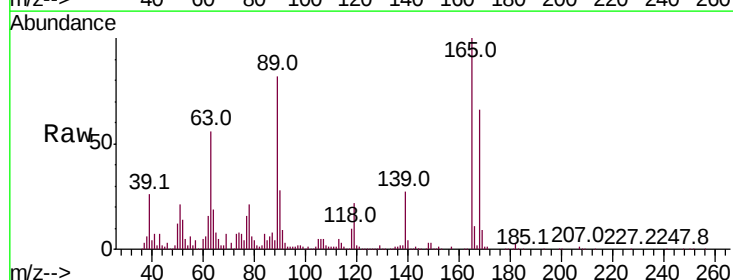
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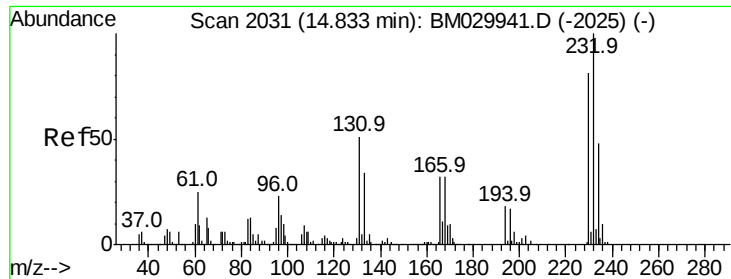
mohammad
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#57
2,4-Dinitrotoluene
Concen: 32.521 ng/ul
RT: 14.58 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.5	40.7	61.1
182	2.7	2.1	3.1





#58

2,3,4,6-Tetrachlorophenol

Concen: 36.563 ng/ul

RT: 14.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

ClientSampleId :

SLCS055

Tot Ion:232 Resp: 213970

Ion Ratio Lower Upper

232 100

131 46.9 38.3 57.5

130 2.7 2.0 3.0

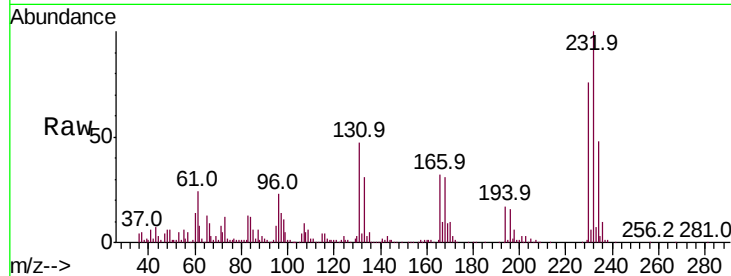
166 32.2 24.6 37.0

Manual Integrations

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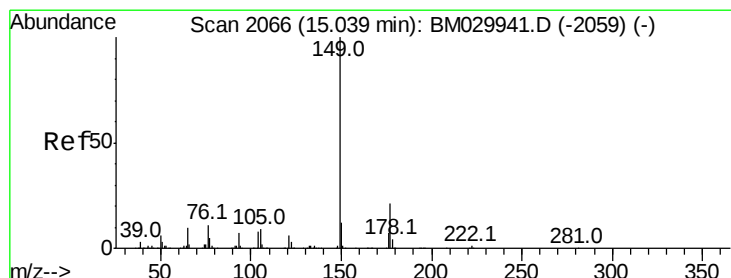
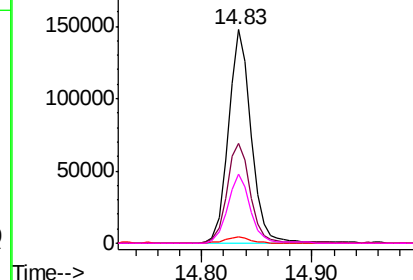
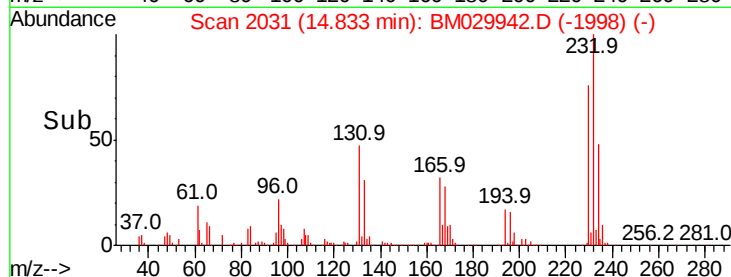
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 33.369 ng/ul

RT: 15.03 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

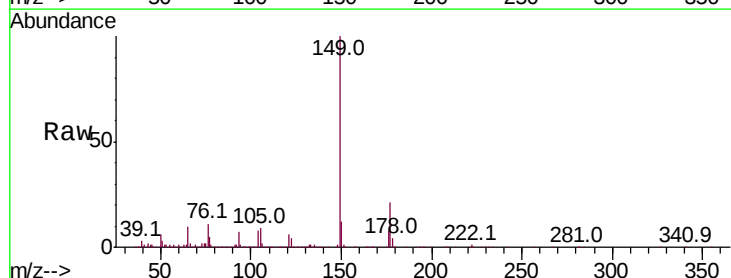
Tgt Ion:149 Resp: 832391

Ion Ratio Lower Upper

149 100

177 21.1 17.2 25.8

150 12.4 10.0 15.0

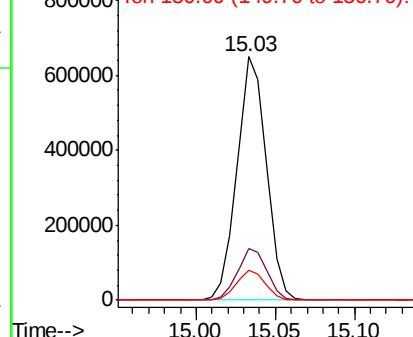
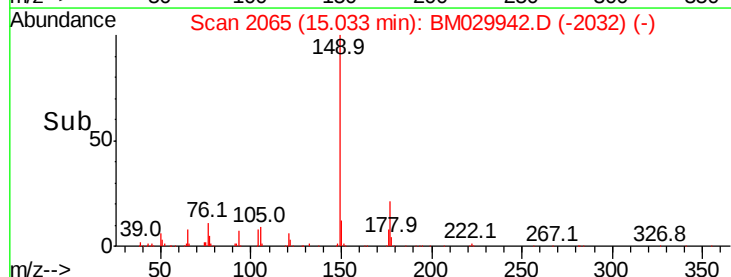


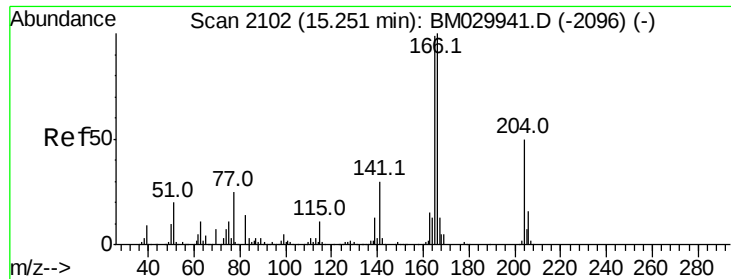
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





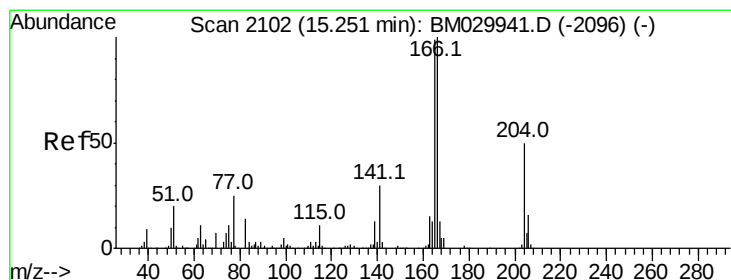
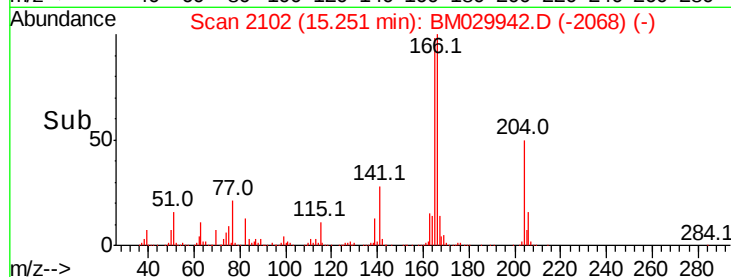
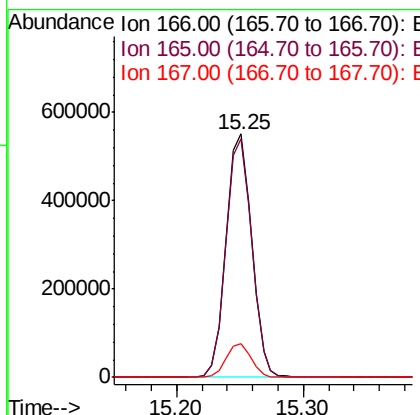
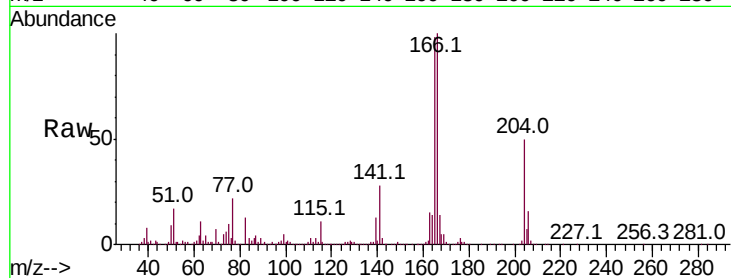
#61
 Fluorene
 Concen: 31.726 ng/ul
 RT: 15.25 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampleID :
 SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
166	100	768571		
165	97.7		78.4	117.6
167	13.6		10.9	16.3

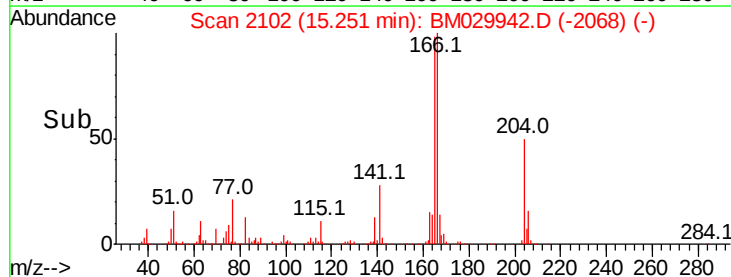
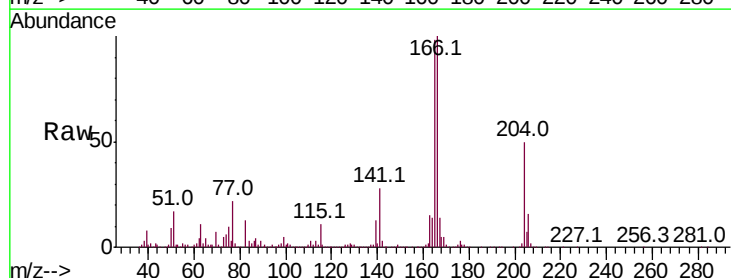
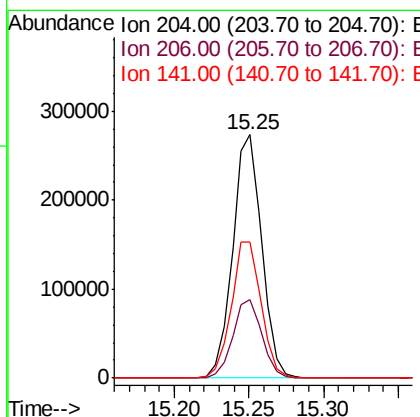
Manual Integrations
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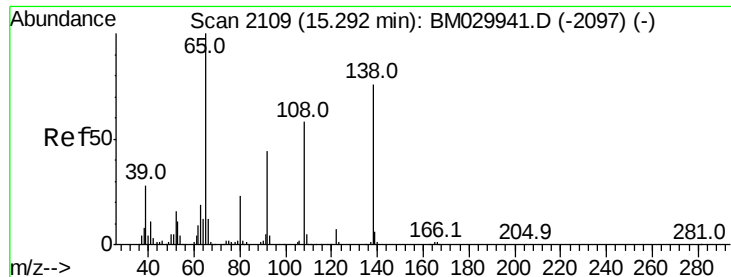
mohammad
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#62
 4-Chlorophenyl-phenylether
 Concen: 31.131 ng/ul
 RT: 15.25 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	370580		
206	32.1		26.2	39.2
141	55.7		47.2	70.8





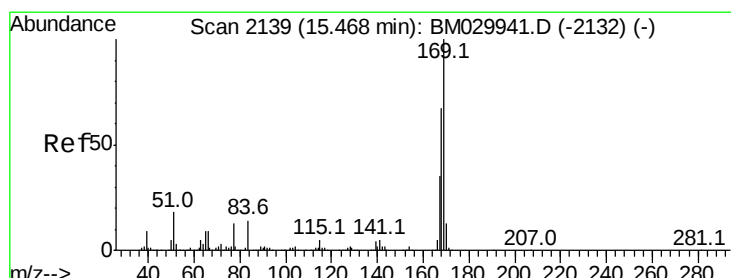
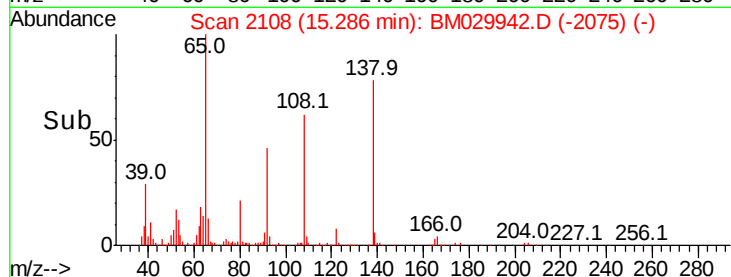
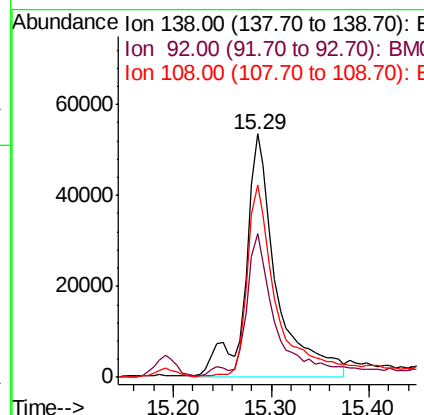
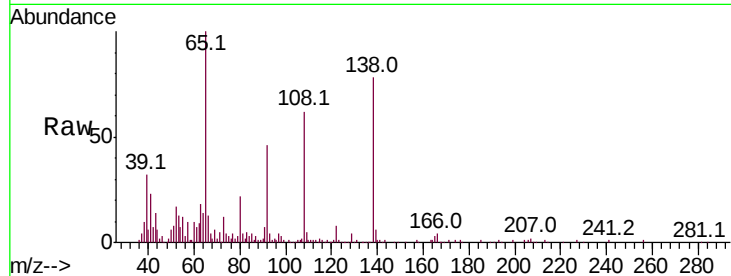
#63
4-Nitroaniline
Concen: 25.031 ng/ul m
RT: 15.29 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
138	100	119673		
92	59.0	44.8	67.2	
108	79.1	65.3	97.9	

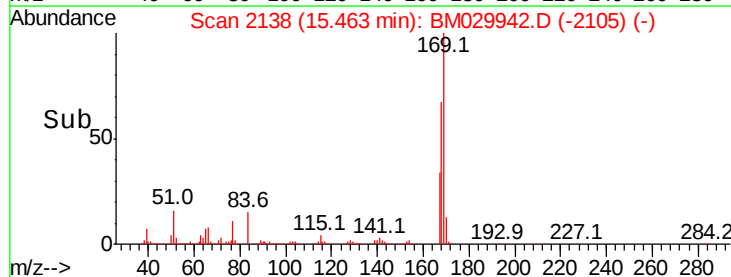
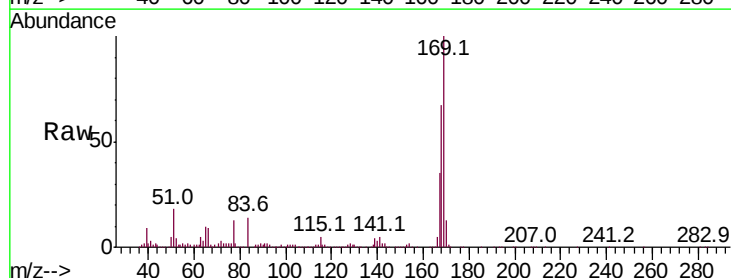
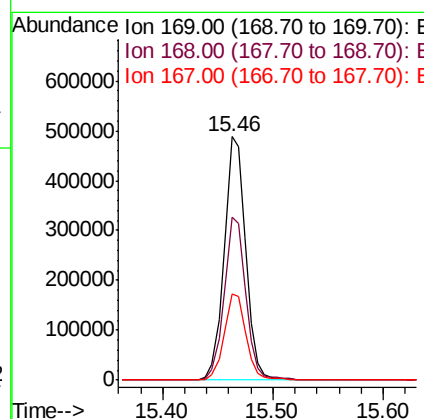
Manual Integrations
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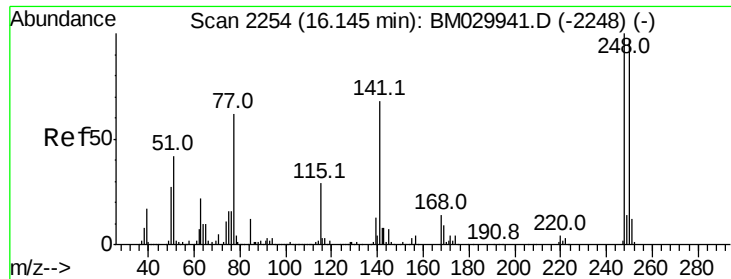
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#67
N-Nitrosodiphenylamine
Concen: 33.263 ng/ul
RT: 15.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	665409		
168	66.8	53.0	79.4	
167	35.2	27.8	41.6	





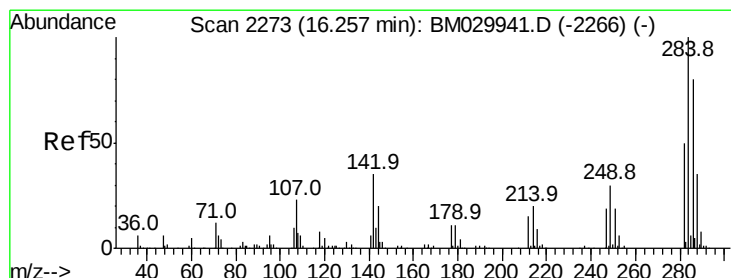
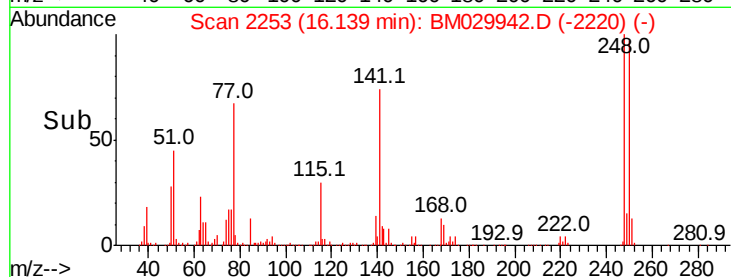
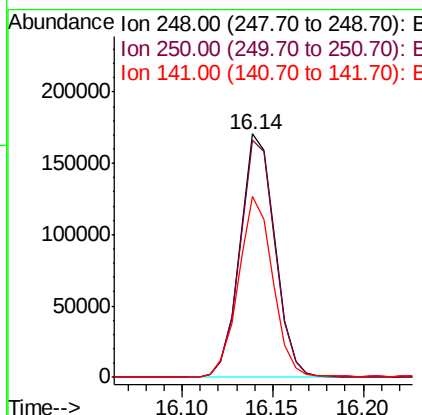
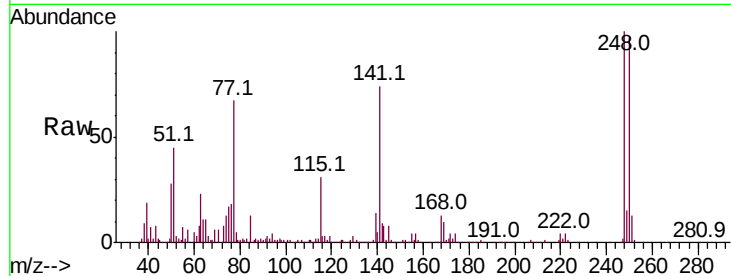
#68
 4-Bromophenyl-phenylether
 Concen: 33.421 ng/ul
 RT: 16.14 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS055

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.5	116.3
141	74.1	55.1	82.7

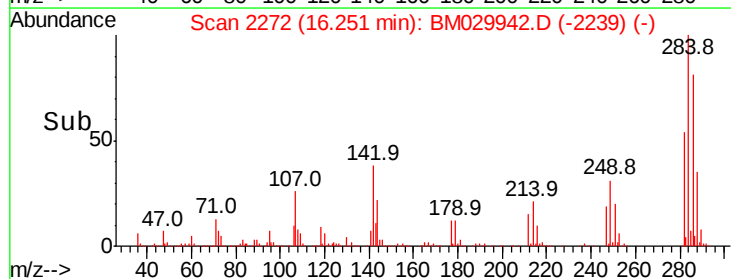
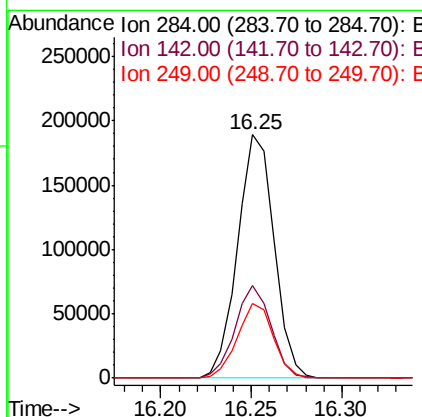
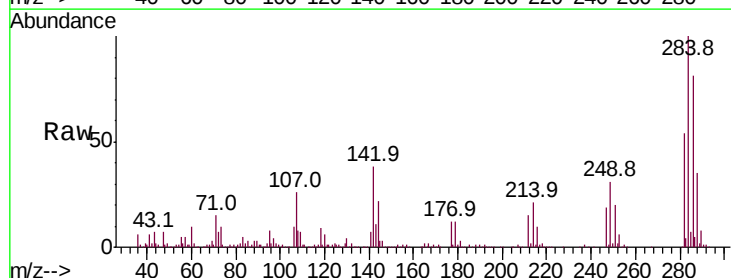
Manual Integrations
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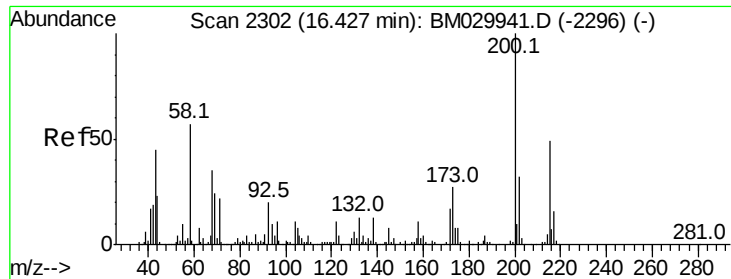
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#69
 Hexachlorobenzene
 Concen: 32.458 ng/ul
 RT: 16.25 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	26.4	39.6
249	30.7	24.5	36.7





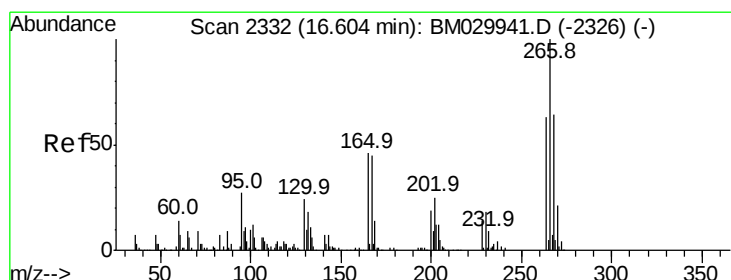
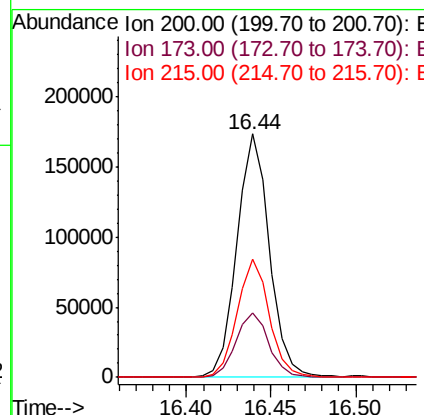
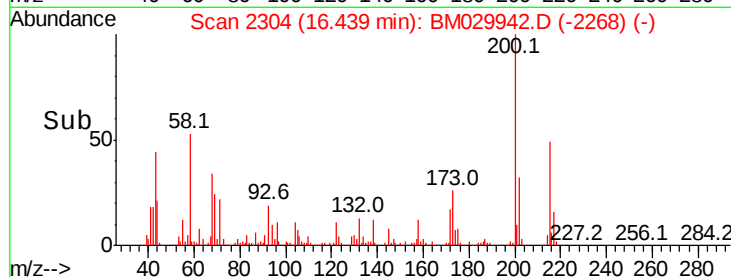
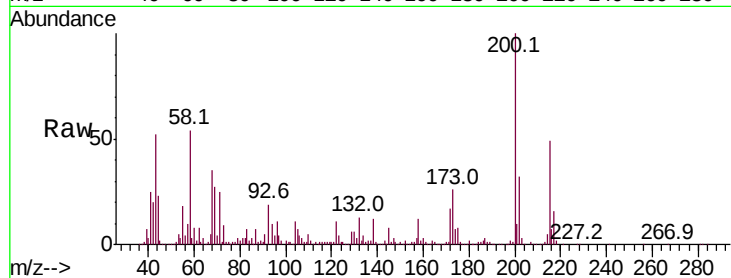
#70
Atrazine
Concen: 31.351 ng/ul
RT: 16.44 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampled :
SLCS055

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	20.5	30.7
215	48.7	38.2	57.2

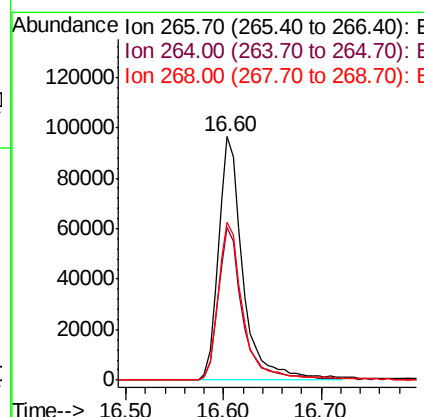
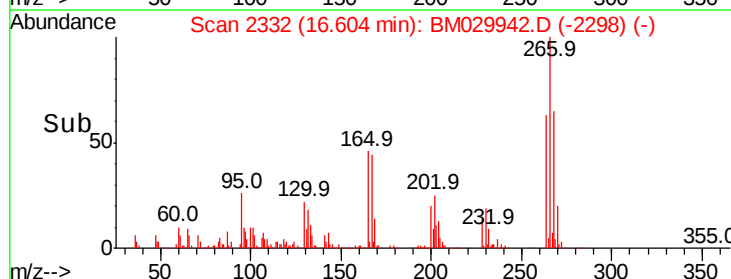
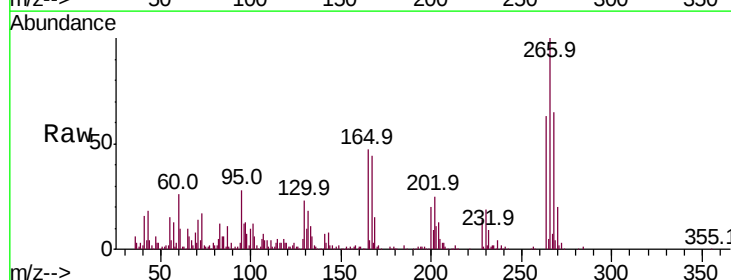
Manual Integrations
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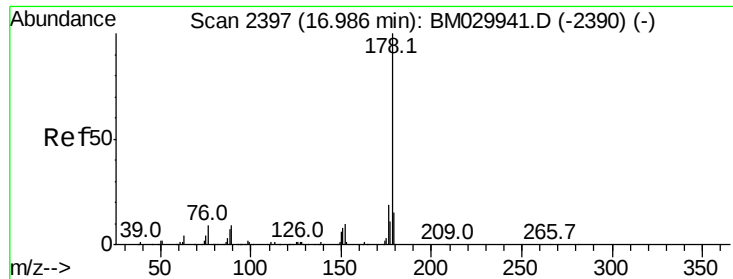
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#71
Pentachlorophenol
Concen: 36.029 ng/ul
RT: 16.60 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.5	49.8	74.8
268	65.0	51.9	77.9





#72

Phenanthrene

Concen: 33.579 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

ClientSampleId :

SLCS055

Tot Ion:178 Resp: 1219273

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

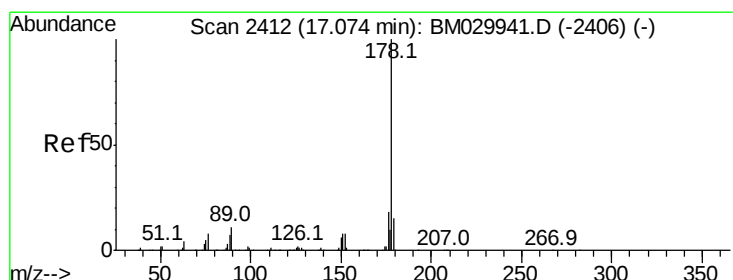
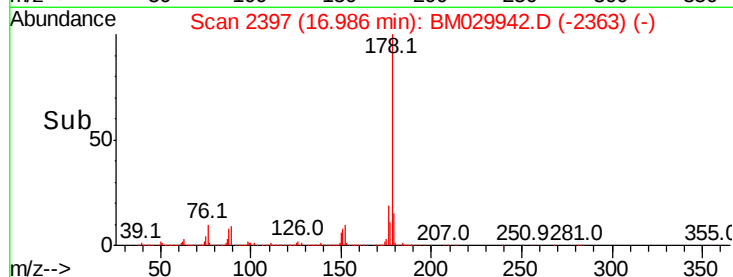
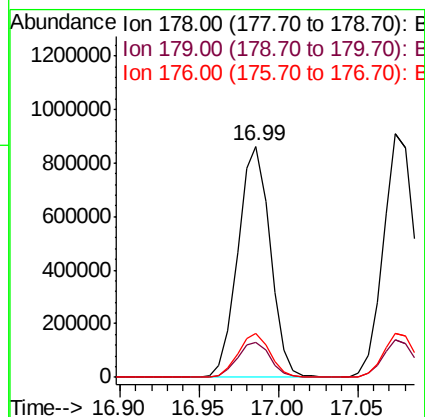
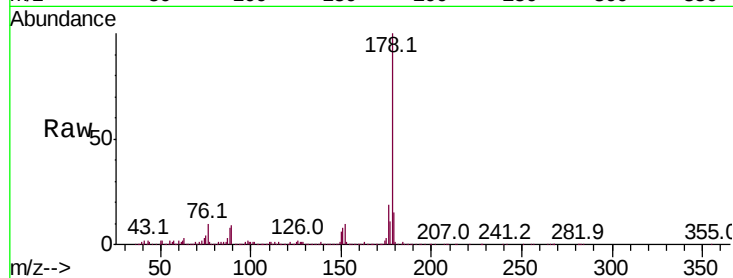
176 18.9 15.0 22.4

Manual Integrations

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#74

Anthracene

Concen: 33.860 ng/ul

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

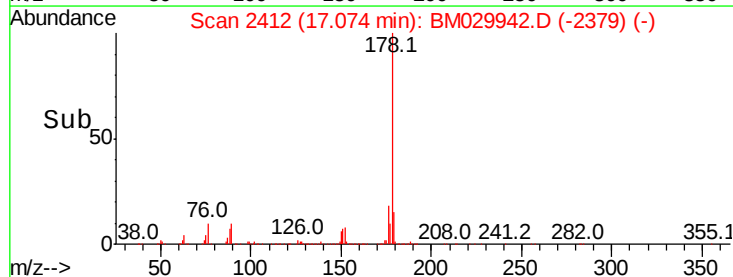
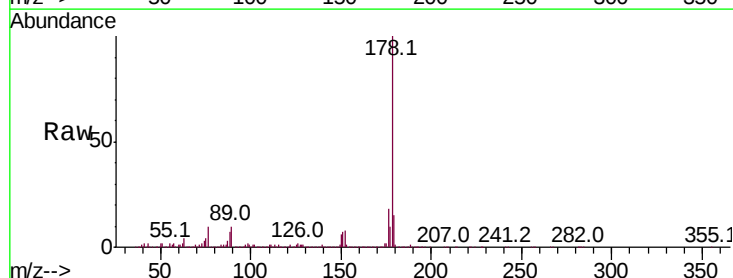
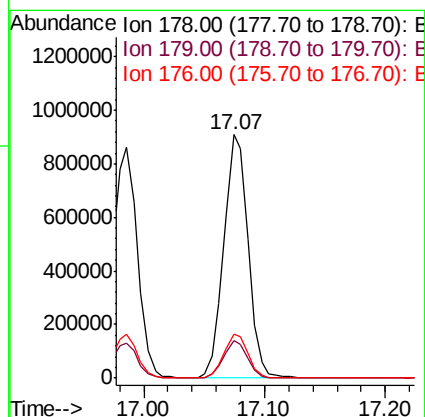
Tgt Ion:178 Resp: 1256944

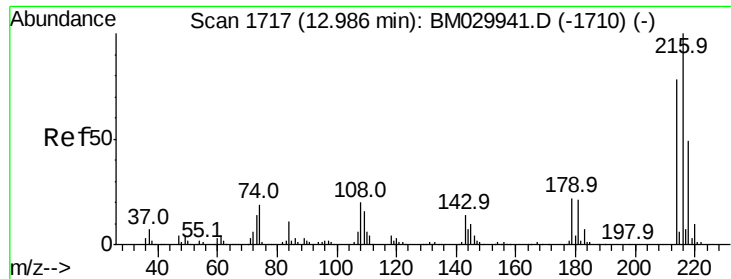
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.2 14.9 22.3





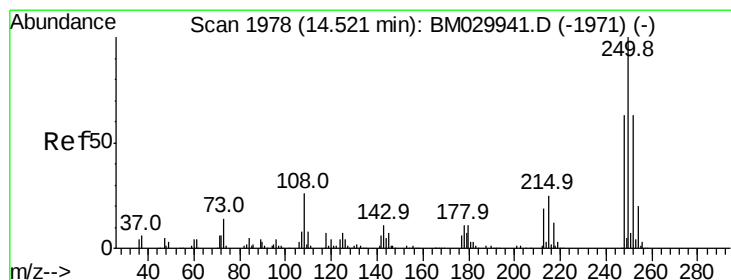
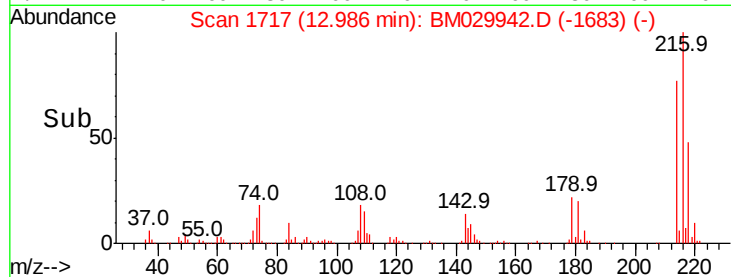
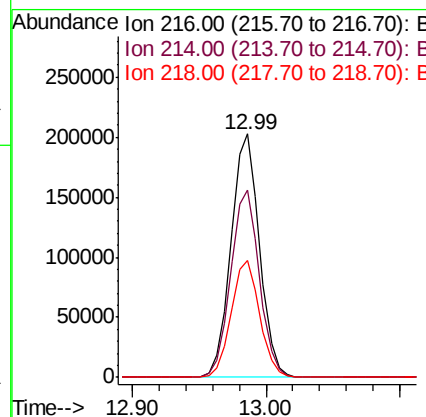
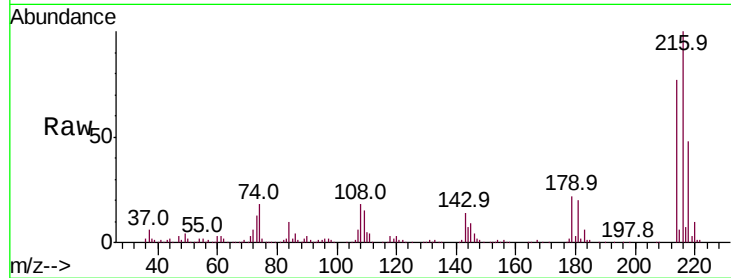
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 31.033 ng/uL
 RT: 12.99 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampled :
 SLCS055

Tot Ion	Ratio	Resp	Lower	Upper
216	100	302293		
214	77.0		63.9	95.9
218	47.8		39.7	59.5

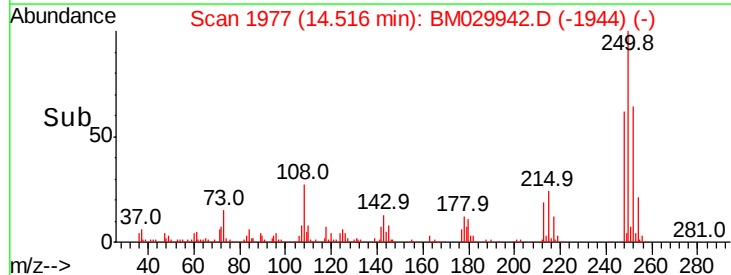
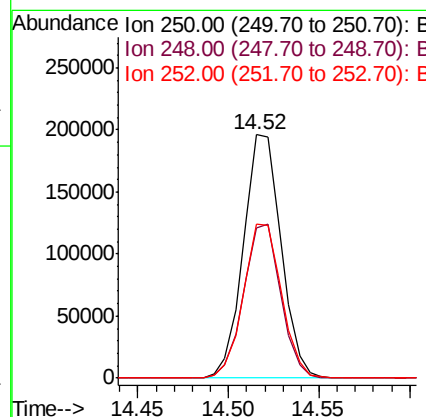
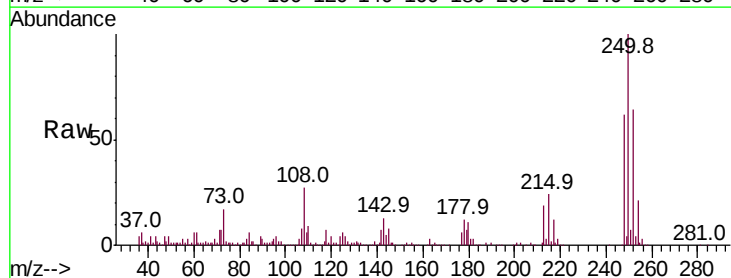
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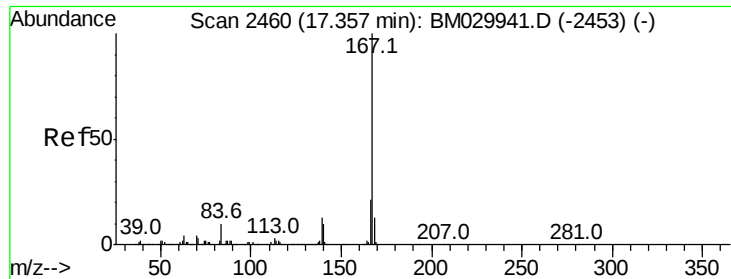
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#76
 Pentachlorobenzene
 Concen: 30.612 ng/uL
 RT: 14.52 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	284370		
248	61.9		51.3	76.9
252	63.5		51.5	77.3





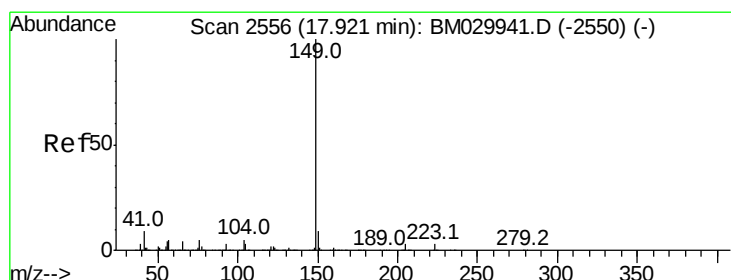
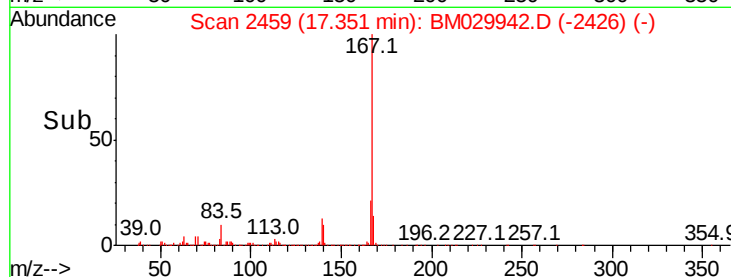
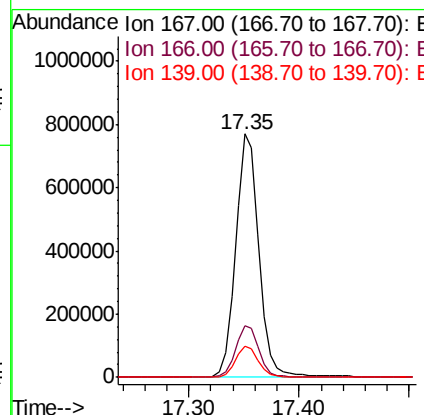
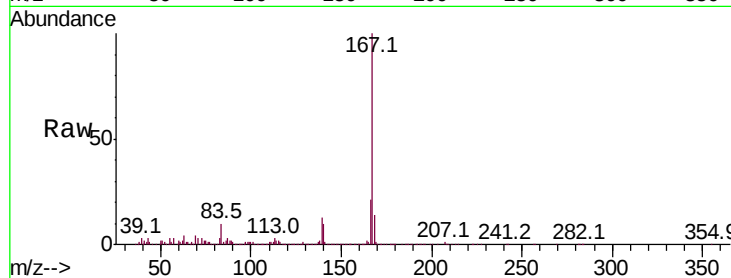
#77
 Carbazole
 Concen: 33.310 ng/ul
 RT: 17.35 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS055

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.8	10.2	15.2

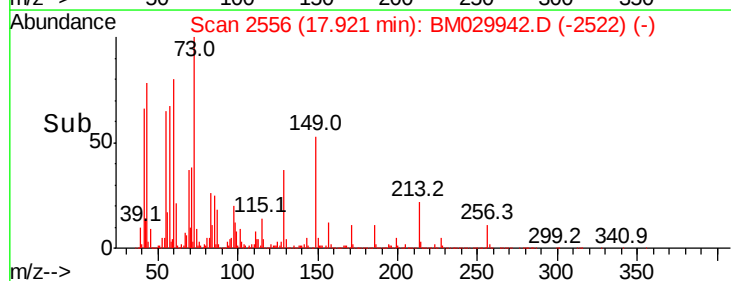
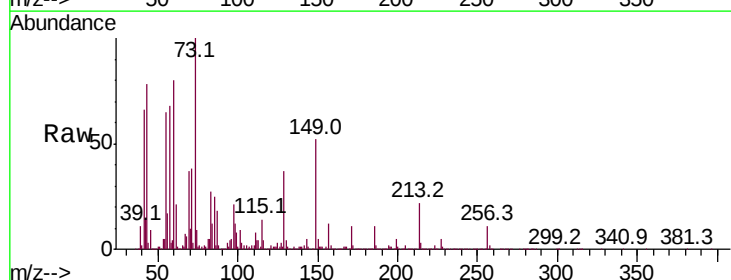
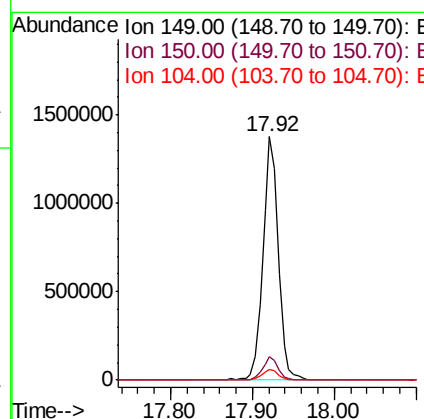
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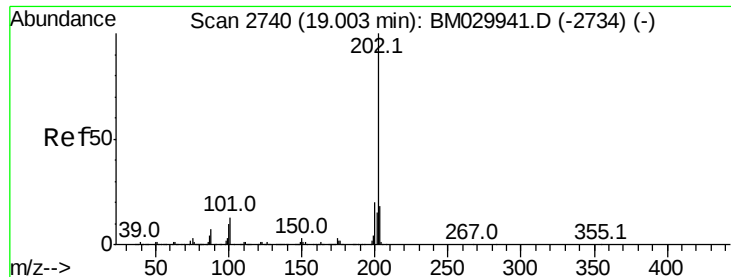
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#78
 Di-n-butylphthalate
 Concen: 44.058 ng/ul
 RT: 17.92 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.6	4.2	6.2





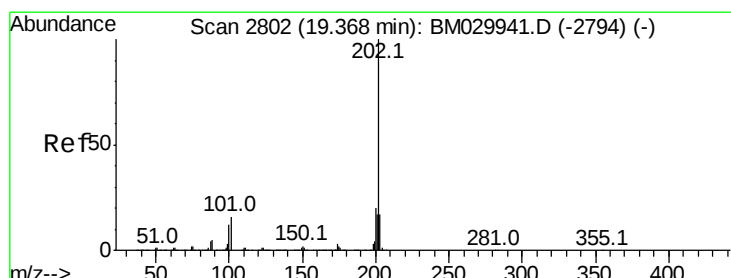
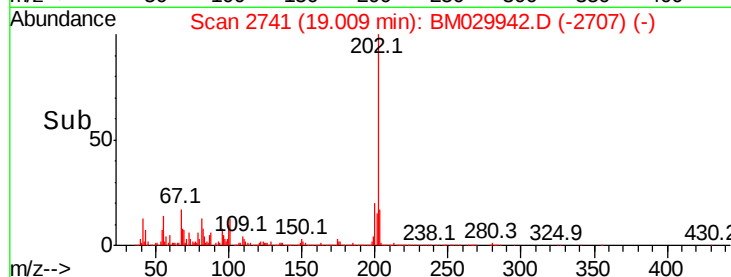
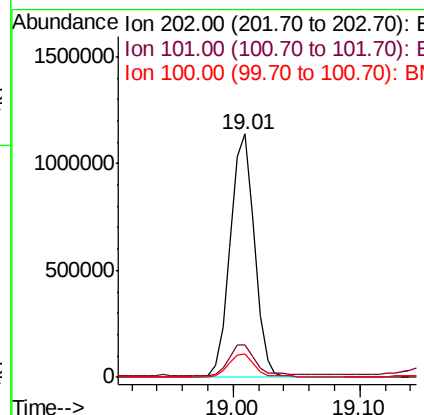
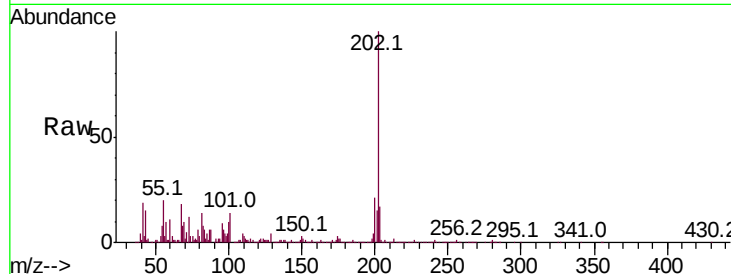
#80
Fluoranthene
Concen: 37.705 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.0	13.4#
100	9.6	7.0	10.6

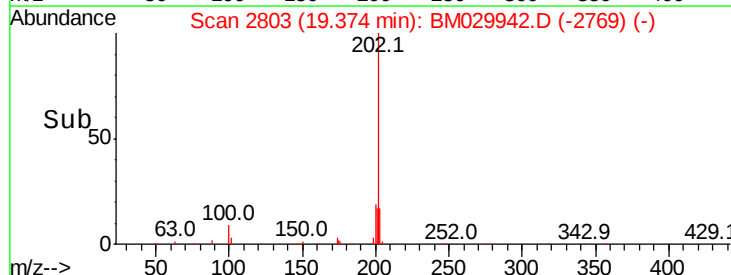
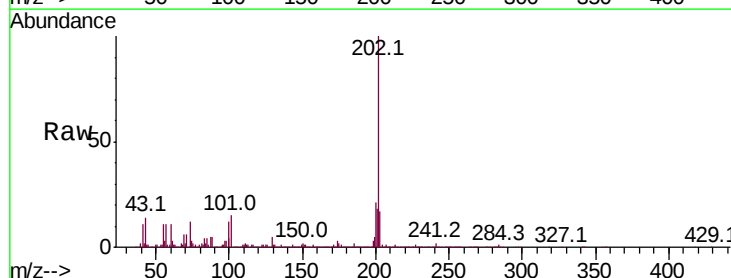
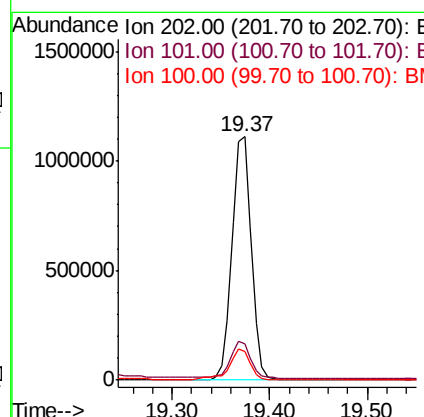
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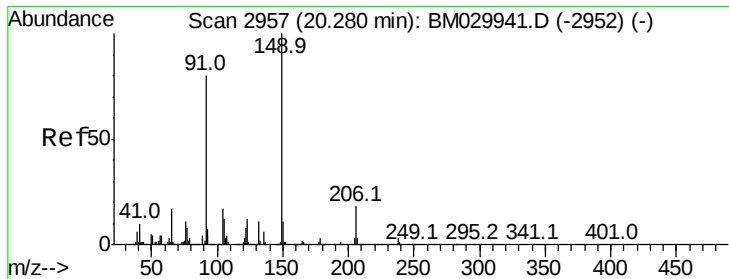
mohammad
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#82
Pyrene
Concen: 36.641 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.8	17.6
100	11.7	9.2	13.8





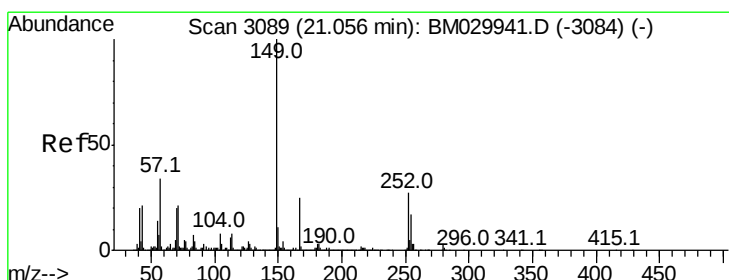
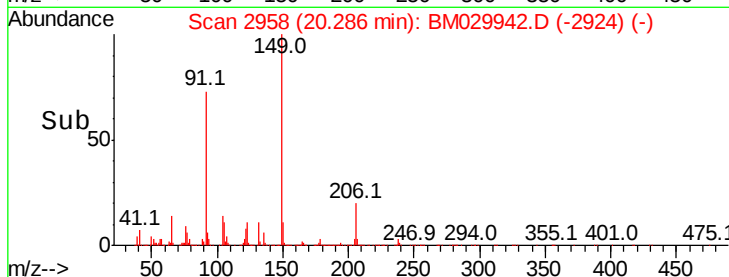
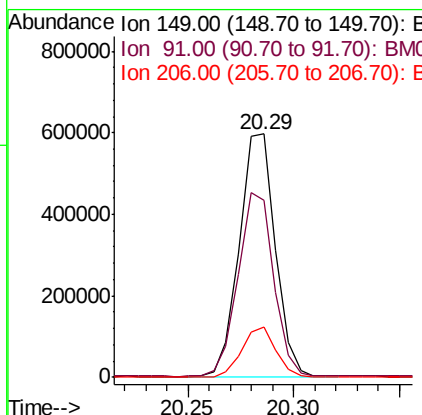
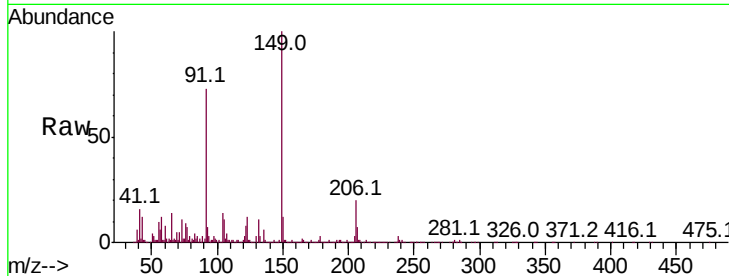
#83
Butylbenzylphthalate
Concen: 47.250 ng/ul
RT: 20.29 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	60.6	91.0
206	20.4	15.4	23.0

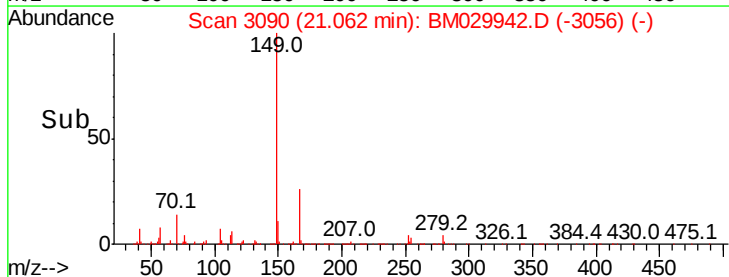
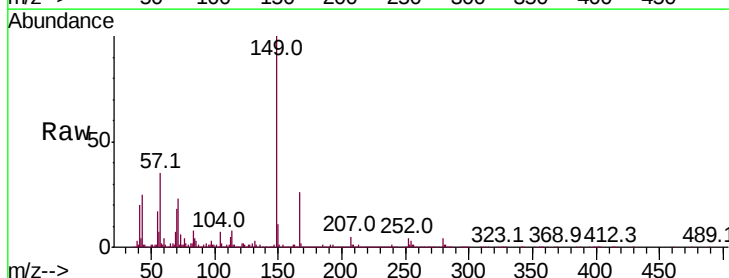
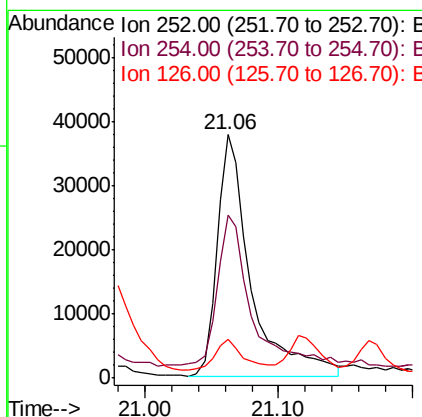
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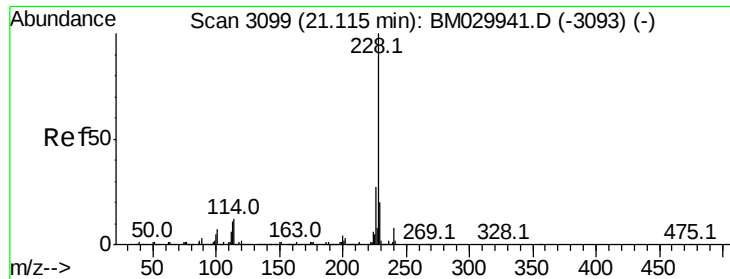
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#84
3,3'-Dichlorobenzidine
Concen: 4.594 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.0	76.6
126	16.2	9.4	14.0





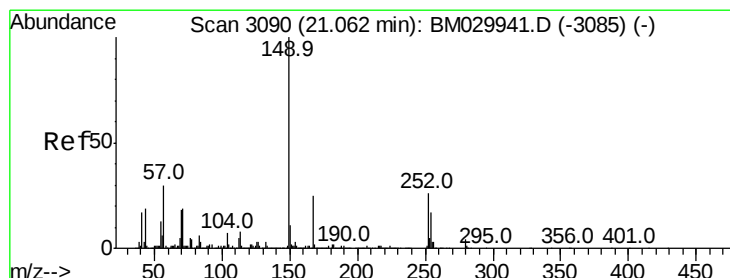
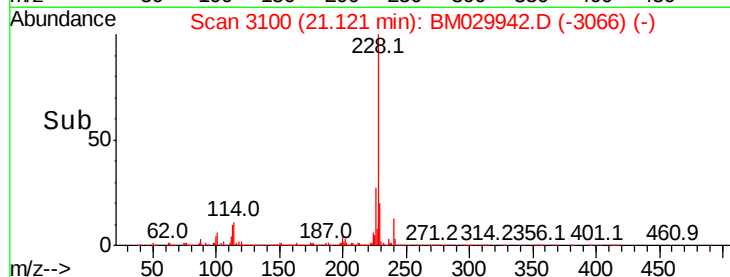
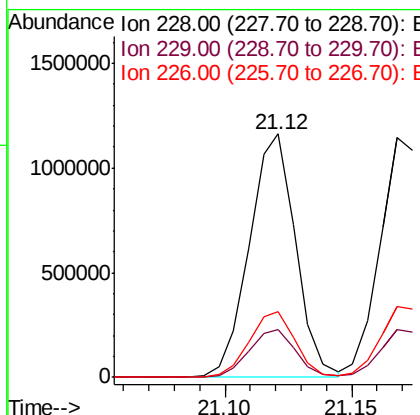
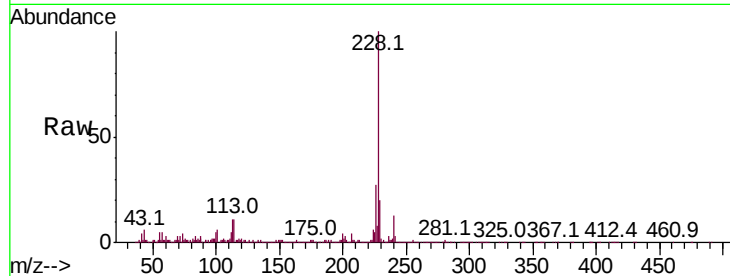
#85
Benzo(a)anthracene
Concen: 35.428 ng/u1
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	26.9	21.4	32.0

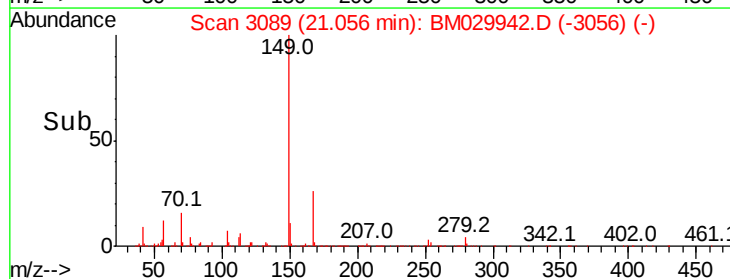
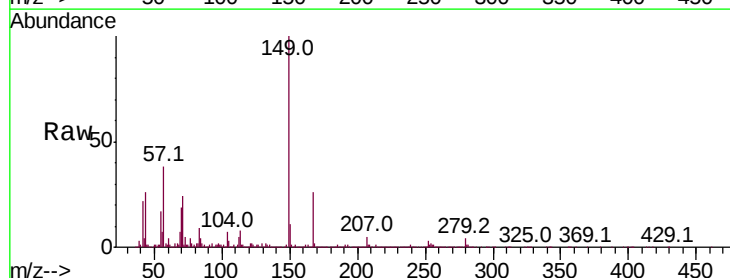
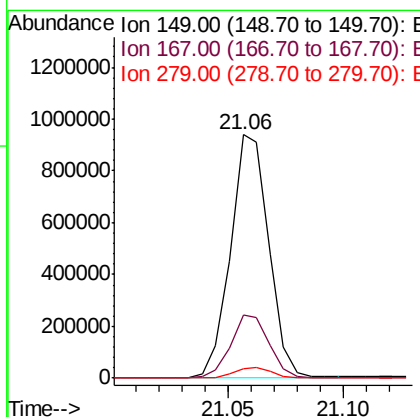
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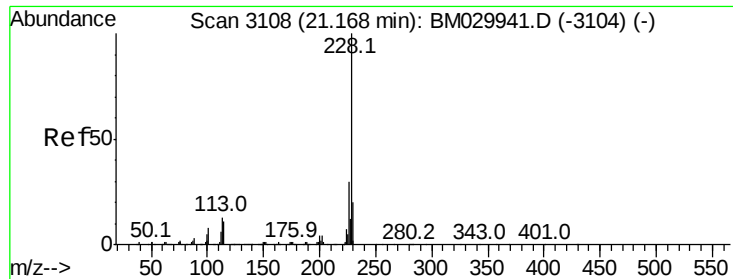
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#86
Bis(2-ethylhexyl)phthalate
Concen: 42.000 ng/u1
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	3.8	3.5	5.3





#87

Chrysene

Concen: 34.599 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

ClientSampleId :

SLCS055

Tot Ion:228 Resp: 1431592

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

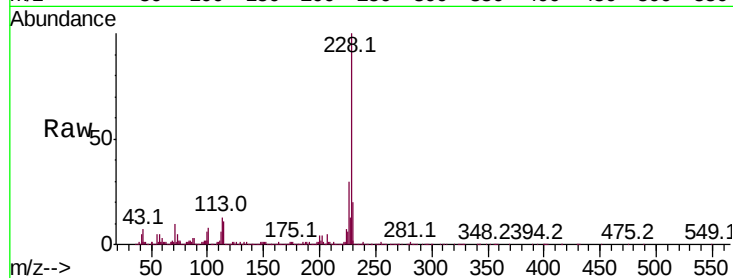
229 20.0 15.6 23.4

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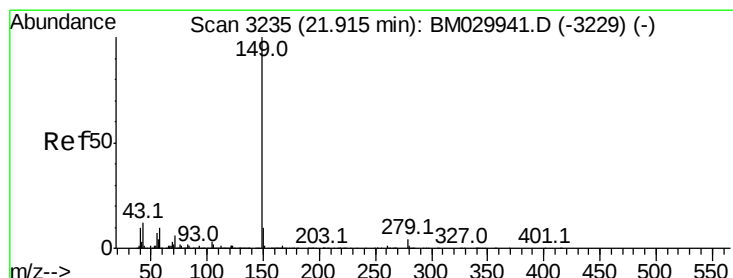
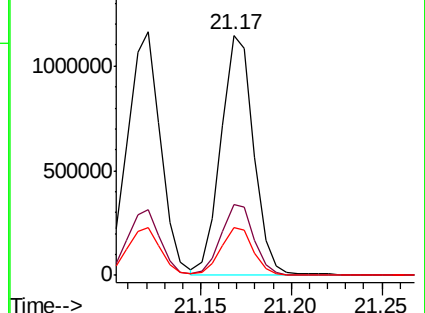
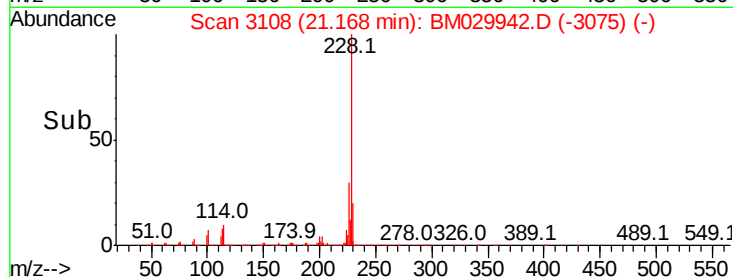
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 36.756 ng/ul

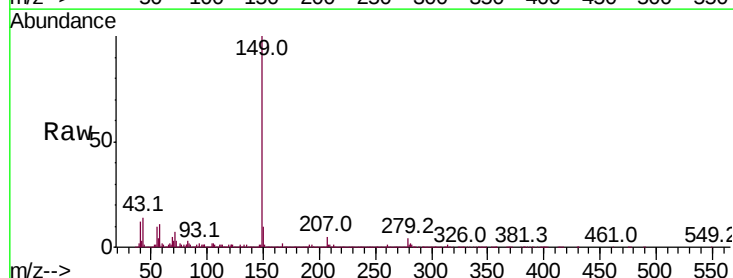
RT: 21.92 min Scan# 3235

Delta R.T. 0.00 min

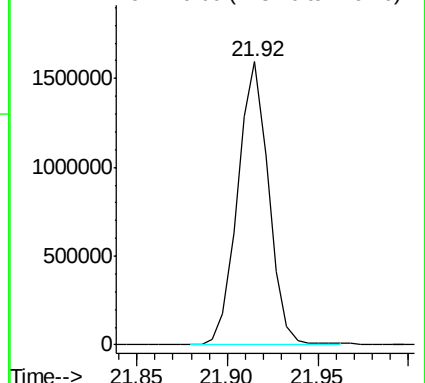
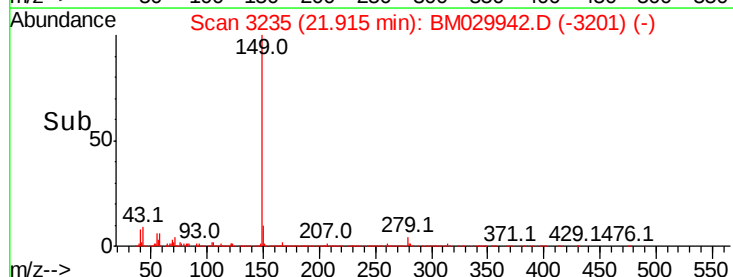
Lab File: BM029942.D

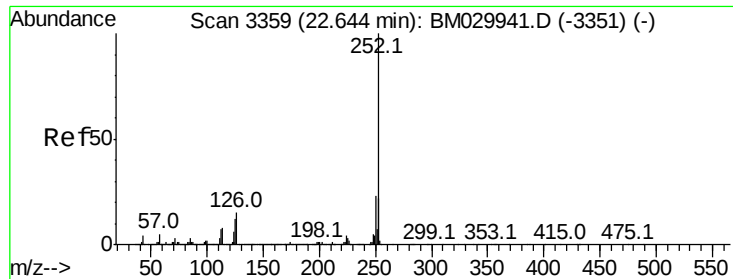
Acq: 11 May 2021 14:34

Tgt Ion:149 Resp: 1877582



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 35.529 ng/u1

RT: 22.64 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

Instrument :

BNA_M

ClientSampleId :

SLCS055

Tot Ion:252 Resp: 1538395

Ion Ratio Lower Upper

252 100

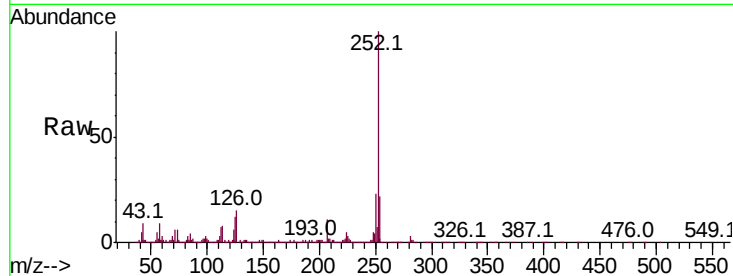
253 22.1 17.4 26.2

125 11.8 8.6 12.8

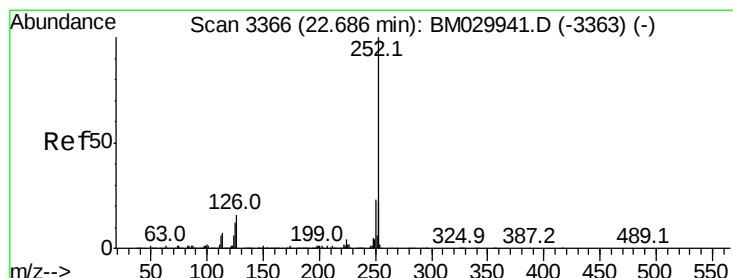
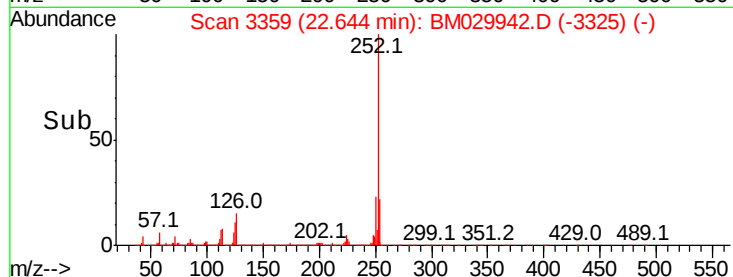
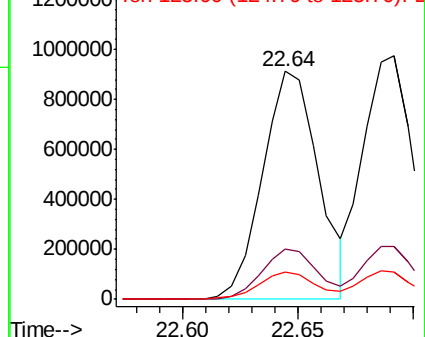
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(k)fluoranthene

Concen: 32.833 ng/u1

RT: 22.69 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BM029942.D

Acq: 11 May 2021 14:34

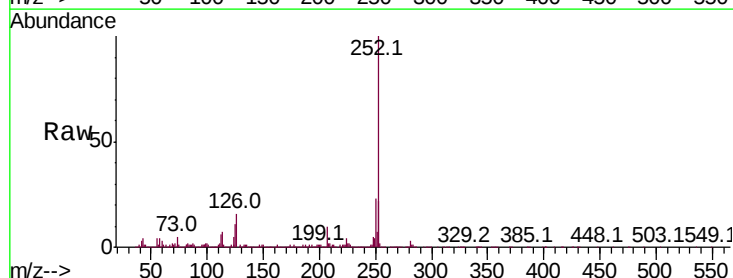
Tgt Ion:252 Resp: 1494610

Ion Ratio Lower Upper

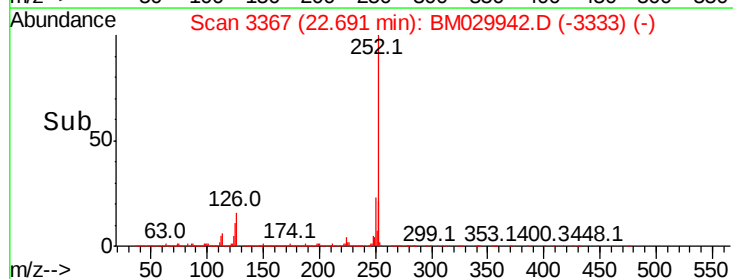
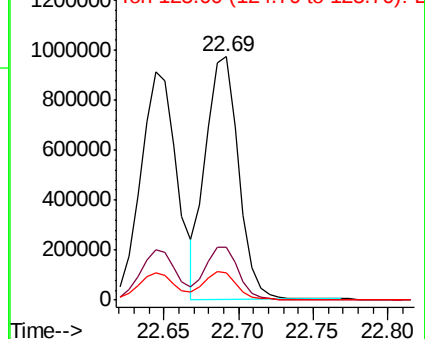
252 100

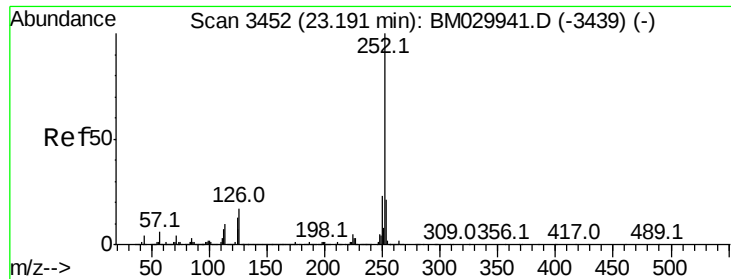
253 21.6 17.8 26.8

125 11.1 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





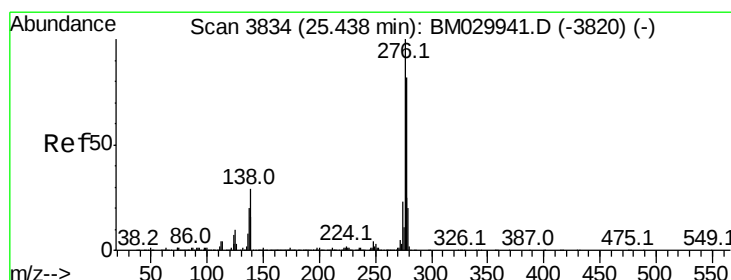
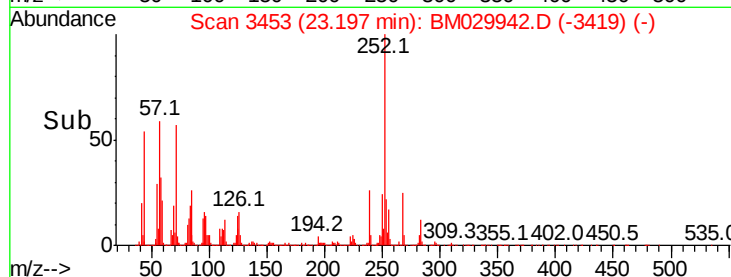
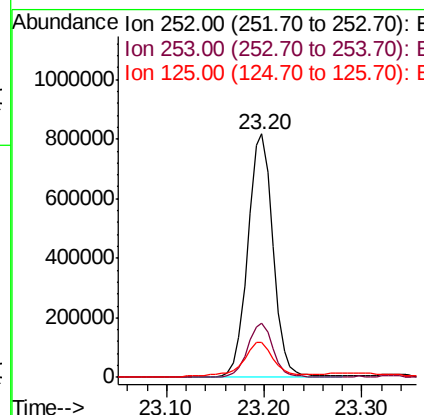
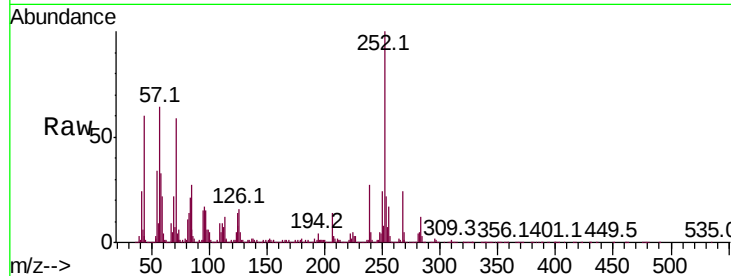
#93
Benzo(a)pyrene
Concen: 37.552 ng/u1
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Instrument :
BNA_M
ClientSampleId :
SLCS055

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.3	9.6	14.4

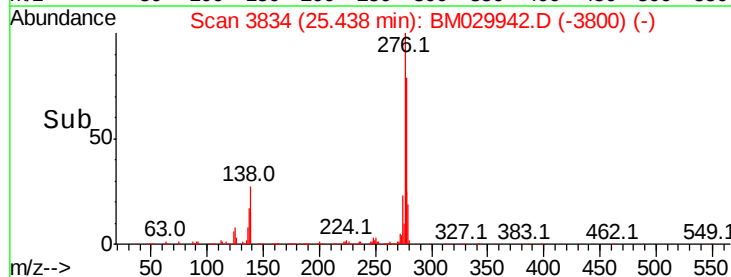
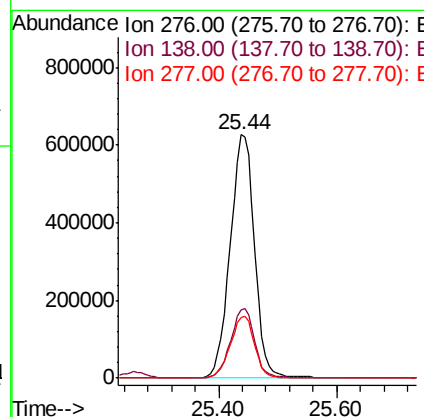
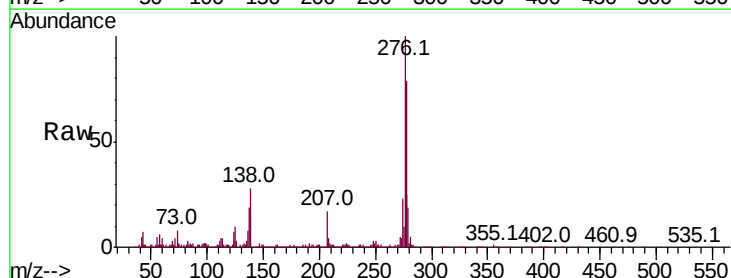
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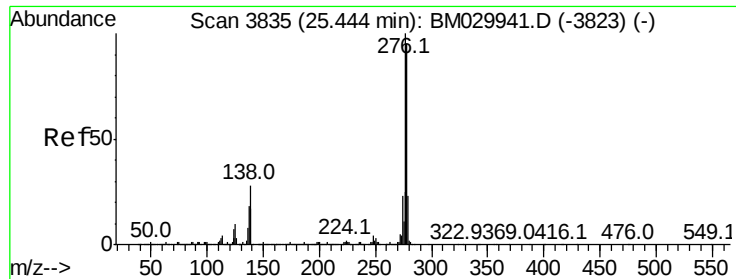
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#94
Indeno(1,2,3-cd)pyrene
Concen: 37.750 ng/u1
RT: 25.44 min Scan# 3834
Delta R.T. 0.00 min
Lab File: BM029942.D
Acq: 11 May 2021 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.1	31.7
277	25.0	20.3	30.5





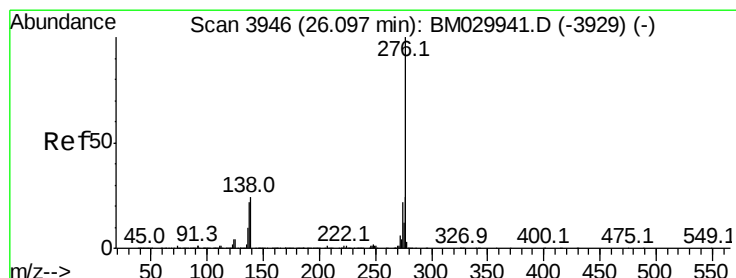
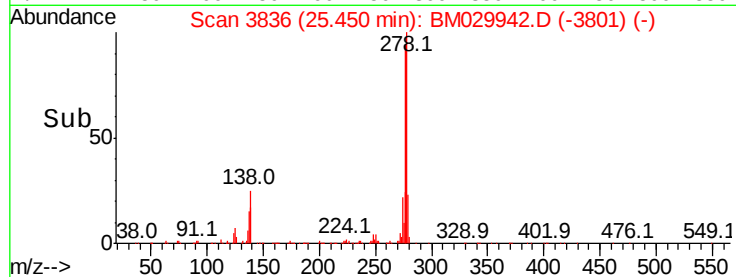
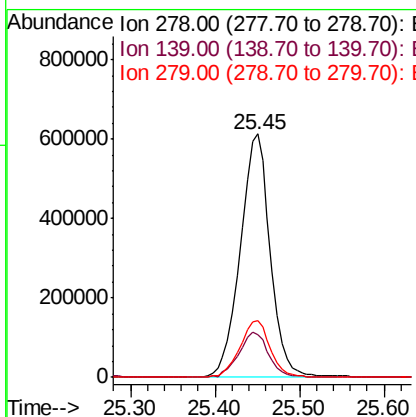
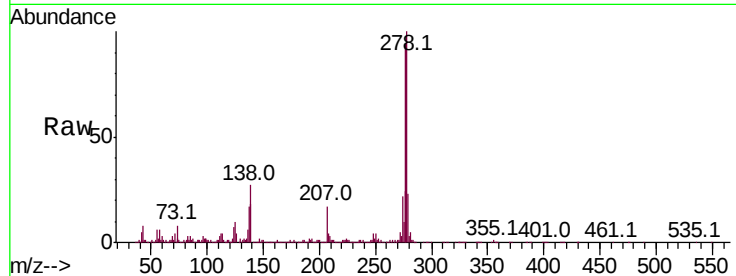
#95
 Dibenzo(a,h)anthracene
 Concen: 37.310 ng/ul
 RT: 25.45 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS055

Tot Ion:	278	Resp:	1505295
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	23.2	18.6	28.0

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#96
 Benzo(g,h,i)perylene
 Concen: 37.758 ng/ul
 RT: 26.10 min Scan# 3946
 Delta R.T. 0.01 min
 Lab File: BM029942.D
 Acq: 11 May 2021 14:34

Tgt Ion:	276	Resp:	1456120
Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.8	26.8
277	23.3	18.5	27.7

