

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011720\
 Data File : BE101091.D
 Acq On : 17 Jan 2020 18:57
 Operator : JU
 Sample : L1167-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PF-1MSD

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:57:29 AM

Quant Time: Jan 17 23:36:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1162	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	4770	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3537	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10665	0.40	ng	0.00
27) Chrysene-d12	21.27	240	22750	0.40	ng	-0.01
34) Perylene-d12	23.68	264	24951	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1129	0.43	ng	0.00
5) Phenol-d6	6.90	99	1582	0.48	ng	-0.02
8) Nitrobenzene-d5	8.87	82	1245	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	2921	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.85	330	356	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4660	0.35	ng	-0.02
25) Fluoranthene-d10	19.12	212	69558	0.47	ng	-0.01
29) Terphenyl-d14	19.73	244	15886	0.28	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	915	0.293	ng	# 27
3) n-Nitrosodimethylamine	3.58	42	821	0.508	ng	# 73
6) bis(2-Chloroethyl)ether	7.15	93	1070	0.272	ng	98
9) Naphthalene	10.55	128	19442	0.367	ng	# 98
10) Hexachlorobutadiene	10.83	225	767	0.342	ng	98
12) 2-Methylnaphthalene	12.17	142	2909	0.363	ng	96
16) Acenaphthylene	14.07	152	4927	0.342	ng	99
17) Acenaphthene	14.41	154	3410	0.331	ng	98
18) Fluorene	15.39	166	4521	0.347	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1480	0.285	ng	94
21) Hexachlorobenzene	16.40	284	1561	0.274	ng	100
22) Pentachlorophenol	16.76	266	196	0.348	ng	93
23) Phenanthrene	17.13	178	9706	0.333	ng	99
24) Anthracene	17.23	178	9621	0.350	ng	96
26) Fluoranthene	19.15	202	19400	0.532	ng	100
28) Pyrene	19.51	202	22636	0.267	ng	99
30) Benzo(a)anthracene	21.26	228	26154	0.403	ng	97
31) Chrysene	21.30	228	33518	0.347	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	70364	0.650	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	23280	0.305	ng	# 95
35) Benzo(b)fluoranthene	22.95	252	24432	0.349	ng	97
36) Benzo(k)fluoranthene	22.99	252	31890m	0.314	ng	
37) Benzo(a)pyrene	23.58	252	24682	0.365	ng	98
38) Dibenzo(a,h)anthracene	26.25	278	17747	0.285	ng	97
39) Benzo(g,h,i)perylene	27.01	276	21135	0.276	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

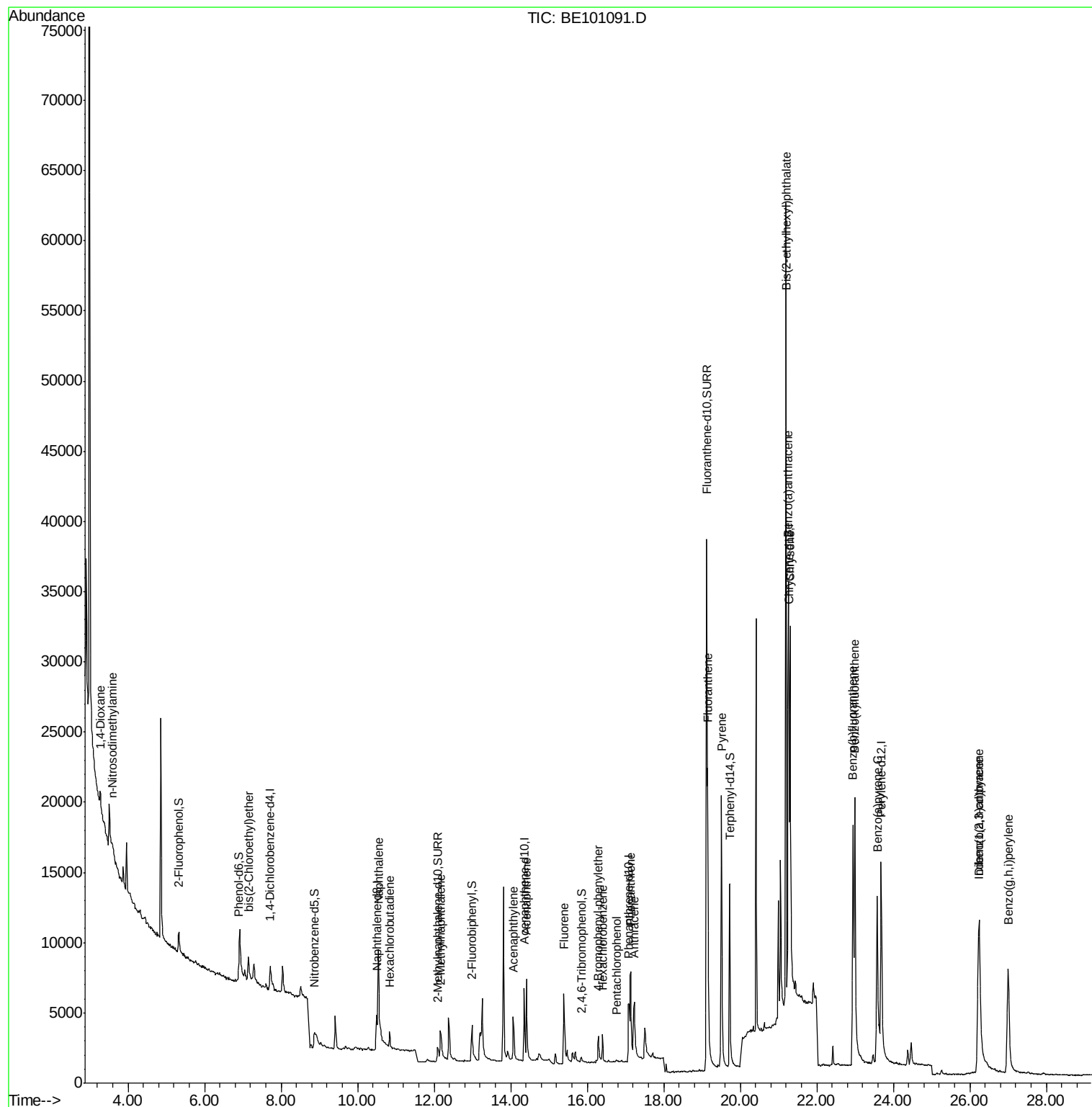
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011720\
Data File : BE101091.D
Acq On : 17 Jan 2020 18:57
Operator : JU
Sample : L1167-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

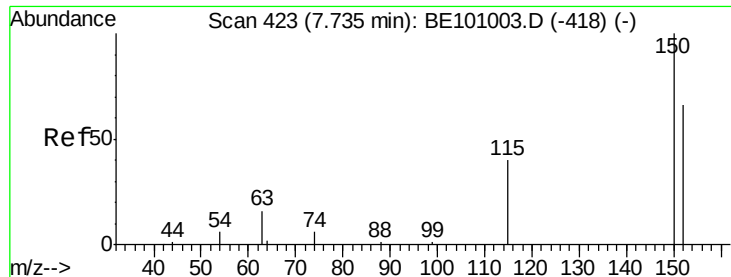
Instrument :
BNA_E
ClientSampleId :
PF-1MSD

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1/21/2020 7:57:29 AM

Quant Time: Jan 17 23:36:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

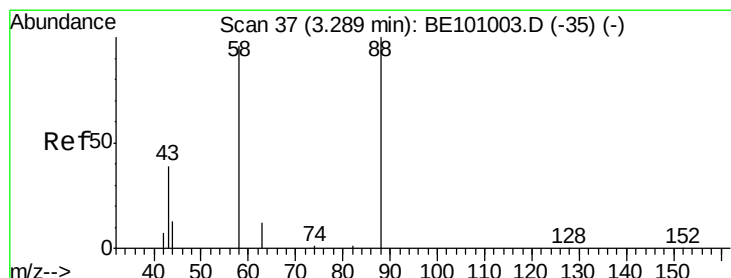
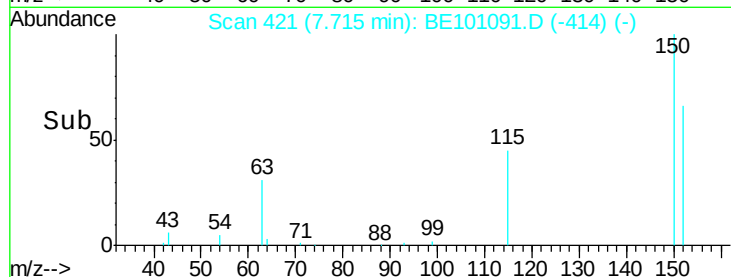
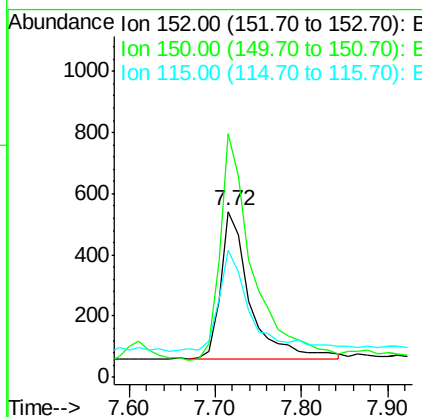
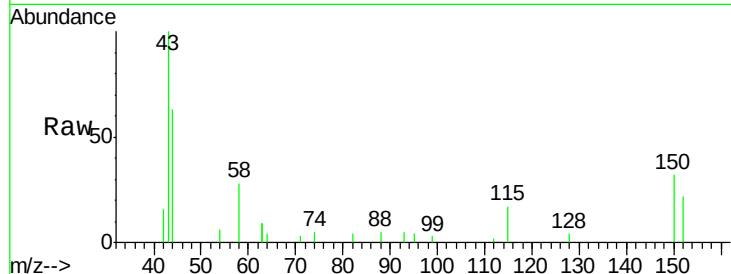
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampled :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	120.3	180.5
115	76.6	51.7	77.5

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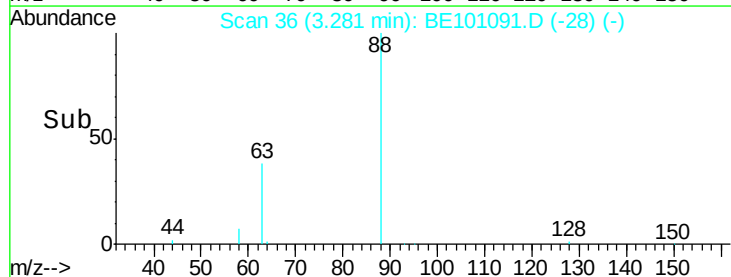
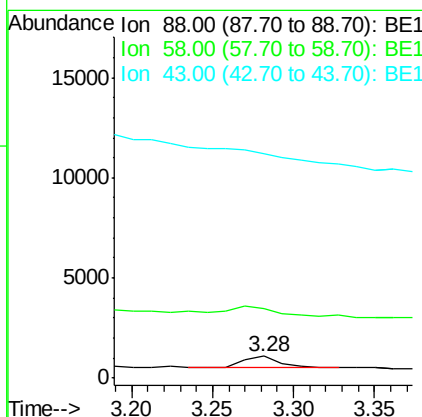
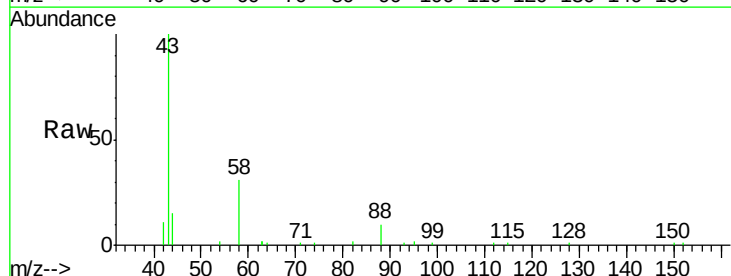
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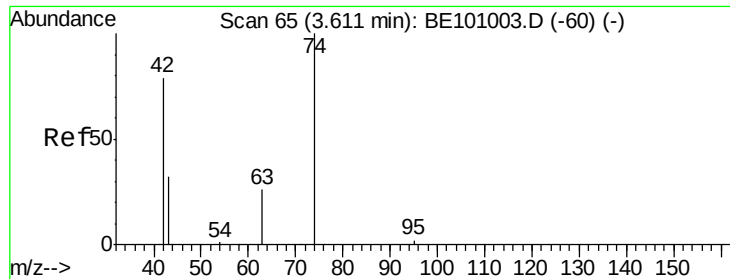


#2

1,4-Dioxane
Concen: 0.293 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	130.3	53.0	79.4#
43	0.0	23.4	35.2#





#3

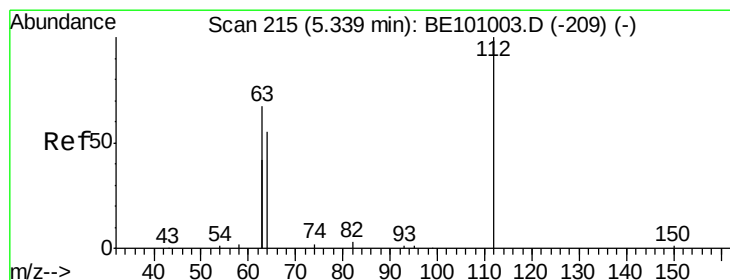
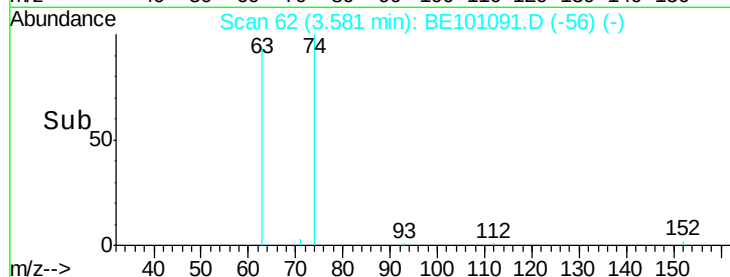
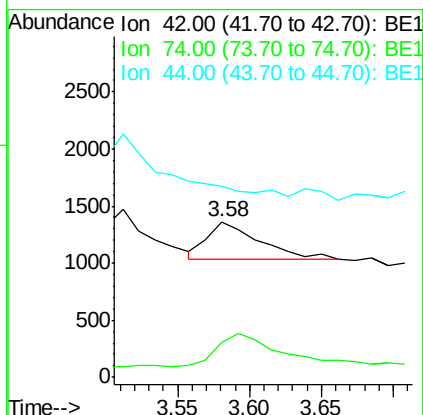
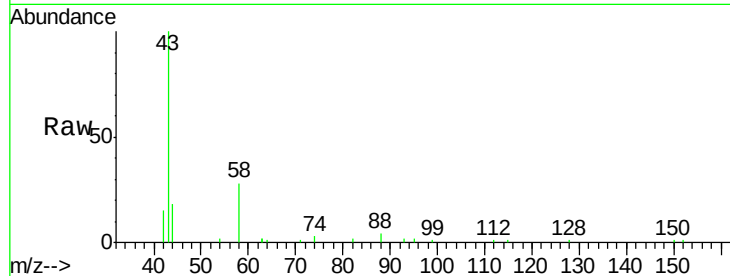
n-Nitrosodimethylamine
 Concen: 0.508 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.03 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PF-1MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	101.5	105.7	158.5#
44	0.0	10.0	15.0#

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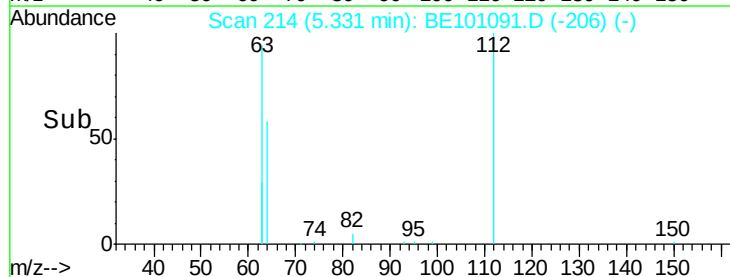
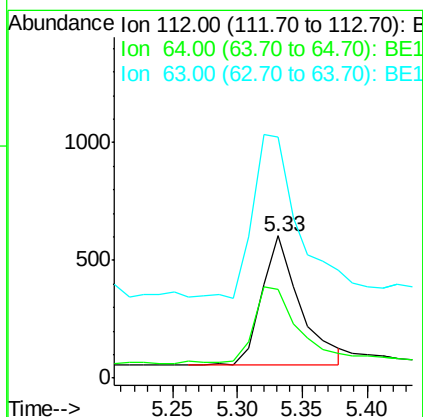
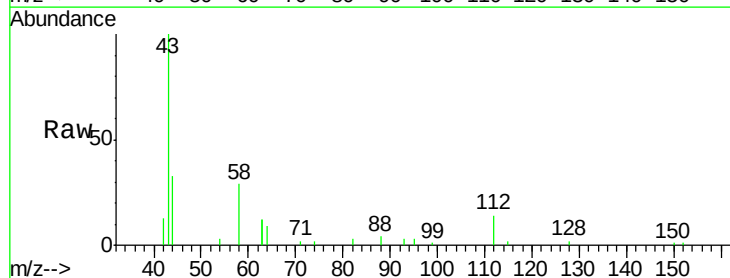
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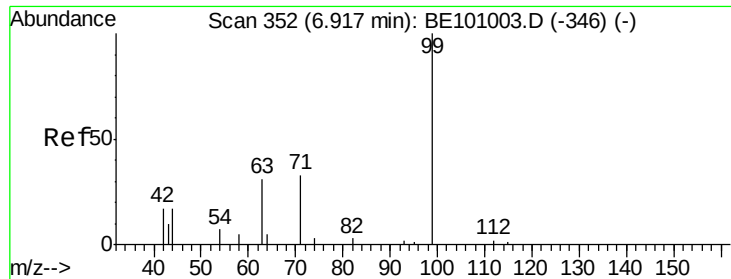


#4

2-Fluorophenol
 Concen: 0.432 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	53.6	80.4
63	144.5	114.6	172.0





#5

Phenol-d6

Concen: 0.478 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.02 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

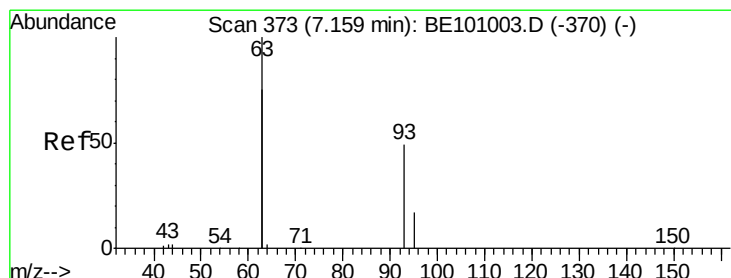
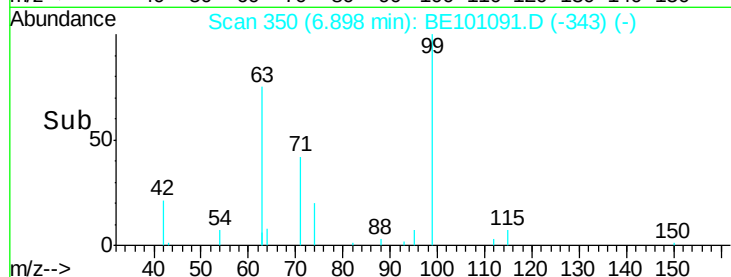
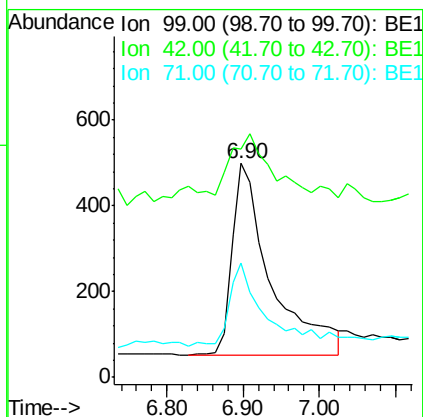
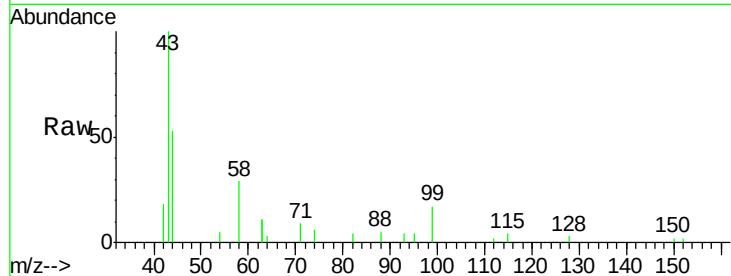
ClientSampleId :

PF-1MSD

Tot Ion:	99	Resp:	1582
Ion	Ratio	Lower	Upper
99	100		
42	28.3	18.3	27.5#
71	42.0	28.0	42.0

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.272 ng

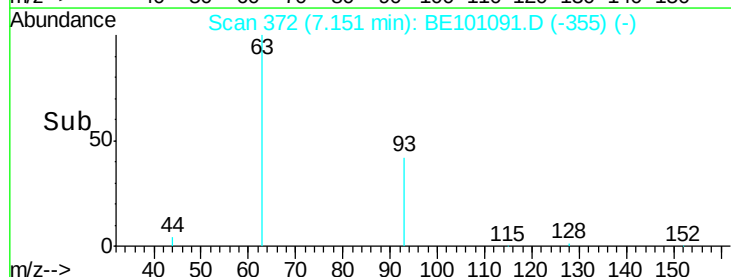
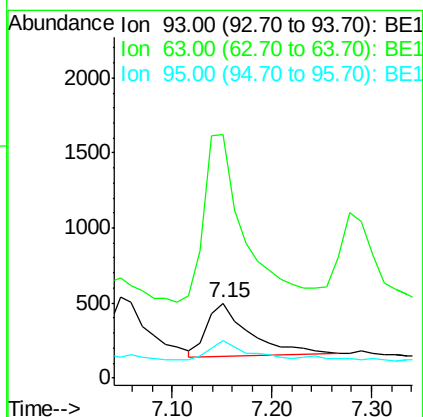
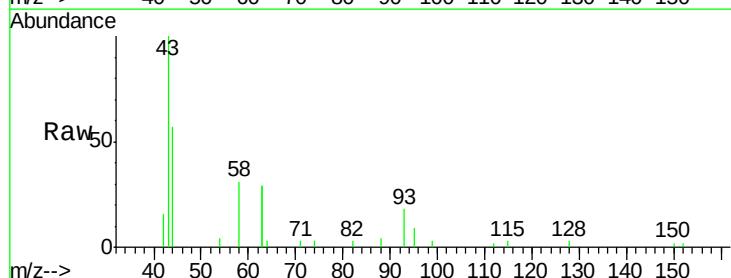
RT: 7.15 min Scan# 372

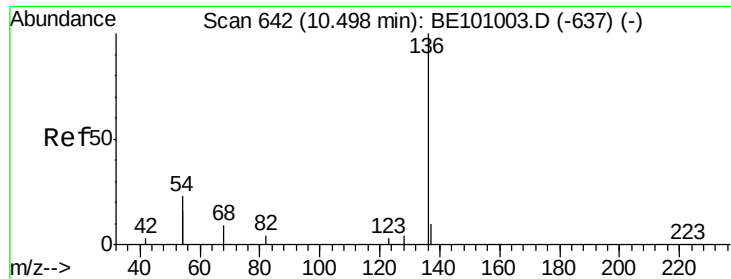
Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:	93	Resp:	1070
Ion	Ratio	Lower	Upper
93	100		
63	288.6	233.9	350.9
95	29.3	23.5	35.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

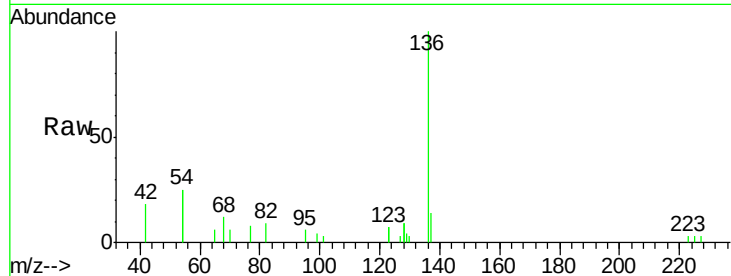
ClientSampleId :

PF-1MSD

Tot Ion	136	Resp:	4770
Ion Ratio	Lower	Upper	
136	100		
137	14.0	9.3	13.9#
54	49.9	36.8	55.2
68	11.8	8.4	12.6

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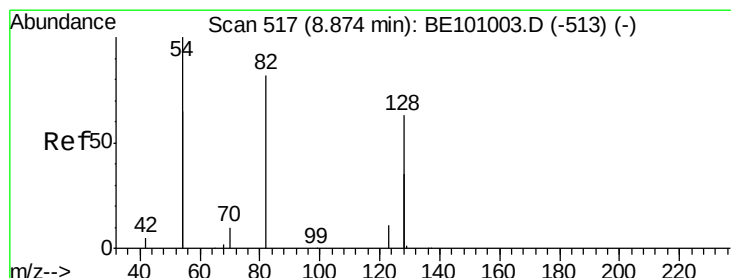
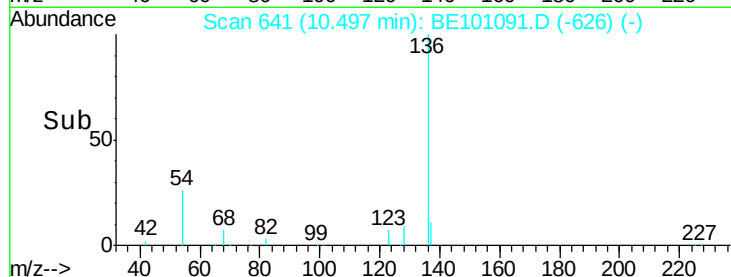
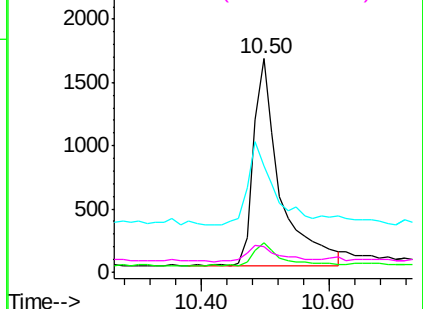


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.365 ng

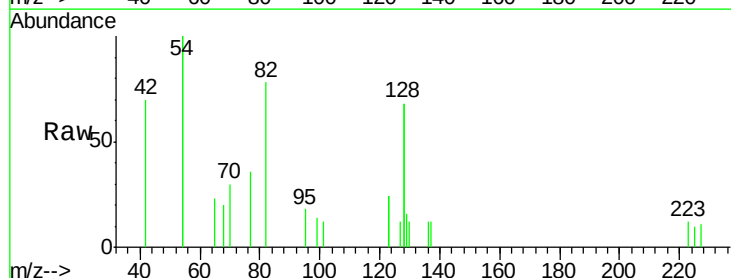
RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

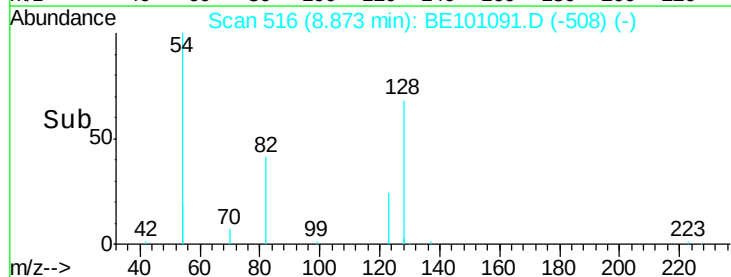
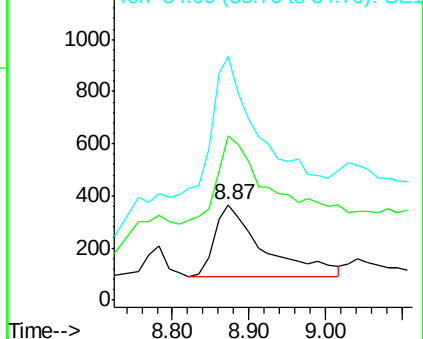
Tgt Ion	82	Resp:	1245
Ion Ratio	Lower	Upper	
82	100		
128	173.2	109.8	164.6#
54	255.9	174.5	261.7

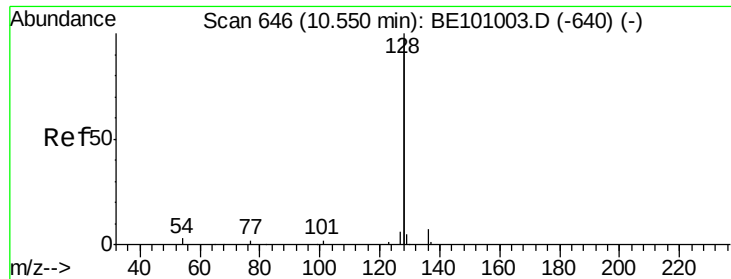


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.367 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

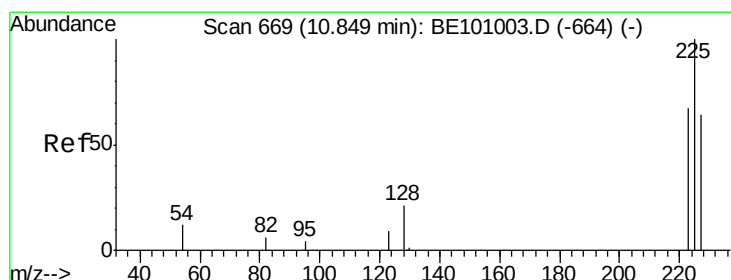
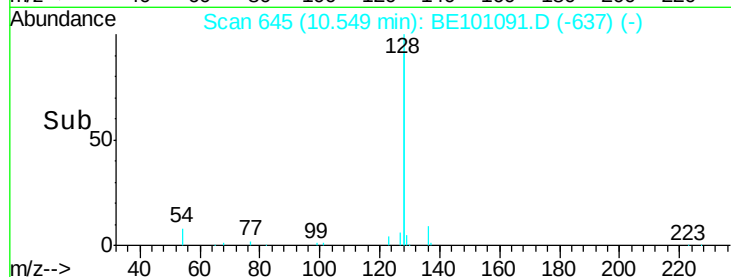
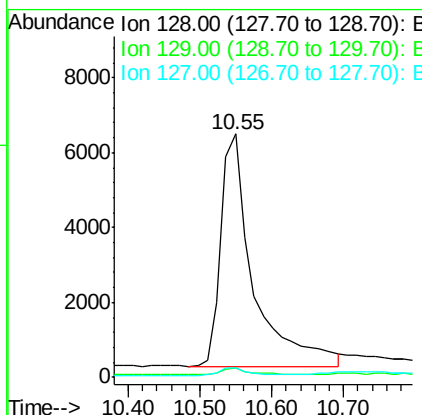
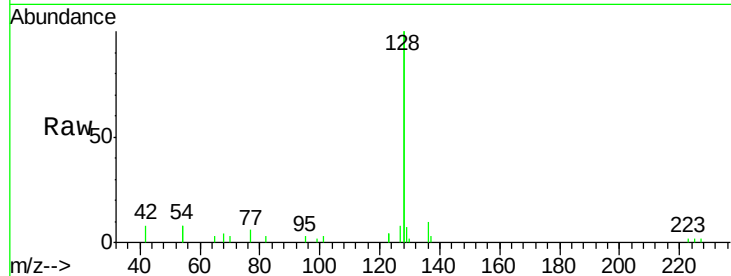
ClientSampleId :

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Tot Ion:	128	Resp:	19442
Ion Ratio	Lower	Upper	
128	100		
129	3.7	2.3	3.5#
127	4.0	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.342 ng

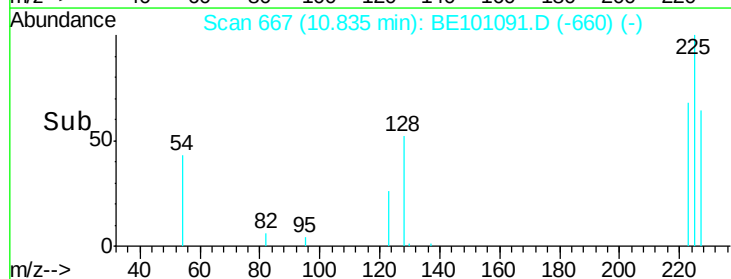
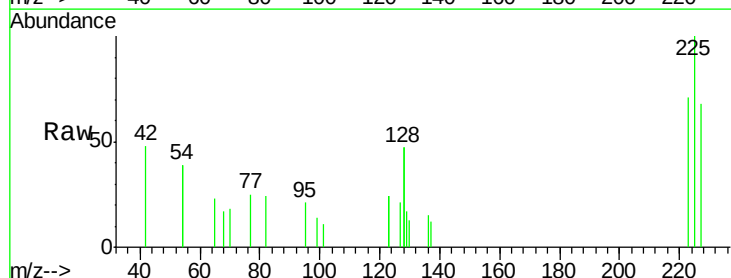
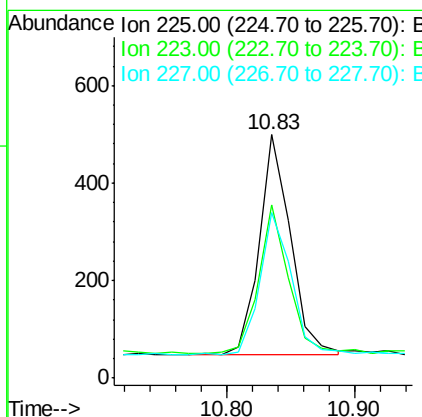
RT: 10.83 min Scan# 667

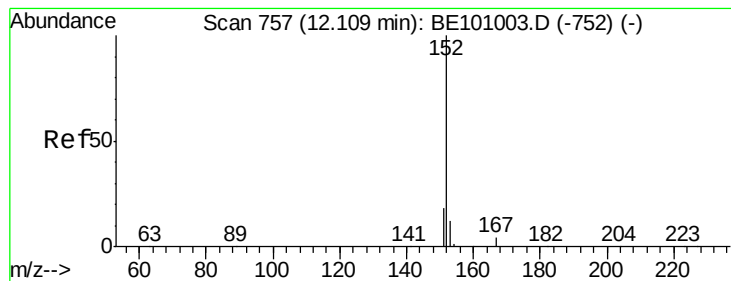
Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:	225	Resp:	767
Ion Ratio	Lower	Upper	
225	100		
223	64.0	52.2	78.4
227	64.8	49.9	74.9





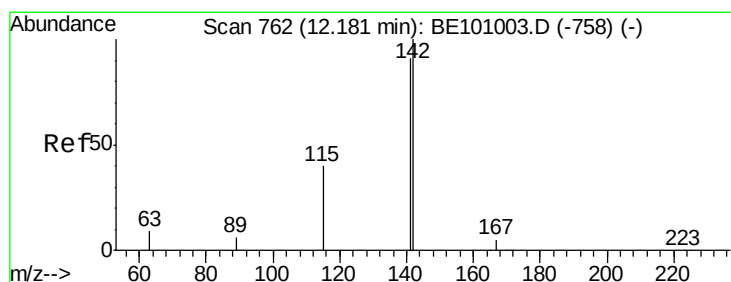
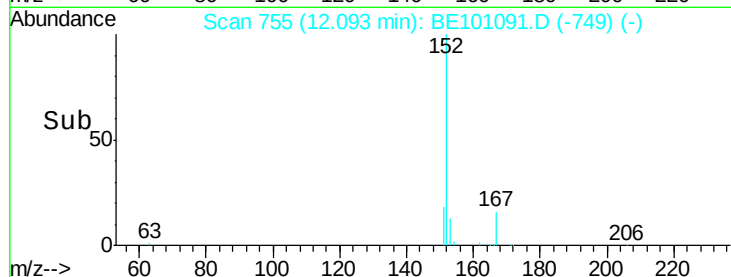
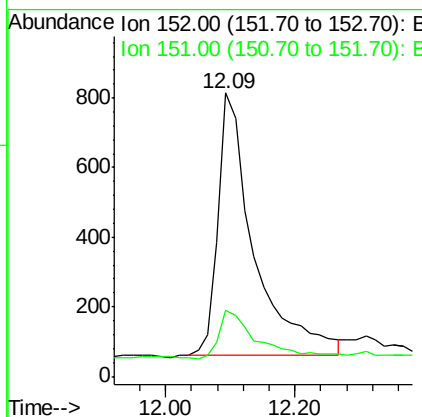
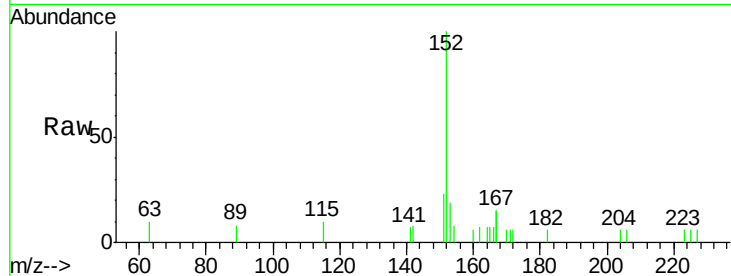
#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.0	22.6

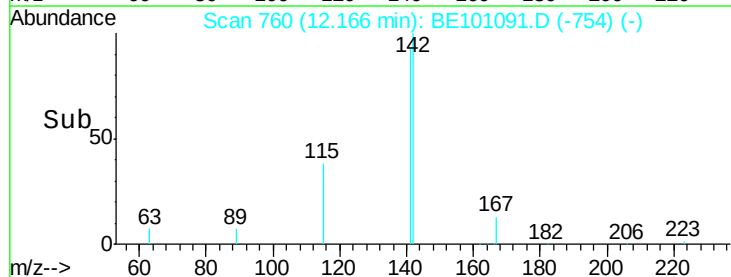
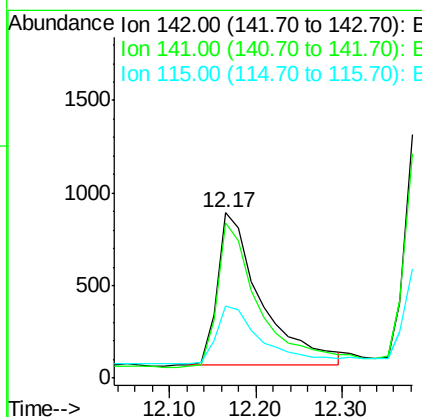
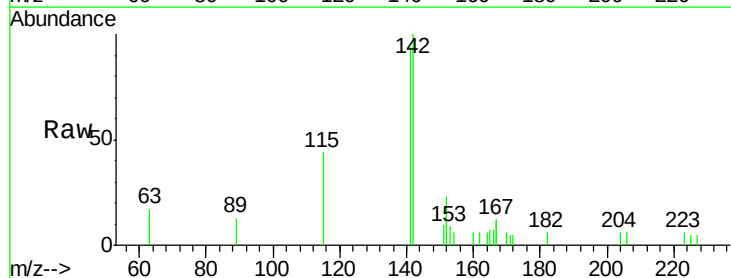
Manual Integrations
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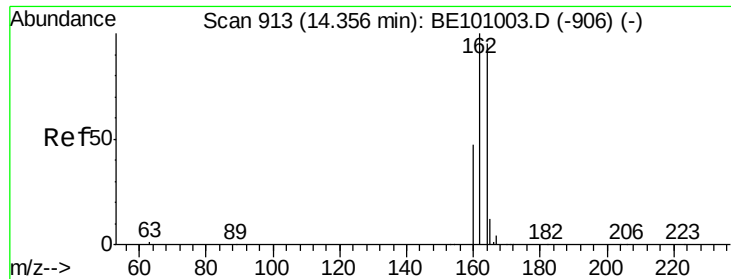
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#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.5	108.7
115	44.1	33.0	49.6





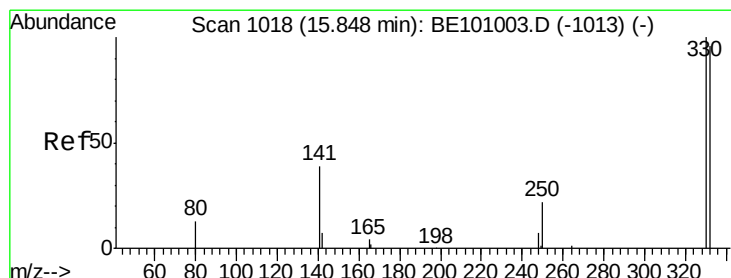
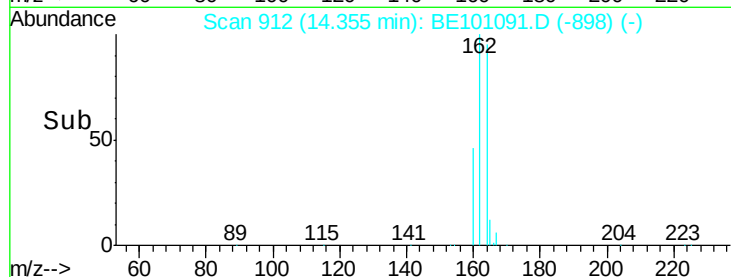
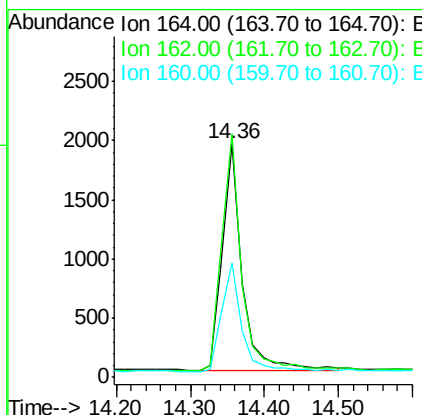
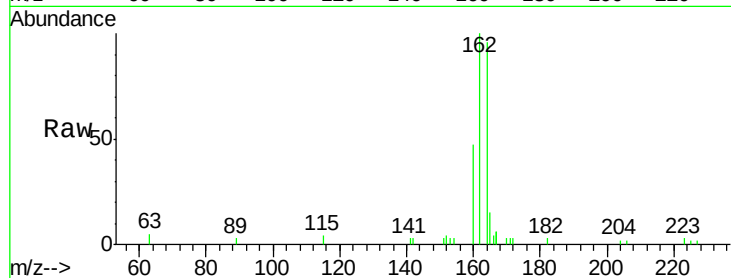
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PF-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.1	126.1
160	49.0	40.4	60.6

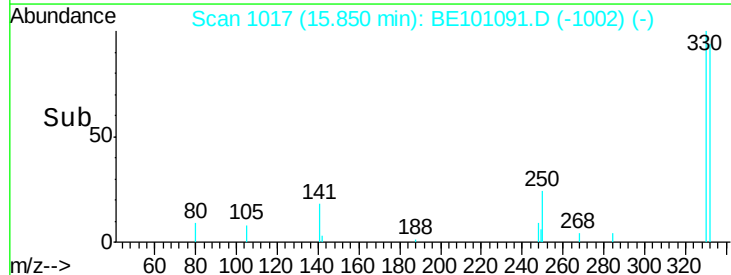
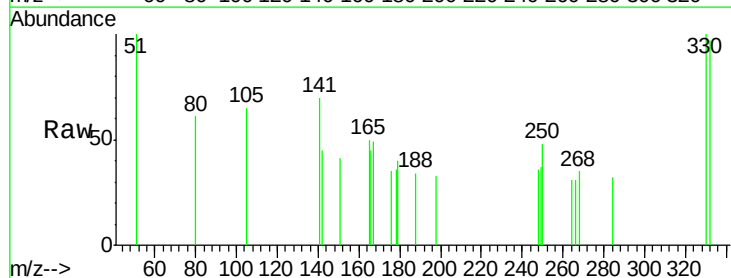
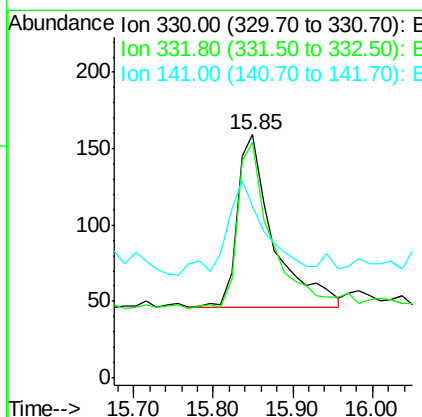
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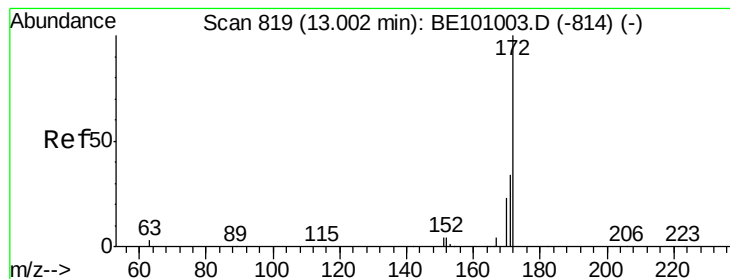
mohammad
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#14
 2,4,6-Tribromophenol
 Concen: 0.357 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	60.1	37.0	55.4#





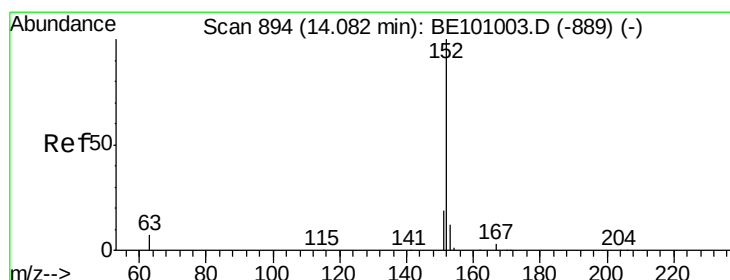
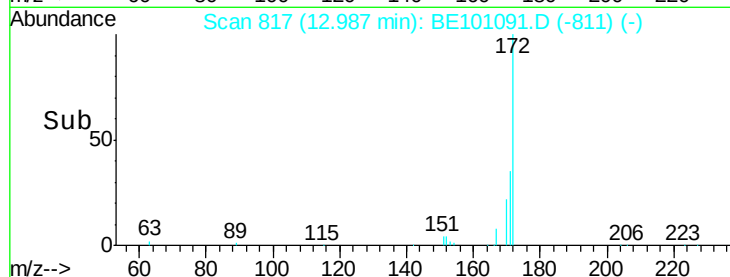
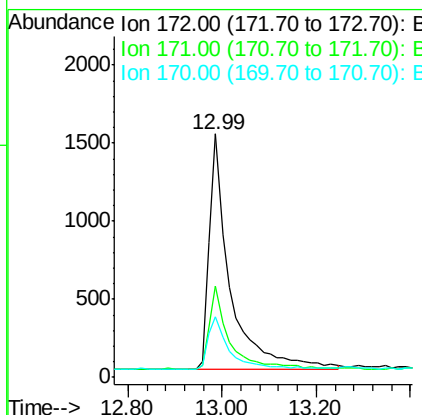
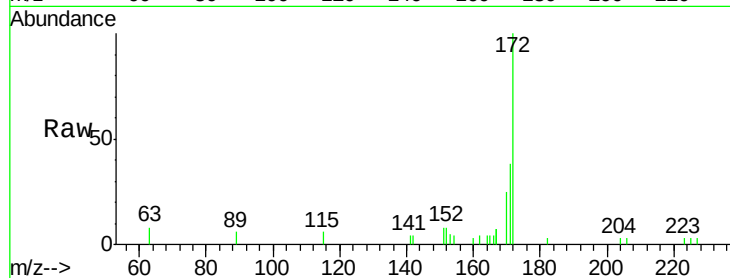
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.2	42.2
170	24.8	18.9	28.3

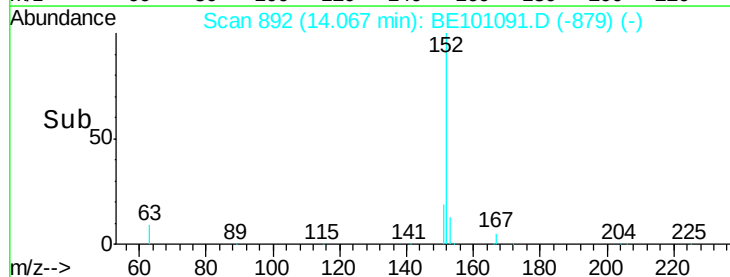
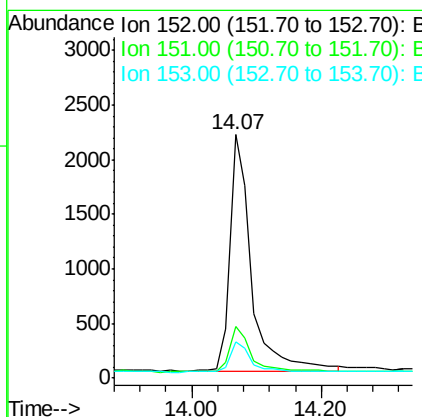
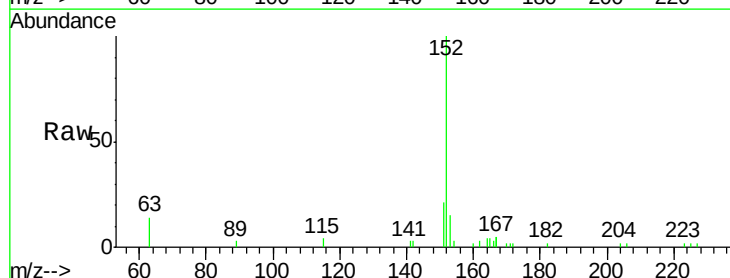
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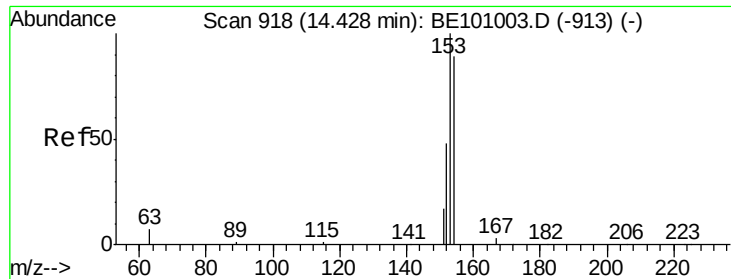
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#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.3	10.4	15.6





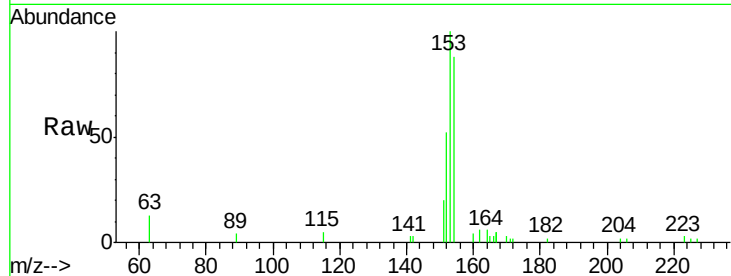
#17
Acenaphthene
Concen: 0.331 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.02 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	93.6	140.4
152	58.0	46.3	69.5

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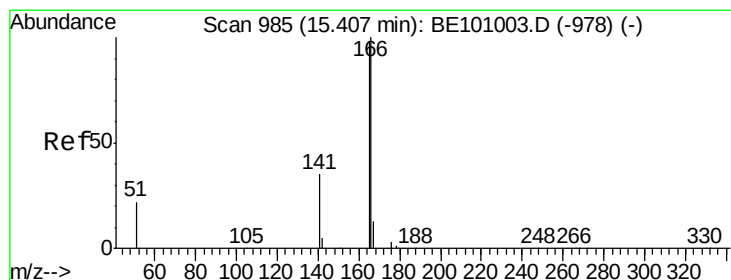
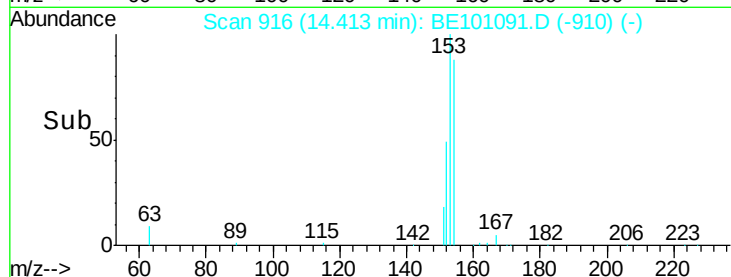
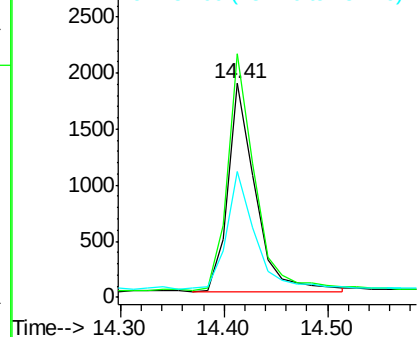


Abundance

Ion 154.00 (153.70 to 154.70): E

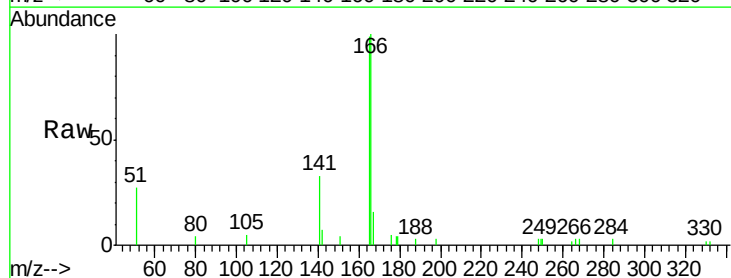
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.347 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	14.0	11.0	16.6

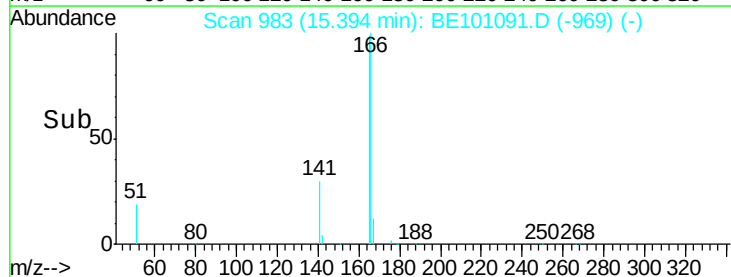
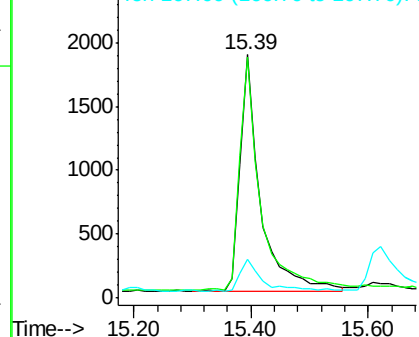


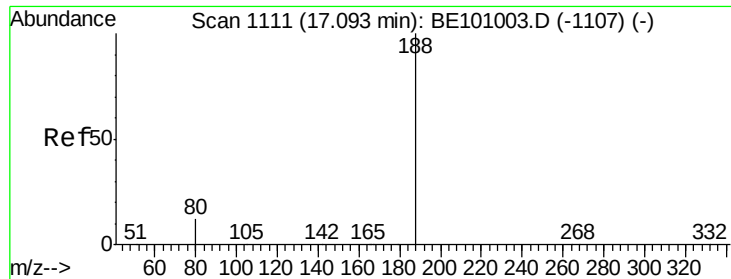
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





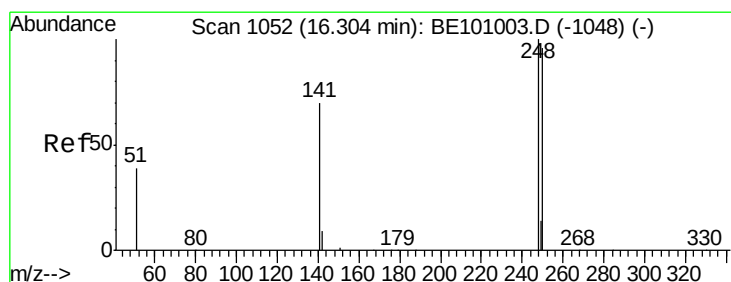
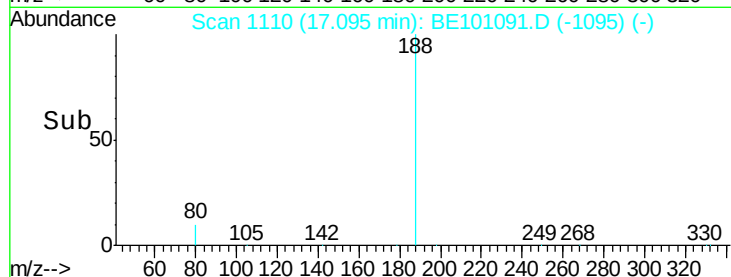
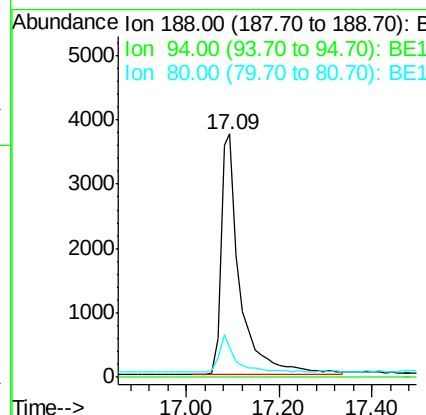
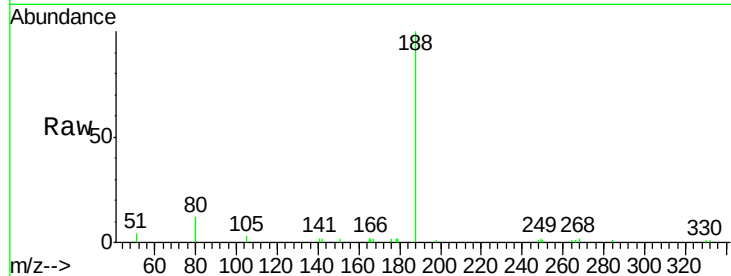
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	12.1	10.8	16.2	

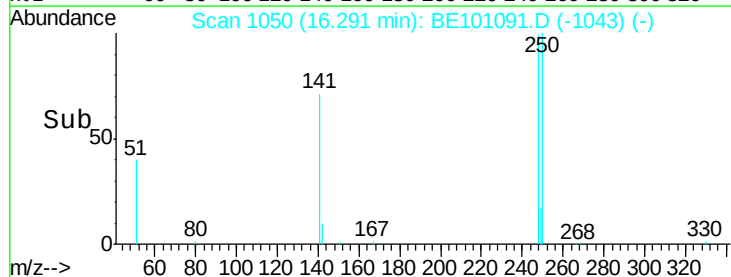
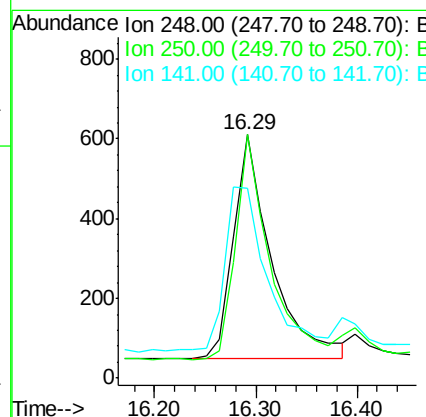
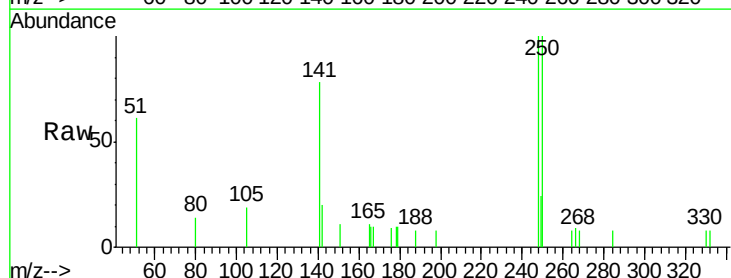
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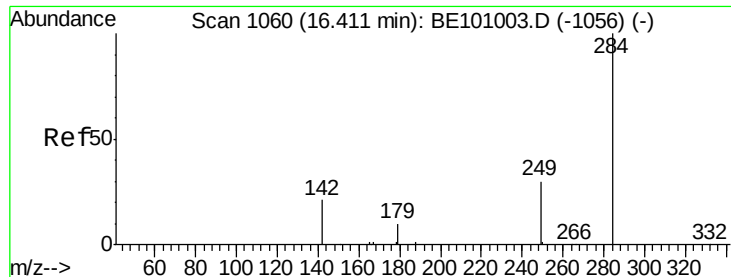
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#20
4-Bromophenyl-phenylether
Concen: 0.285 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.2	76.6	115.0	
141	77.9	57.7	86.5	





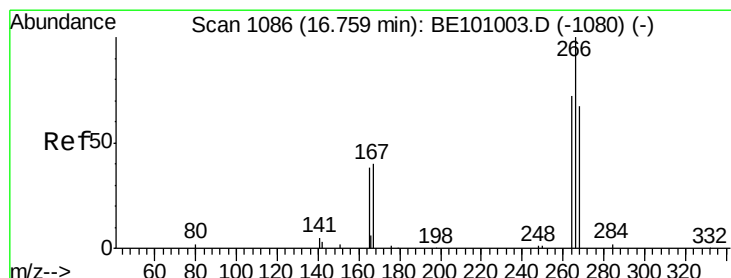
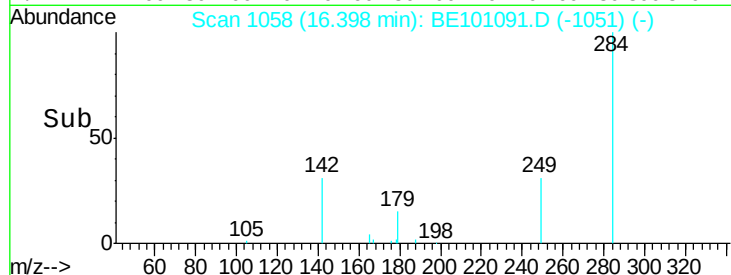
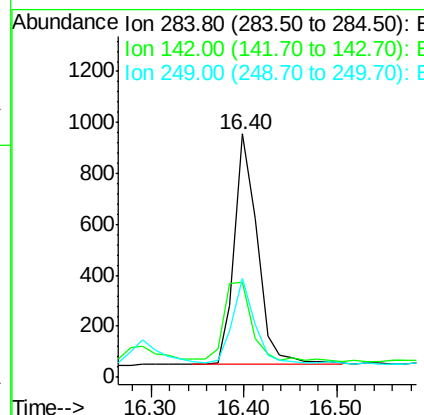
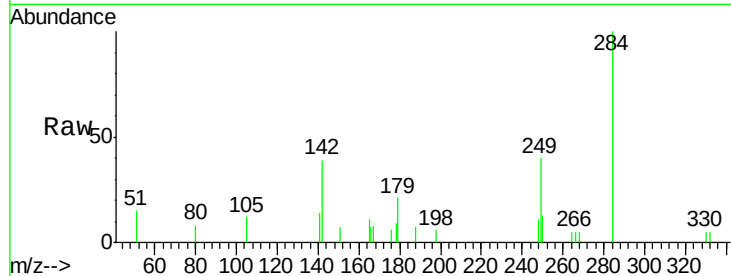
#21
Hexachlorobenzene
Concen: 0.274 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.0	51.0
249	34.7	28.2	42.4

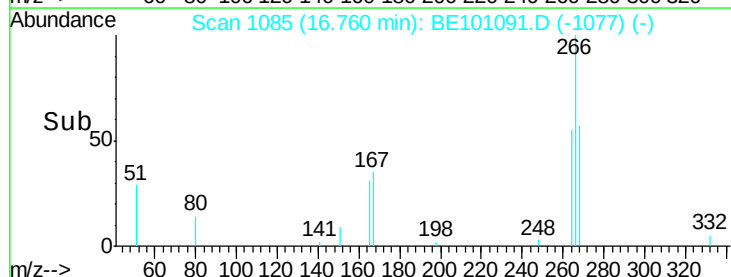
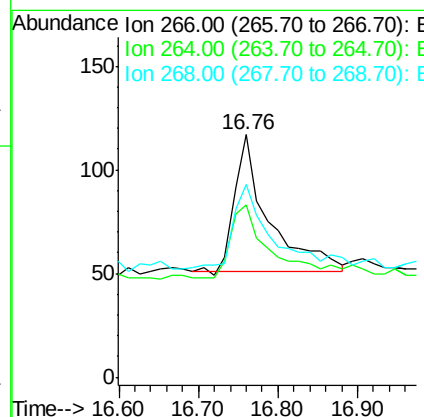
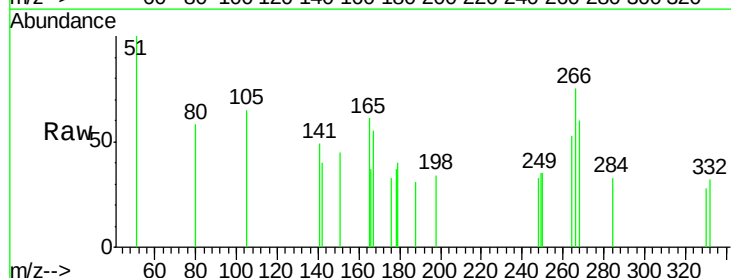
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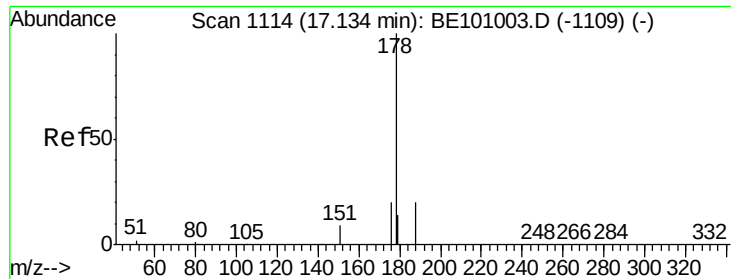
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#22
Pentachlorophenol
Concen: 0.348 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.9	61.0	91.4
268	79.5	58.5	87.7





#23

Phenanthrene

Concen: 0.333 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

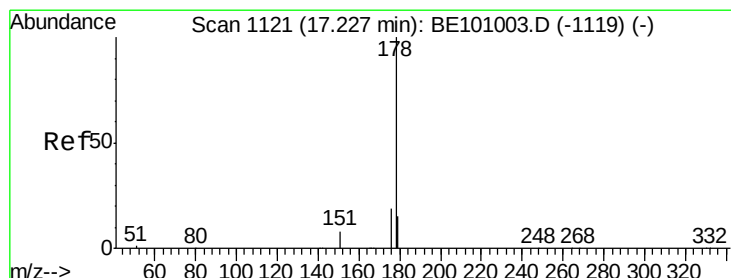
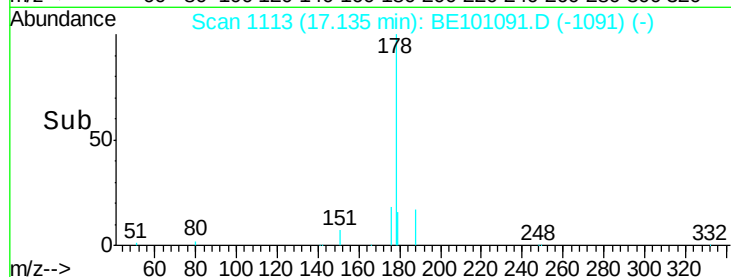
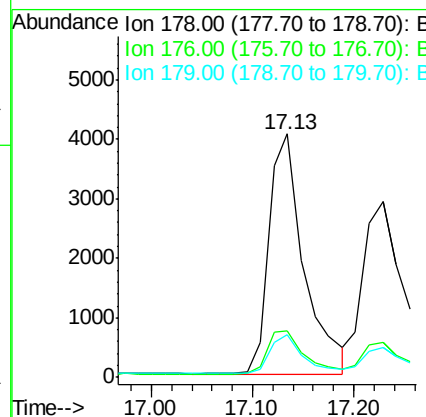
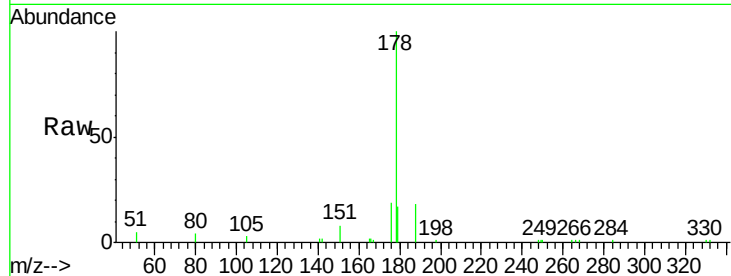
ClientSampled :

PF-1MSD

Tot Ion:178	Resp:	9706
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.7 23.5
179	15.4	12.0 18.0

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#24

Anthracene

Concen: 0.350 ng

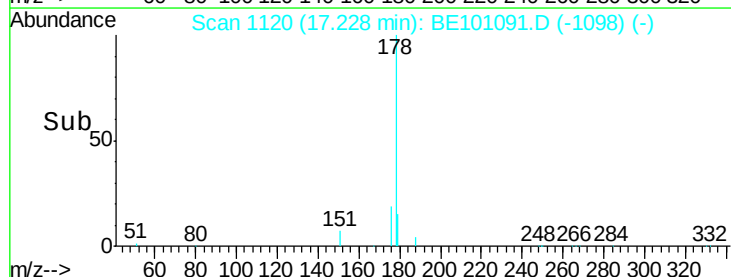
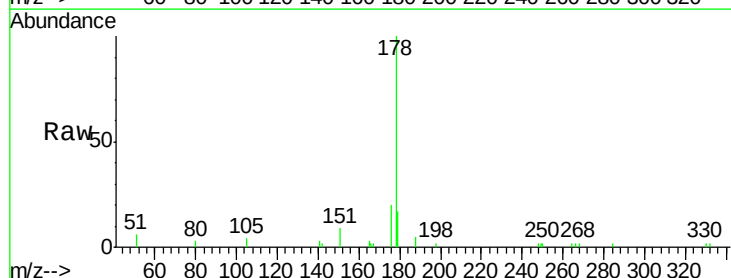
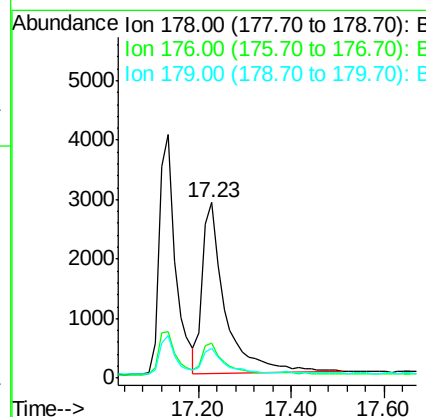
RT: 17.23 min Scan# 1120

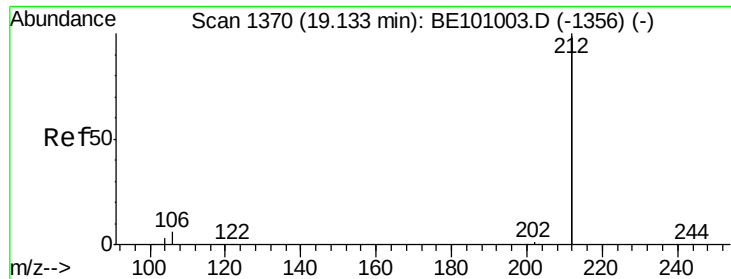
Delta R.T. 0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:178	Resp:	9621
Ion Ratio	Lower	Upper
178	100	
176	17.6	14.8 22.2
179	13.1	12.4 18.6





#25

Fluoranthene-d10

Concen: 0.470 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

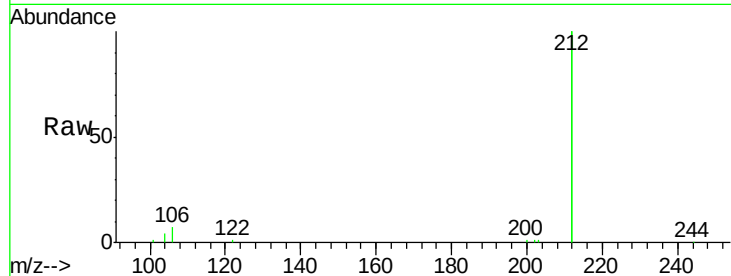
ClientSampleId :

PF-1MSD

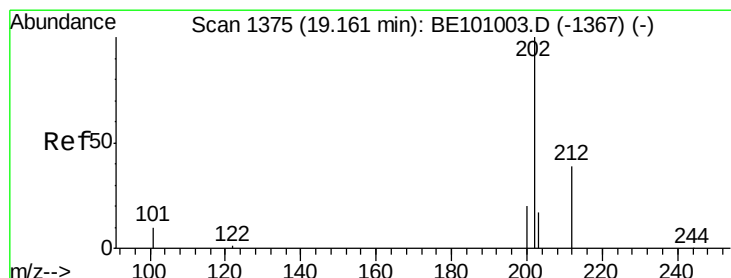
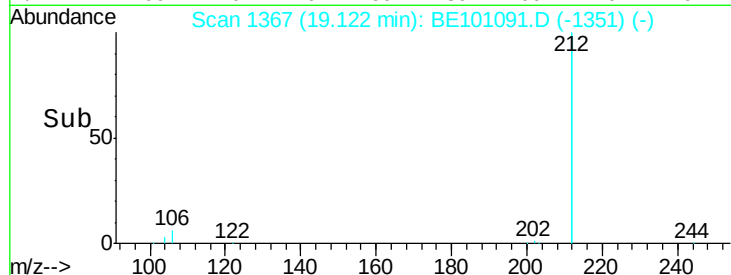
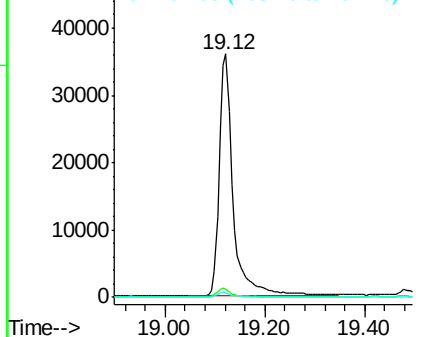
Tot Ion:	212	Resp:	69558
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.6	3.8
104	1.9	1.4	2.0

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.532 ng

RT: 19.15 min Scan# 1372

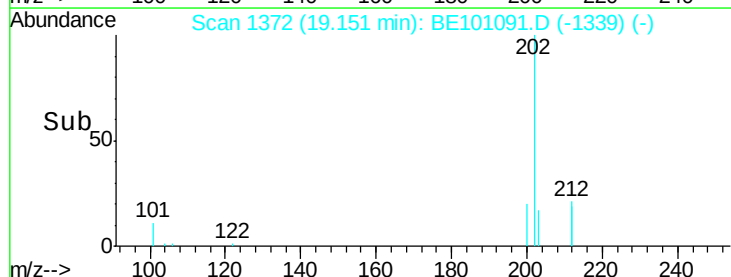
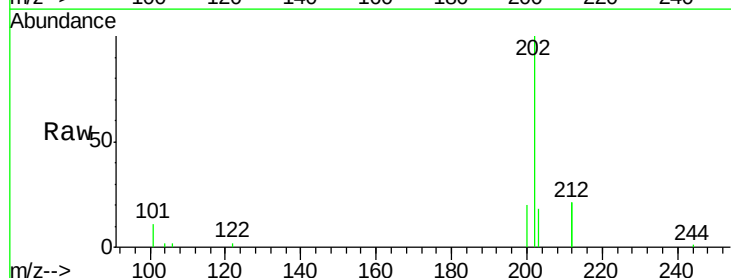
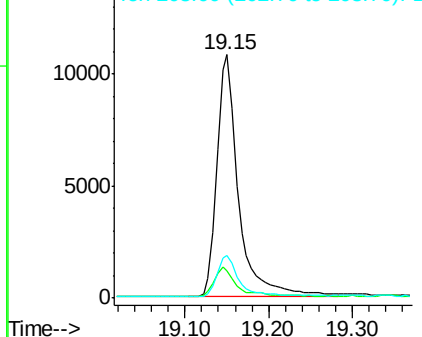
Delta R.T. -0.01 min

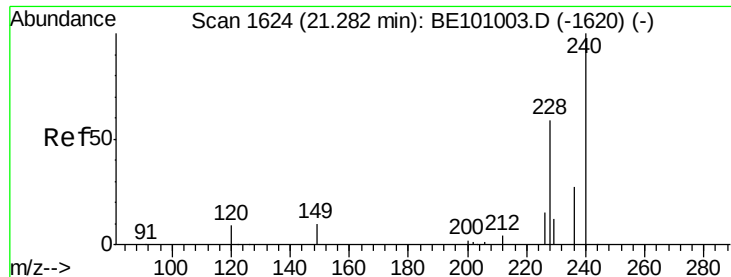
Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:	202	Resp:	19400
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.6	14.4
203	17.0	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

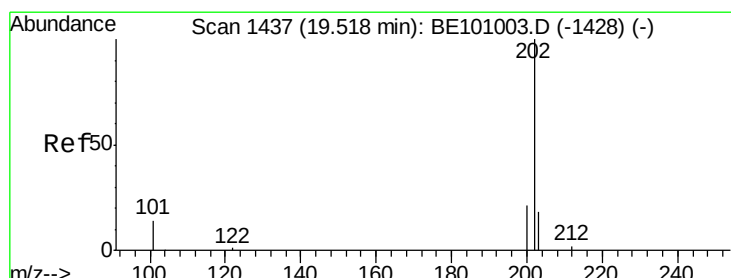
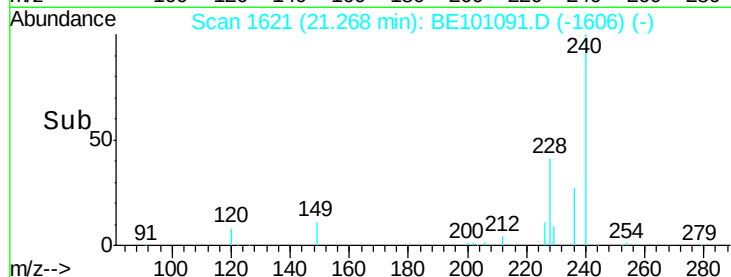
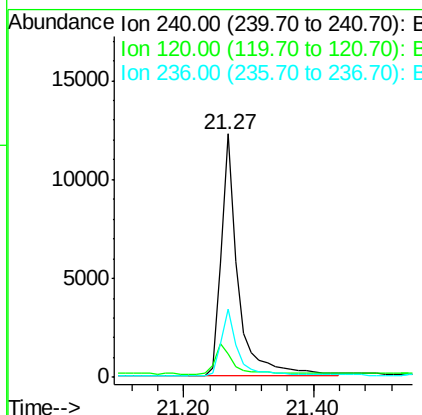
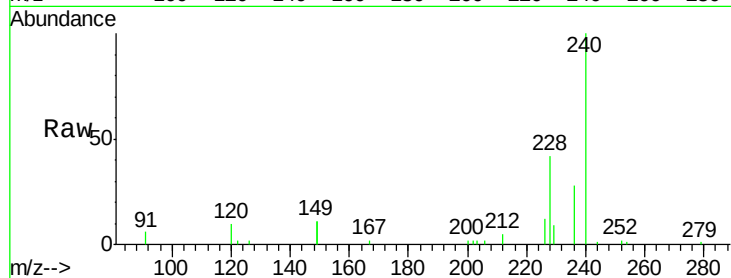
ClientSampleId :

PF-1MSD

Tot Ion:	240	Resp:	22750
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.6	13.0
236	27.9	22.2	33.4

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#28

Pyrene

Concen: 0.267 ng

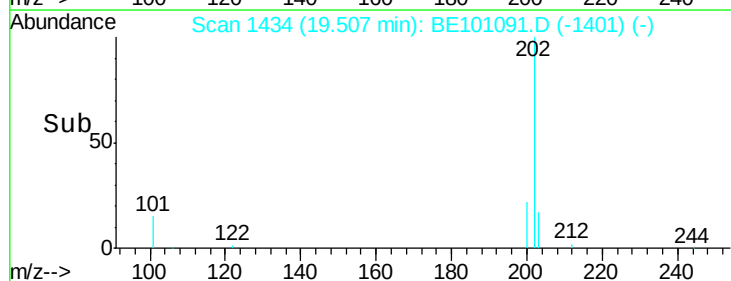
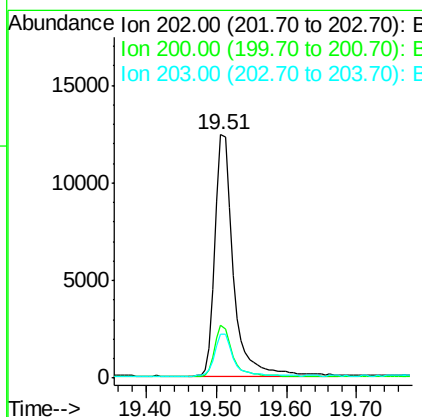
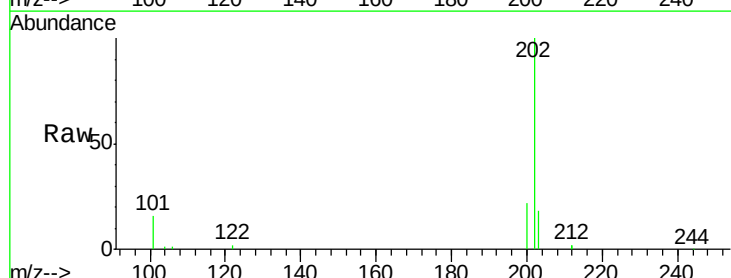
RT: 19.51 min Scan# 1434

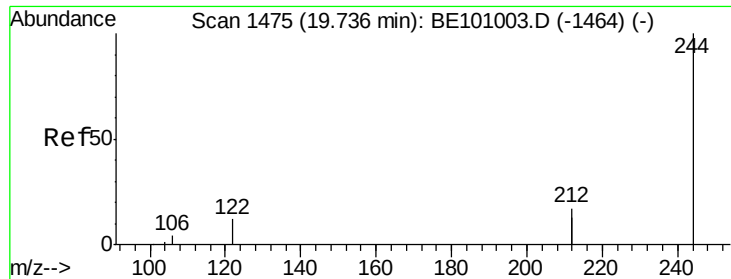
Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:	202	Resp:	22636
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	17.8	13.8	20.6





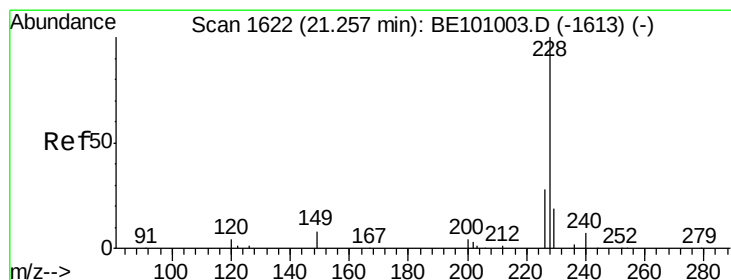
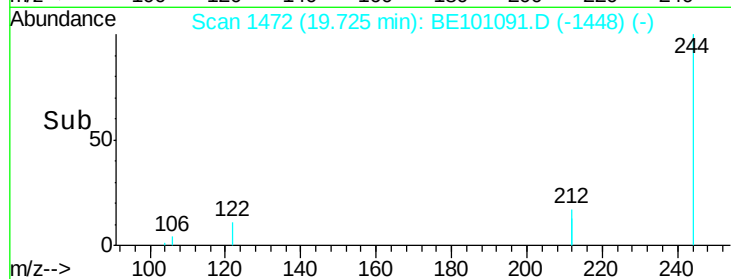
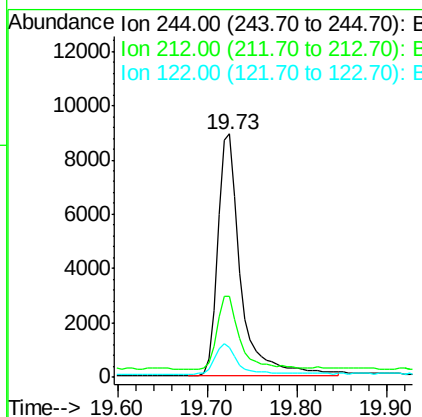
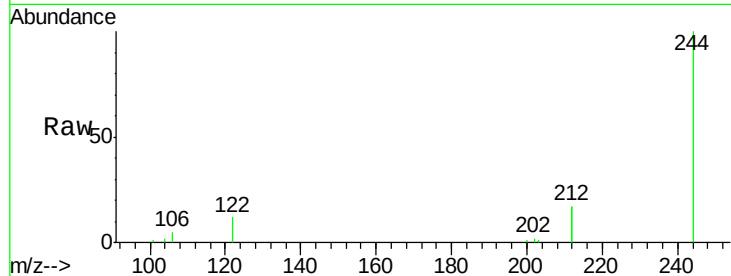
#29
 Terphenyl-d14
 Concen: 0.284 ng
 RT: 19.73 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PF-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.5	27.2	40.8
122	12.3	9.8	14.8

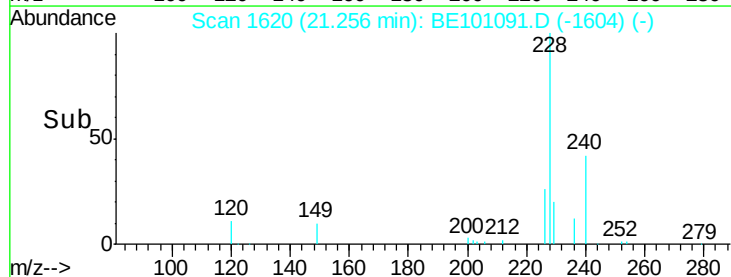
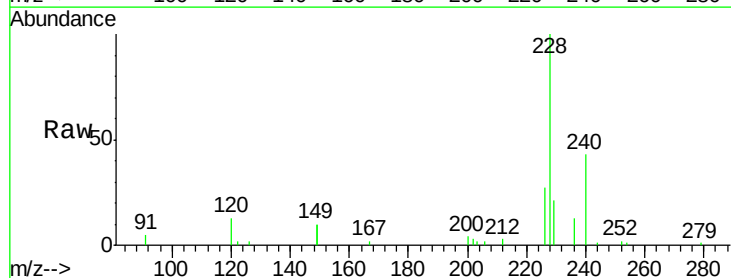
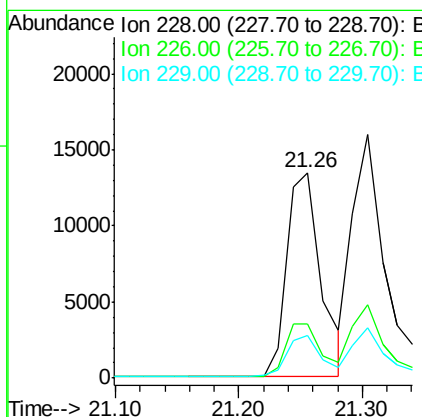
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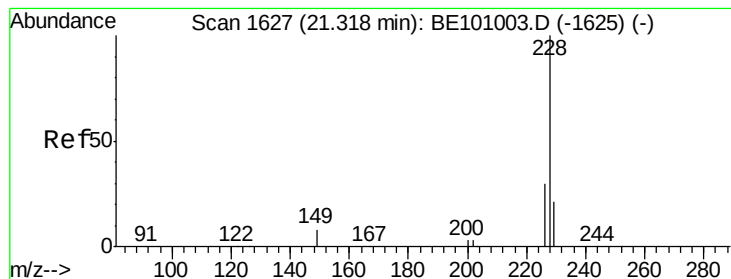
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.403 ng
 RT: 21.26 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.7	34.1
229	20.6	15.5	23.3





#31

Chrysene

Concen: 0.347 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

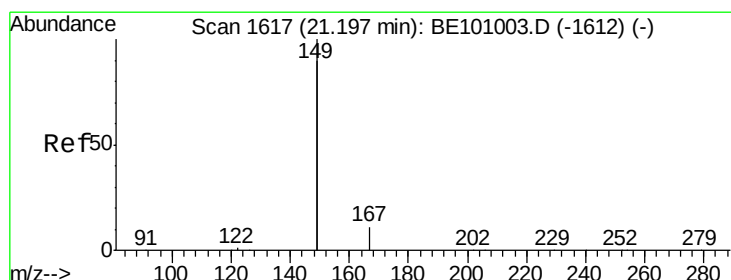
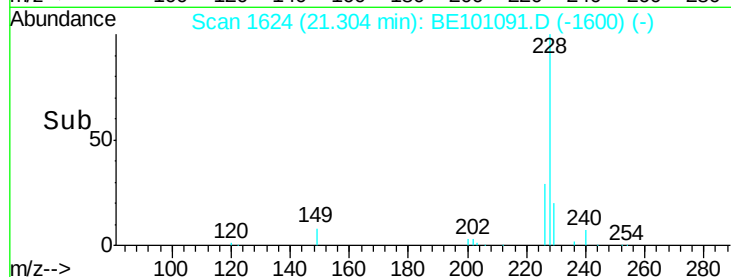
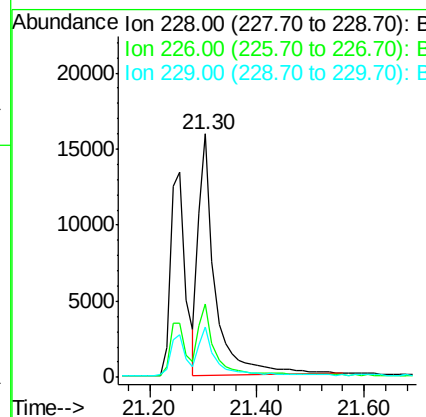
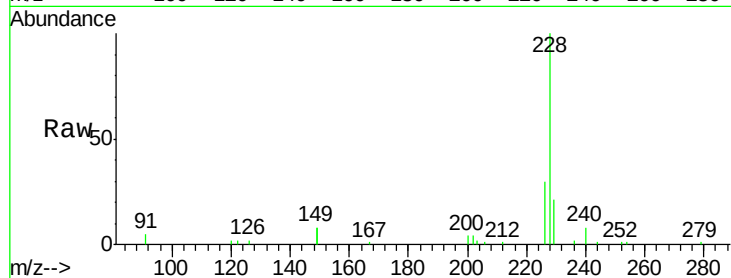
ClientSampleId :

PF-1MSD

Tot Ion:	228	Resp:	33518
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	20.7	16.7	25.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.650 ng

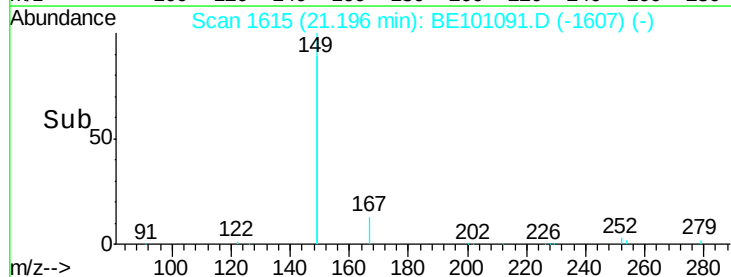
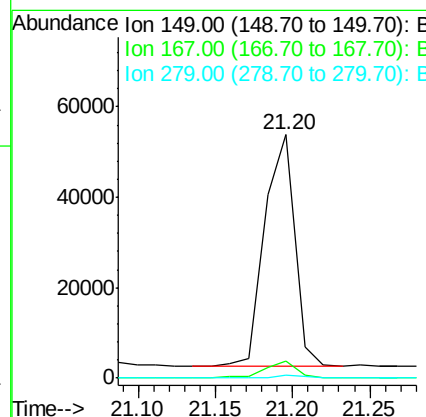
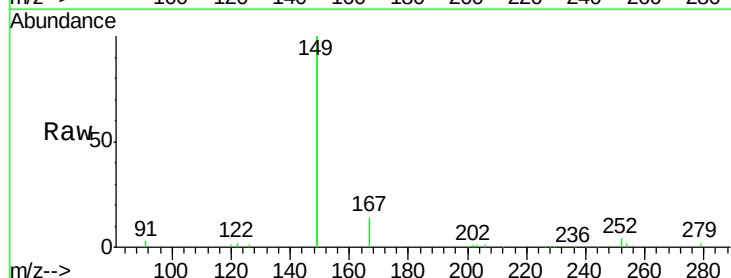
RT: 21.20 min Scan# 1615

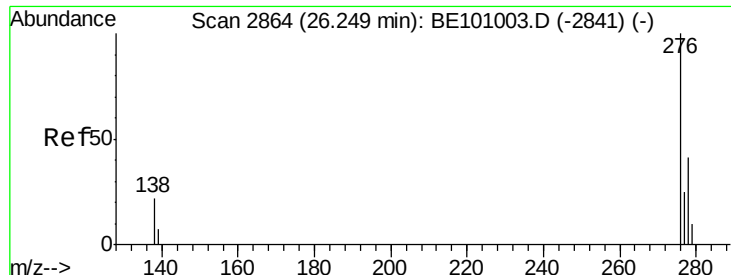
Delta R.T. -0.00 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Tgt Ion:	149	Resp:	70364
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	0.9	0.8	1.2





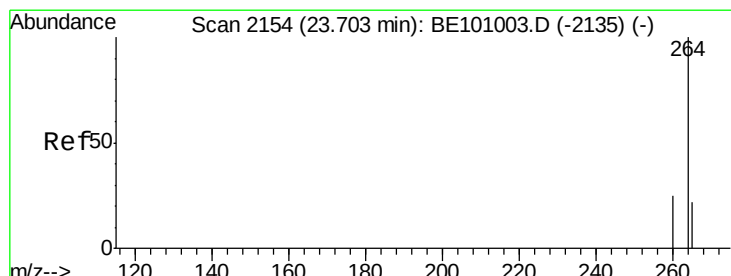
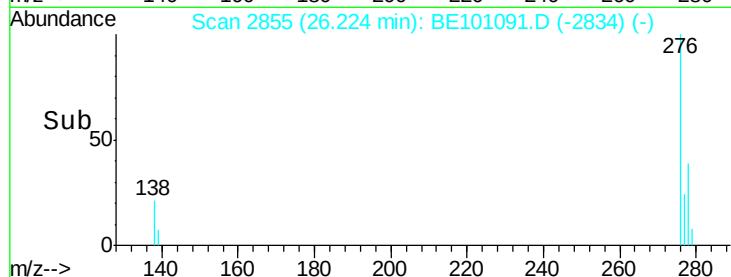
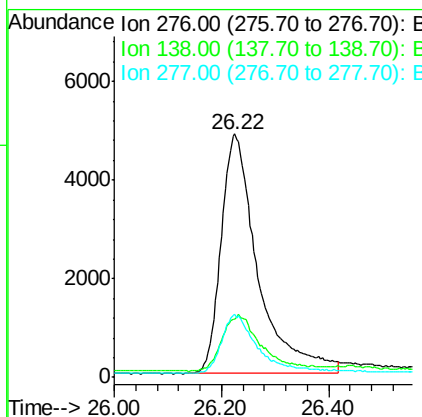
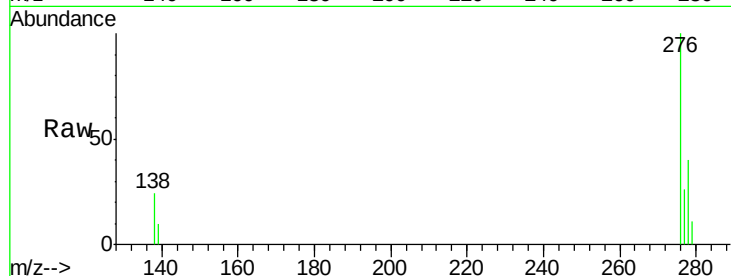
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.305 ng
 RT: 26.22 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PF-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.1	24.1#
277	23.9	18.1	27.1

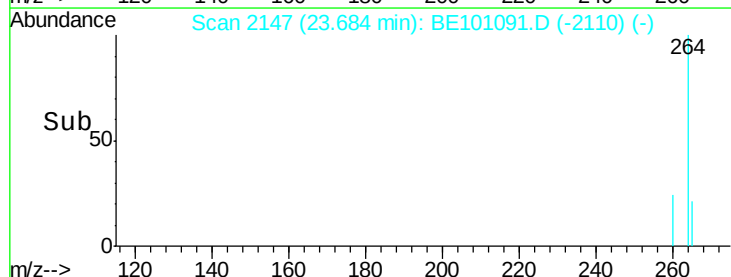
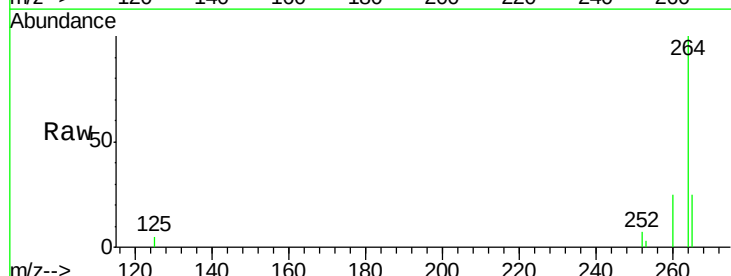
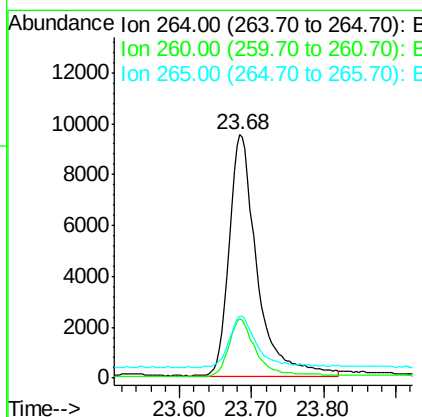
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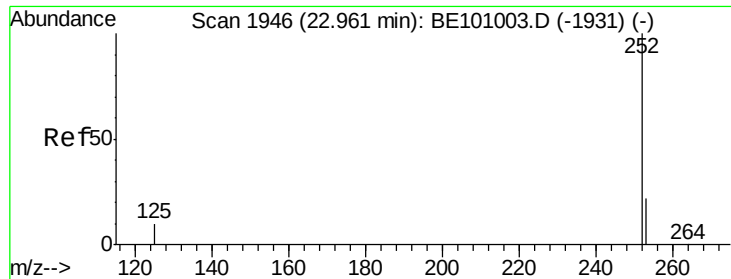
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BE101091.D
 Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.3	30.5
265	25.3	27.0	40.4#





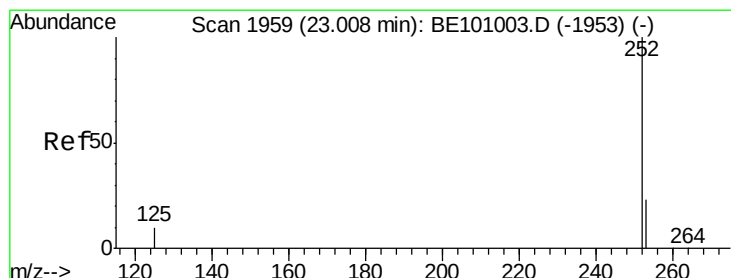
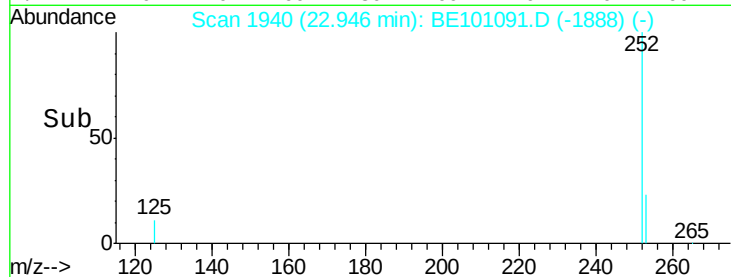
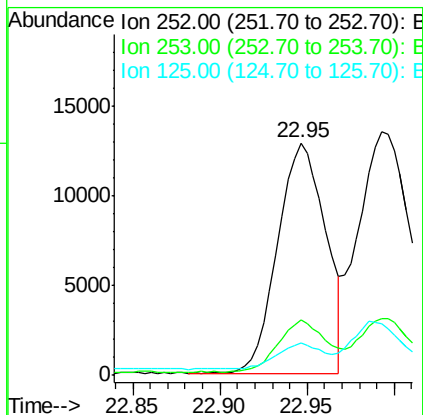
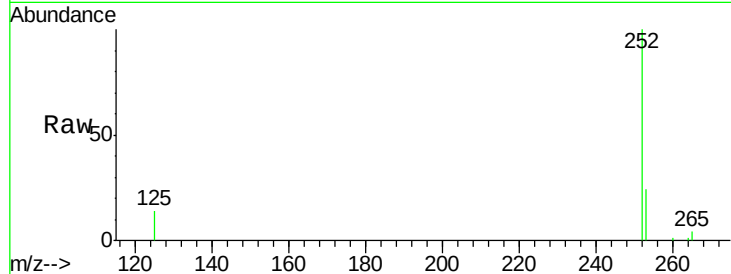
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.95 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	13.9	9.5	14.3

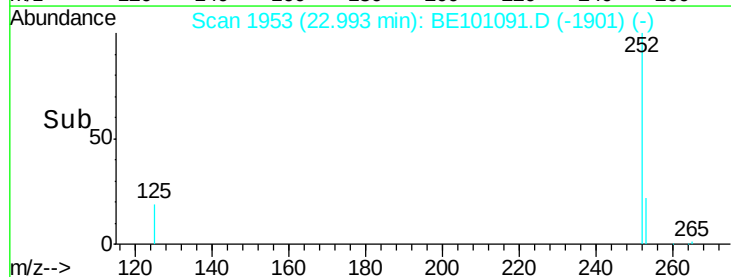
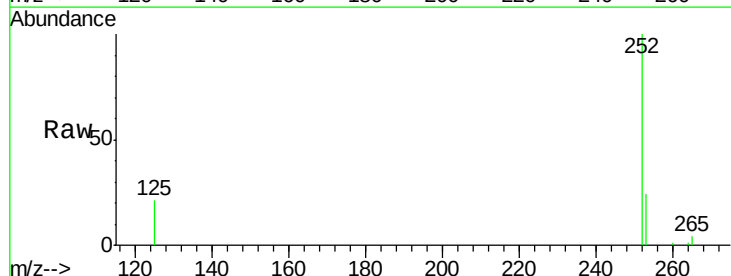
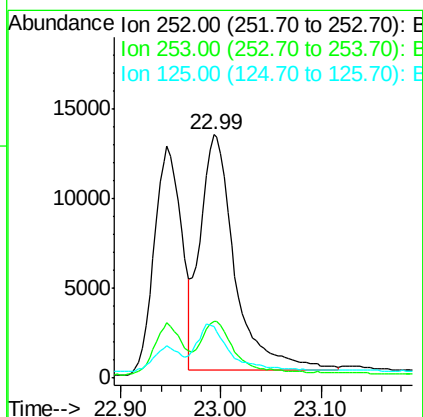
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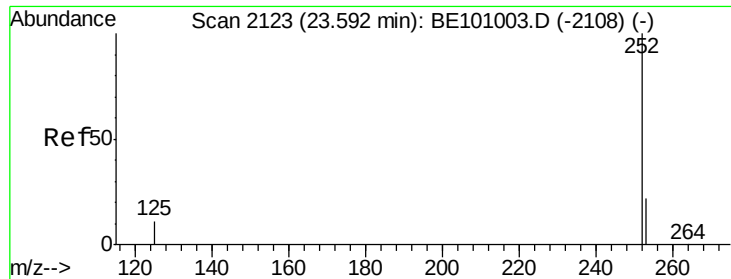
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#36
Benzo(k)fluoranthene
Concen: 0.314 ng m
RT: 22.99 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	21.4	10.1	15.1#





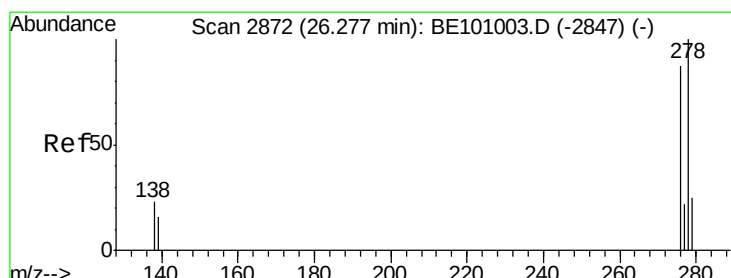
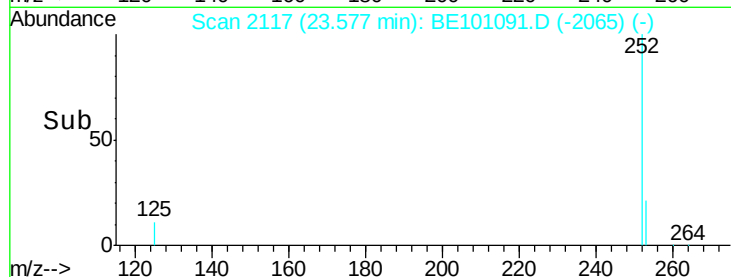
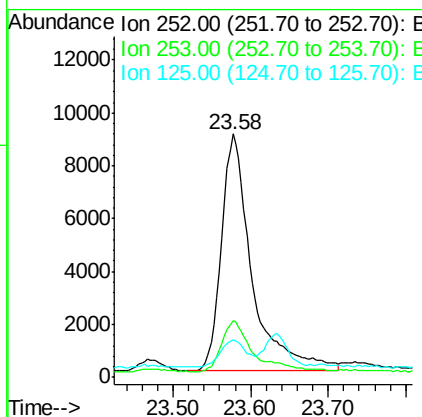
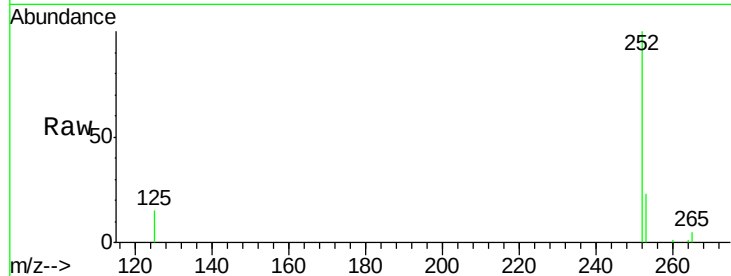
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.58 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Instrument :
BNA_E
ClientSampleId :
PF-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	15.2	11.8	17.6

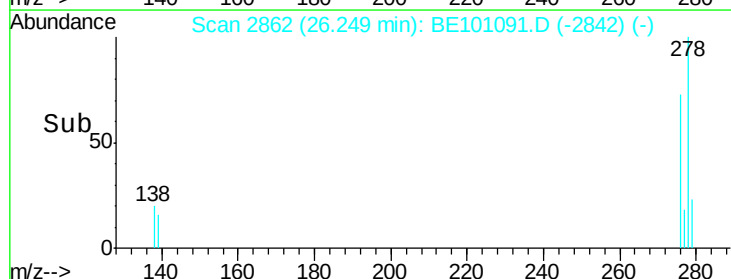
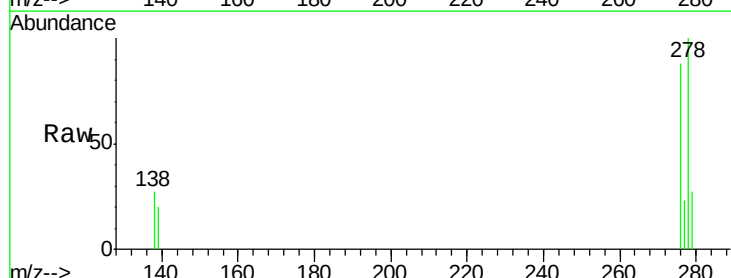
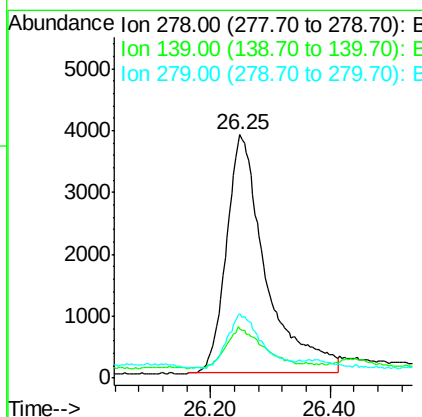
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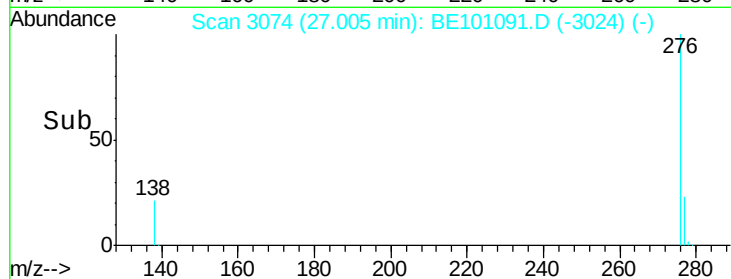
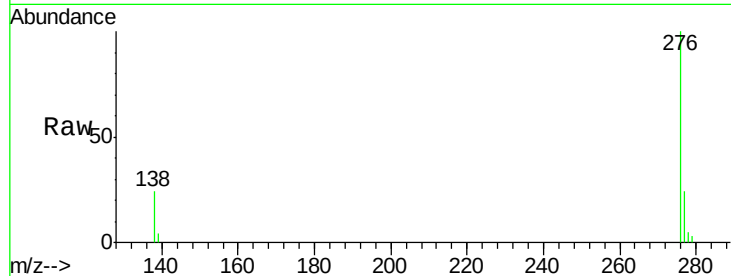
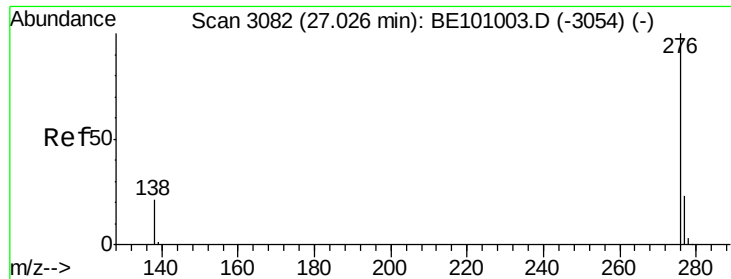
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#38
Dibenzo(a,h)anthracene
Concen: 0.285 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BE101091.D
Acq: 17 Jan 2020 18:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.4
279	26.7	22.6	33.8





#39

Benzo(a,h,i)perylene

Concen: 0.276 ng

RT: 27.01 min Scan# 3074

Delta R.T. -0.02 min

Lab File: BE101091.D

Acq: 17 Jan 2020 18:57

Instrument :

BNA_E

ClientSampleId :

PF-1MSD

Tot Ion:	276	Resp:	21135
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.4	29.2
138	24.0	17.9	26.9

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