

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
 Data File : BE100499.D
 Acq On : 23 Jul 2019 13:39
 Operator : HP/JU
 Sample : PB121558BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121558BSD

Manual Integrations
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mohammad
 7/24/2019 5:28:44 PM

Quant Time: Jul 24 03:13:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2871	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11156	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5939	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	13317	0.40	ng	0.00
27) Chrysene-d12	21.38	240	16829	0.40	ng	0.00
34) Perylene-d12	23.85	264	21694	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2770	0.40	ng	0.00
5) Phenol-d6	7.03	99	3710	0.37	ng	0.00
8) Nitrobenzene-d5	9.02	82	2981	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	5225m	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	808	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7526	0.31	ng	0.00
25) Fluoranthene-d10	19.24	212	51553	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	9210	0.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	1499	0.297	ng	# 69
3) n-Nitrosodimethylamine	3.68	42	945	0.360	ng	# 88
6) bis(2-Chloroethyl)ether	7.29	93	2964	0.345	ng	95
9) Naphthalene	10.70	128	35482	0.331	ng	100
10) Hexachlorobutadiene	11.00	225	1664	0.325	ng	98
12) 2-Methylnaphthalene	12.32	142	6050	0.314	ng	99
16) Acenaphthylene	14.21	152	8754	0.319	ng	99
17) Acenaphthene	14.56	154	5332	0.323	ng	99
18) Fluorene	15.53	166	6846	0.311	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2191	0.346	ng	# 75
21) Hexachlorobenzene	16.53	284	2210	0.339	ng	98
22) Pentachlorophenol	16.87	266	858	0.400	ng	94
23) Phenanthrene	17.25	178	10964	0.336	ng	100
24) Anthracene	17.35	178	10142	0.326	ng	99
26) Fluoranthene	19.27	202	14457	0.308	ng	100
28) Pyrene	19.63	202	15368	0.293	ng	99
30) Benzo(a)anthracene	21.35	228	15853	0.309	ng	97
31) Chrysene	21.42	228	15814	0.312	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	42305	0.359	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	22817	0.413	ng	99
35) Benzo(b)fluoranthene	23.09	252	18543	0.312	ng	# 97
36) Benzo(k)fluoranthene	23.14	252	21032	0.338	ng	# 90
37) Benzo(a)pyrene	23.74	252	19837	0.344	ng	# 94
38) Dibenzo(a,h)anthracene	26.50	278	19024	0.349	ng	# 95
39) Benzo(g,h,i)perylene	27.27	276	19753	0.354	ng	97

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

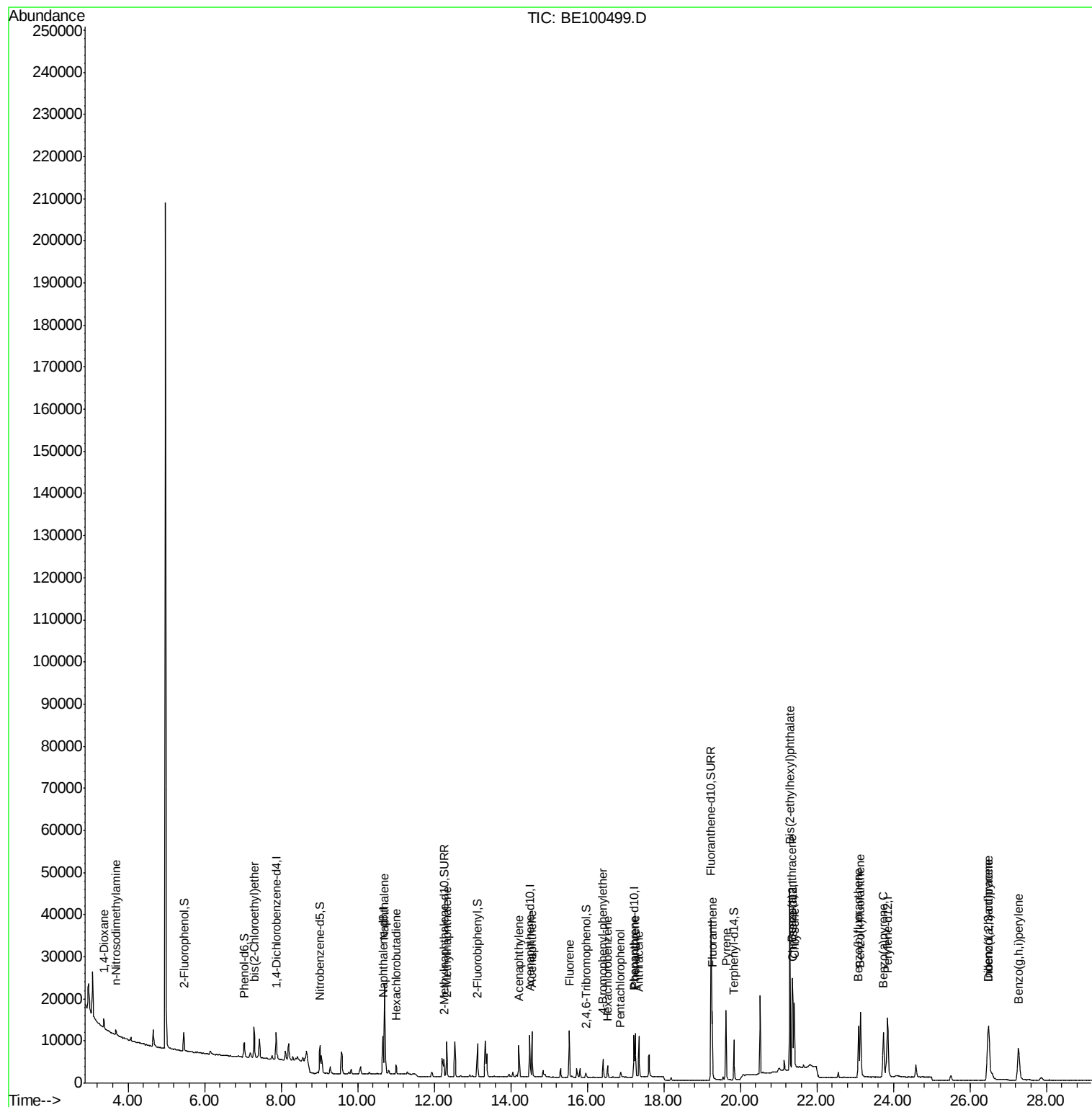
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
Data File : BE100499.D
Acq On : 23 Jul 2019 13:39
Operator : HP/JU
Sample : PB121558BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

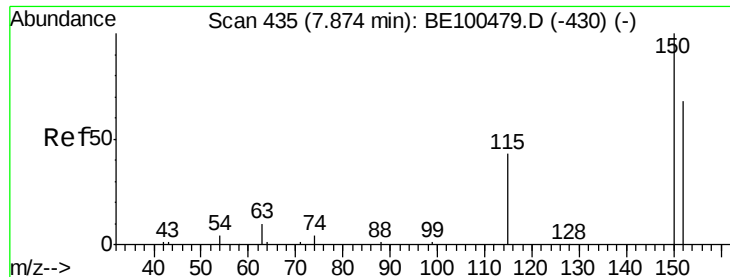
Instrument :
BNA_E
ClientSampleId :
PB121558BSD

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#1

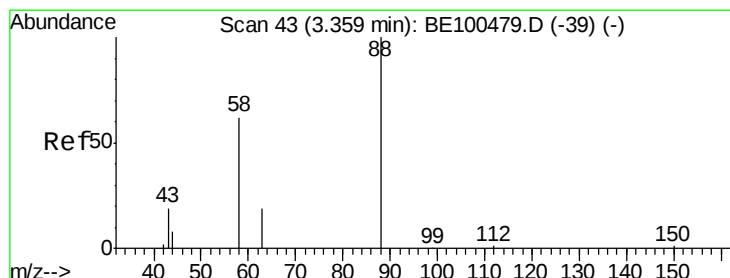
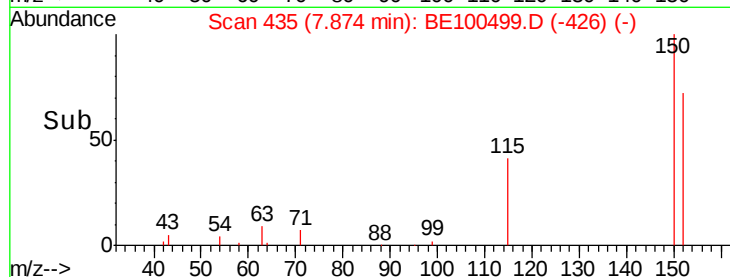
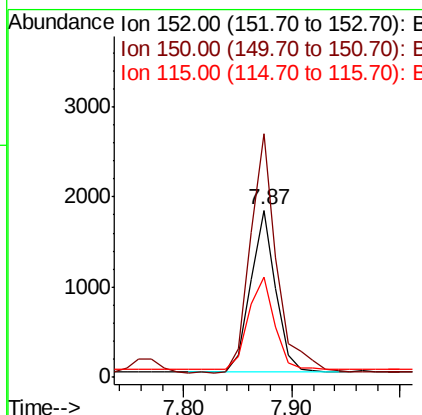
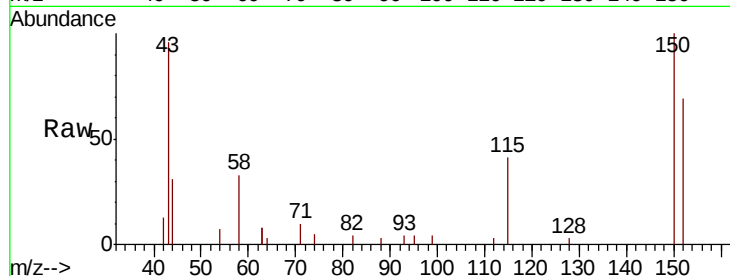
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	115.0	172.6
115	60.3	52.9	79.3

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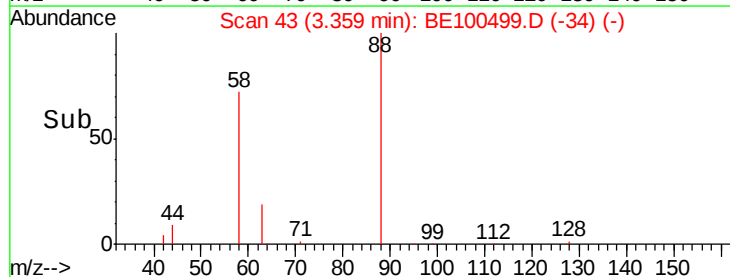
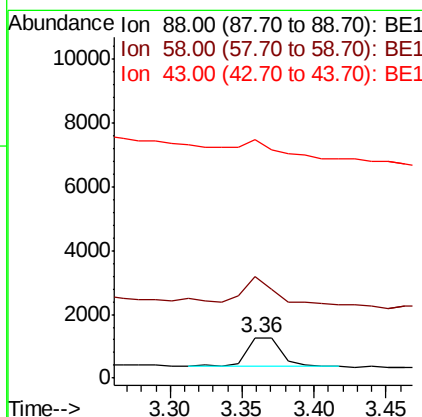
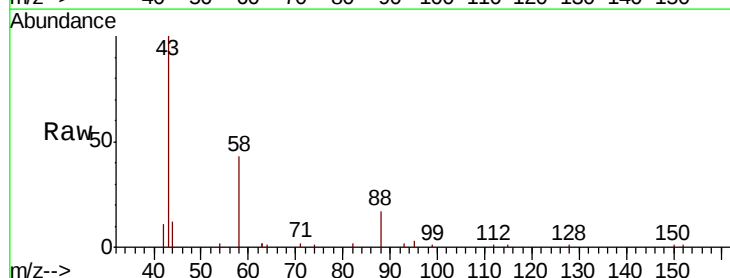
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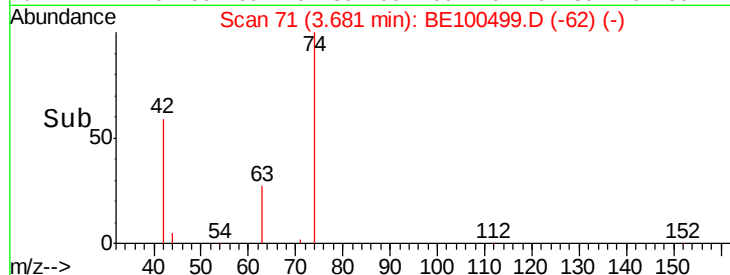
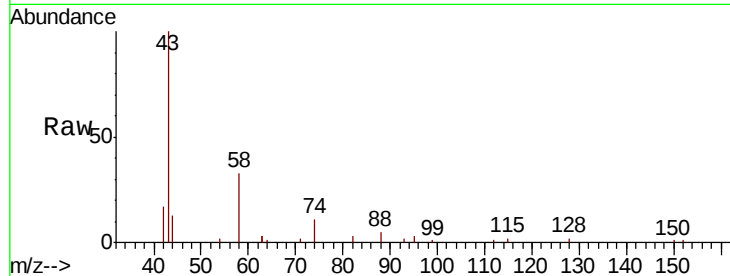
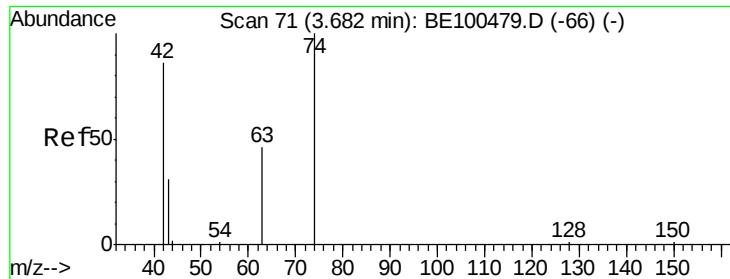


#2

1,4-Dioxane
Concen: 0.297 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	53.2	79.8#
43	0.0	20.8	31.2#





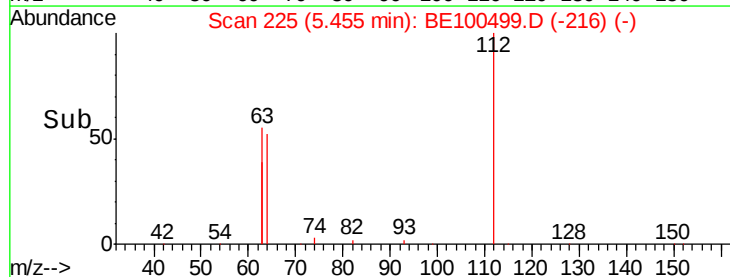
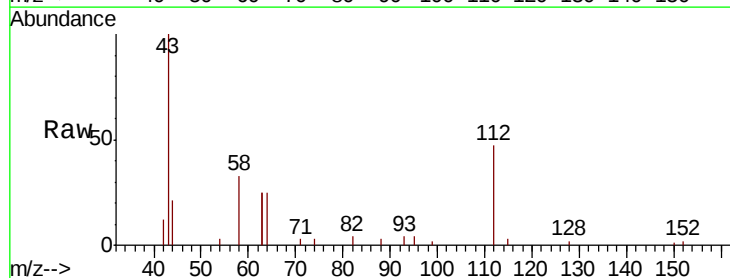
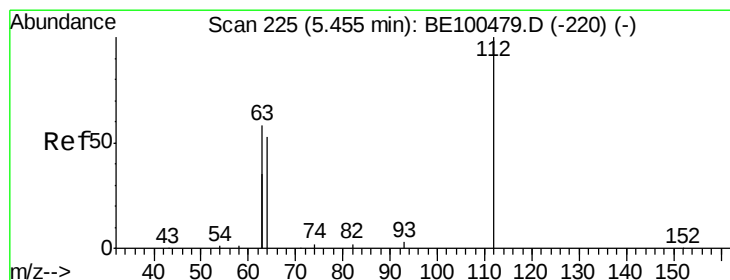
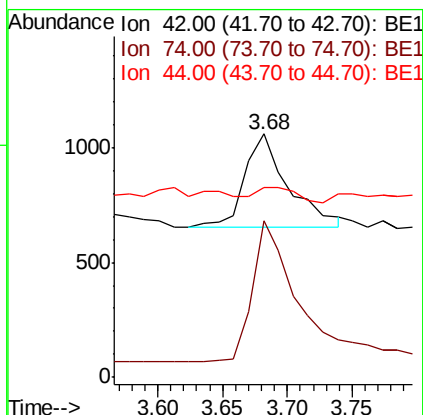
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tot Ion	Ratio	Lower	Upper
42	100		
74	150.2	0.0	0.0#
44	16.7	9.6	14.4#

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

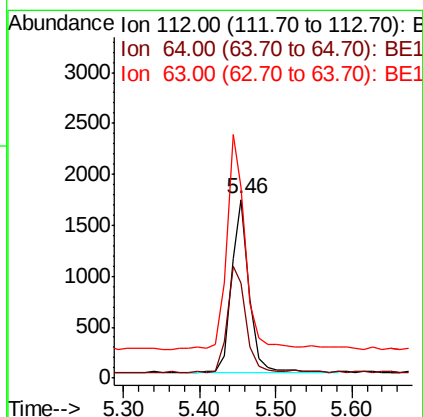
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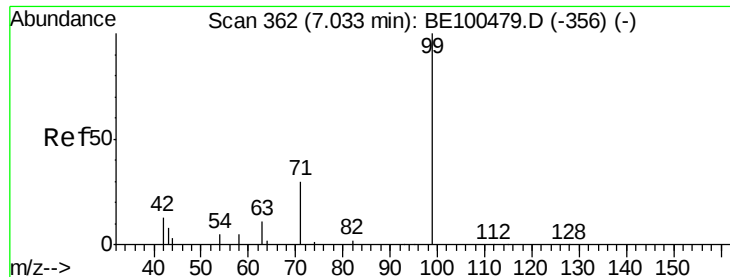
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#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	54.1	81.1
63	128.8	104.6	157.0





#5

Phenol-d6

Concen: 0.371 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

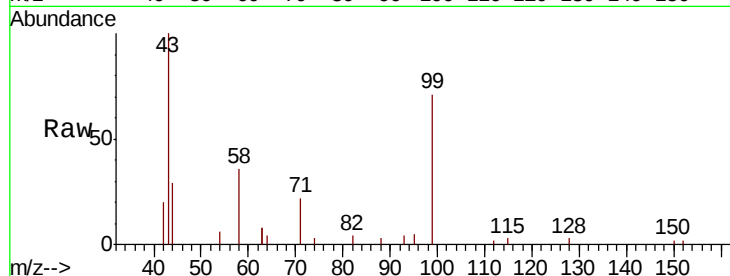
ClientSampled :

PB121558BSD

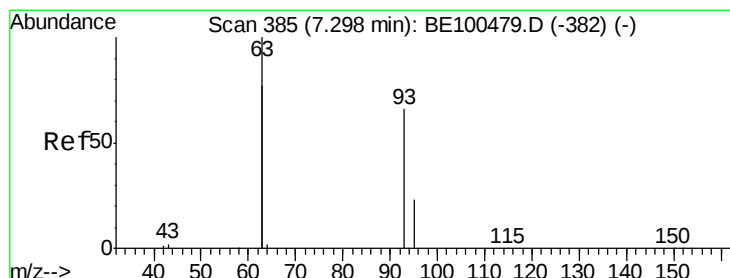
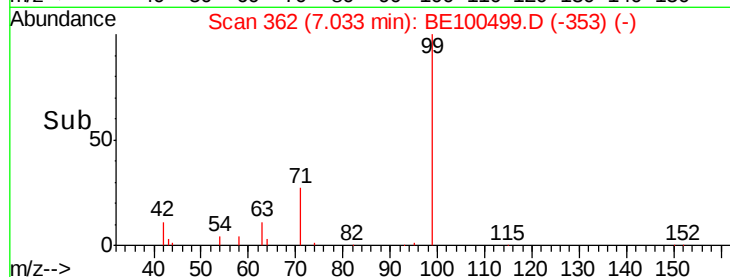
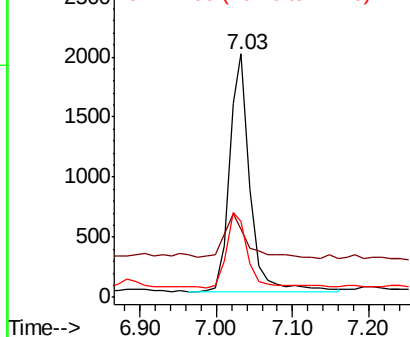
Tot Ion:	99	Resp:	3710
Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	30.9	26.4	39.6

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

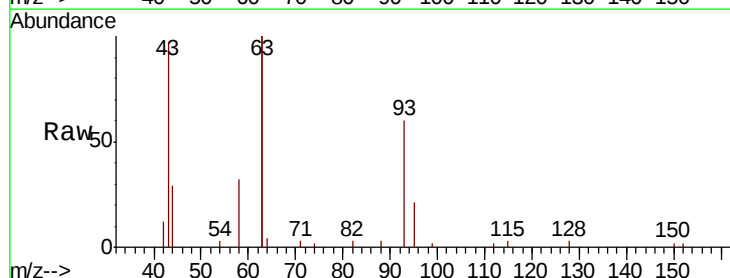
RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

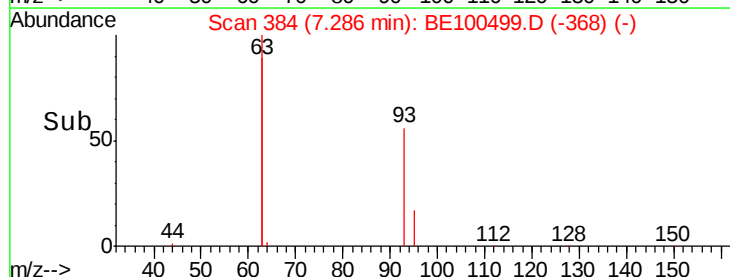
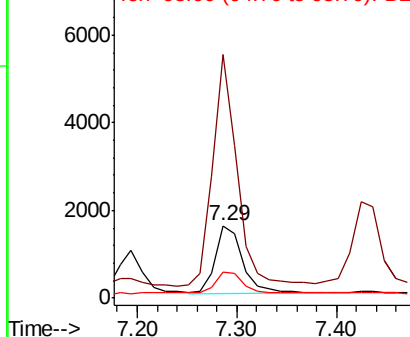
Lab File: BE100499.D

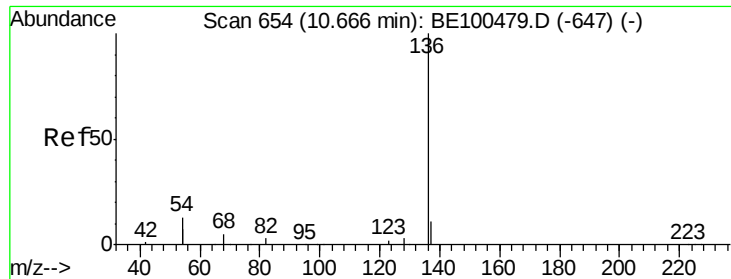
Acq: 23 Jul 2019 13:39

Tgt Ion:	93	Resp:	2964
Ion	Ratio	Lower	Upper
93	100		
63	300.3	248.3	372.5
95	32.2	25.4	38.0



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

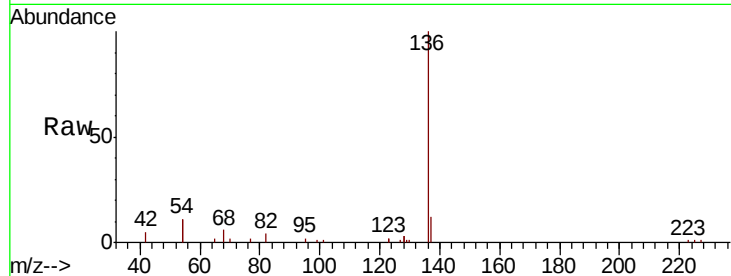
ClientSampleId :

PB121558BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	22.5	20.6	31.0
68	5.9	5.3	7.9

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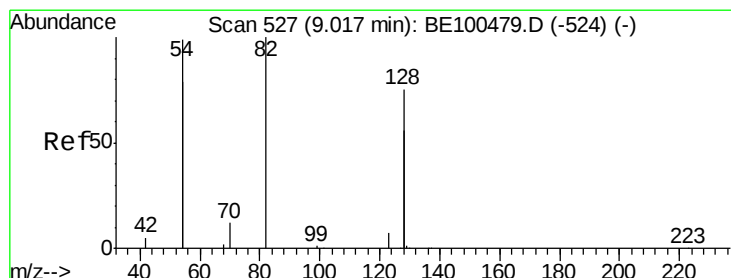
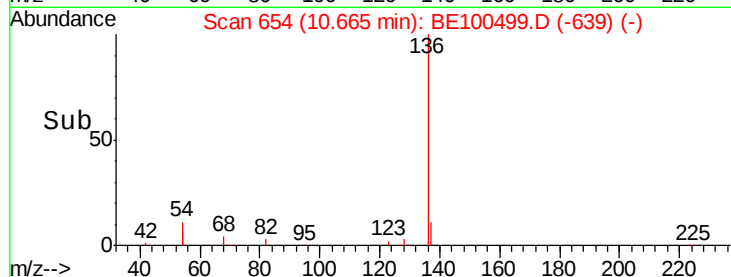
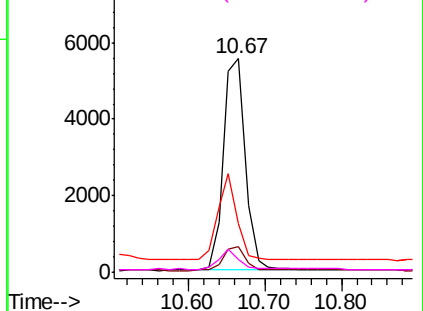
Abundance

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: 0.321 ng

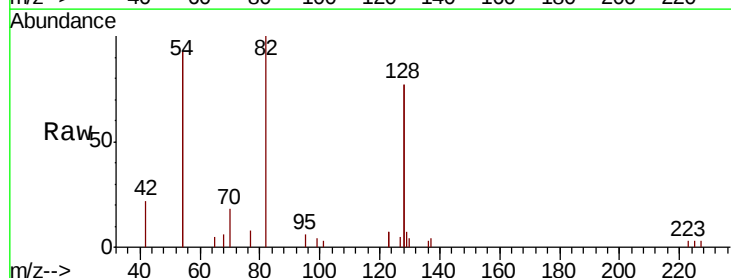
RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
82	100		
128	153.8	113.6	170.4
54	185.7	150.6	226.0

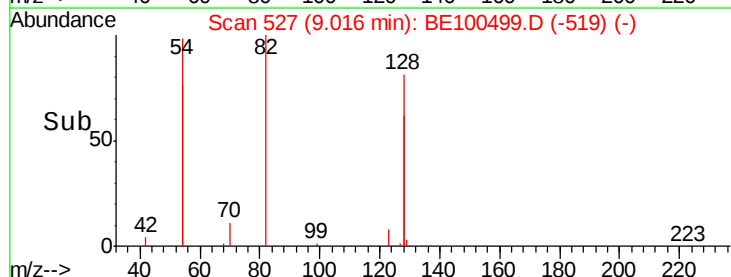
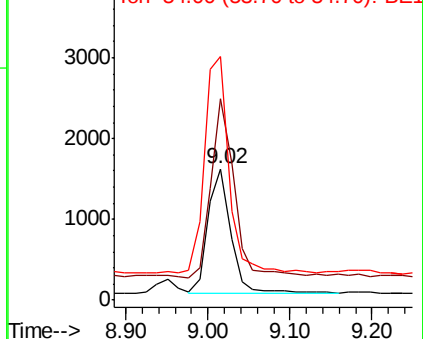


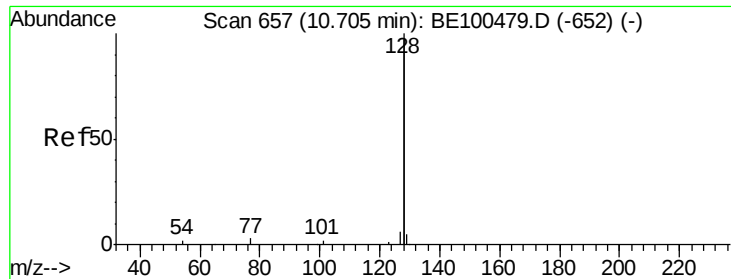
Abundance

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: 0.331 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

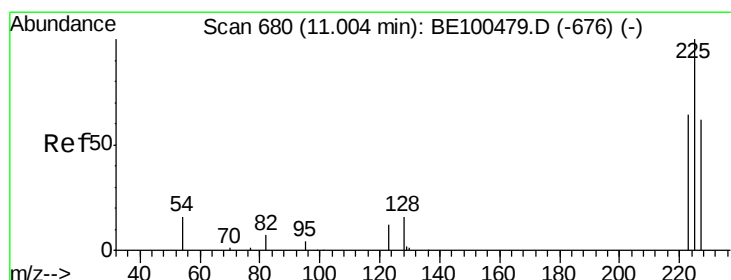
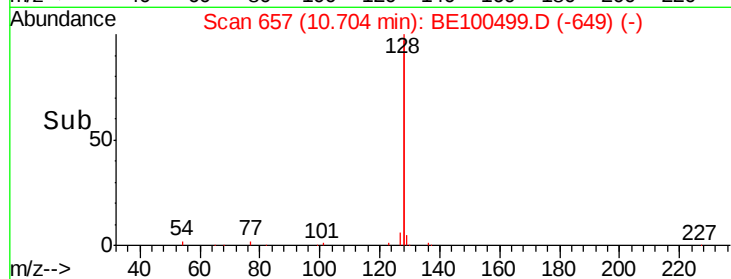
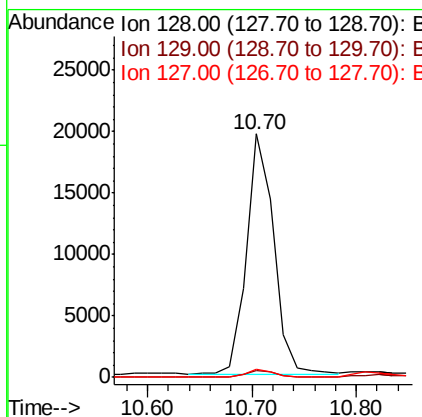
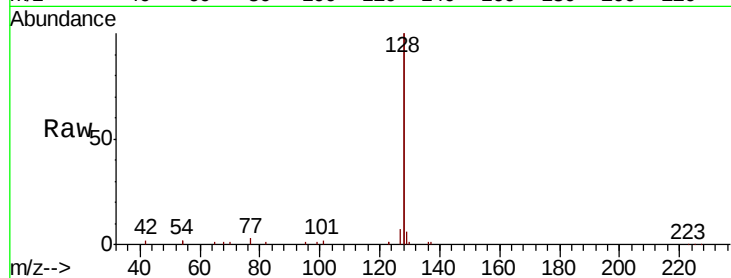
ClientSampleId :

PB121558BSD

Tot Ion:	128	Resp:	35482
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.3	3.5
127	3.5	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.325 ng

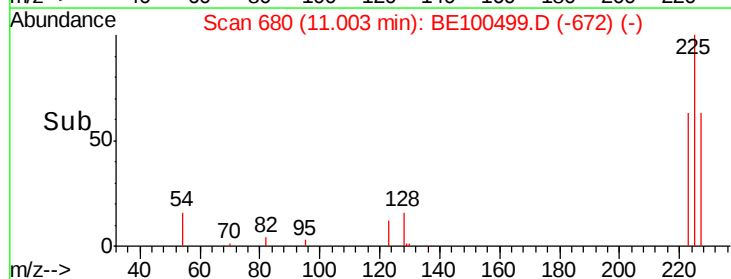
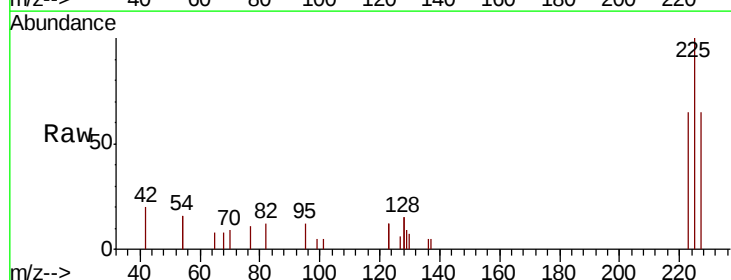
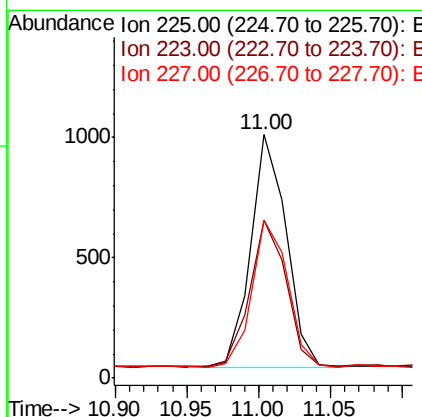
RT: 11.00 min Scan# 680

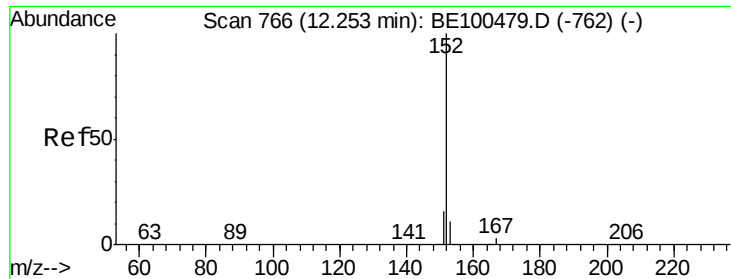
Delta R.T. -0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Tgt Ion:	225	Resp:	1664
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.4	74.0
227	63.8	51.4	77.2





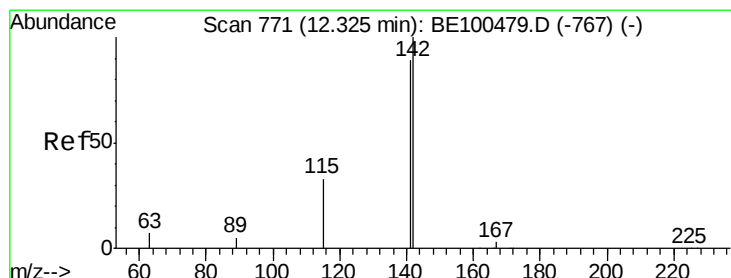
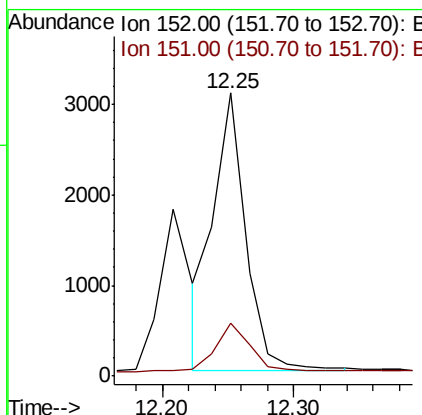
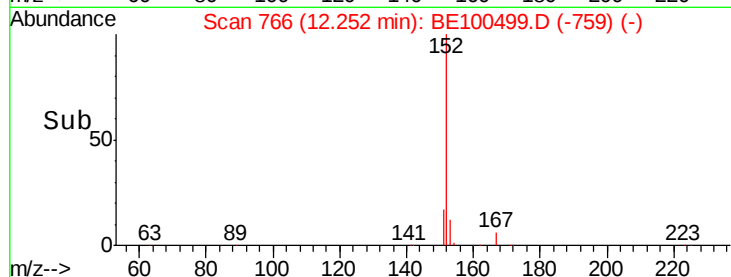
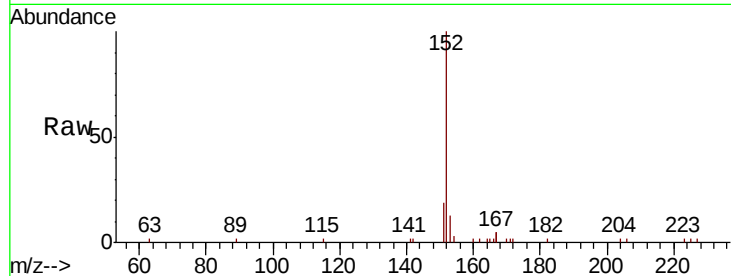
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng m
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

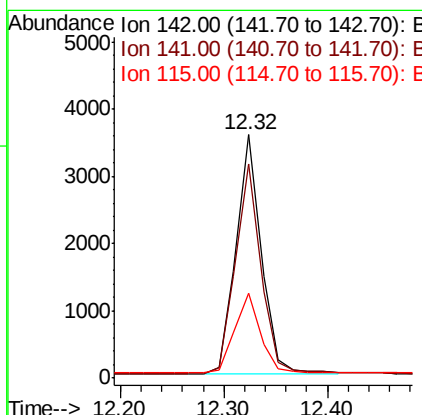
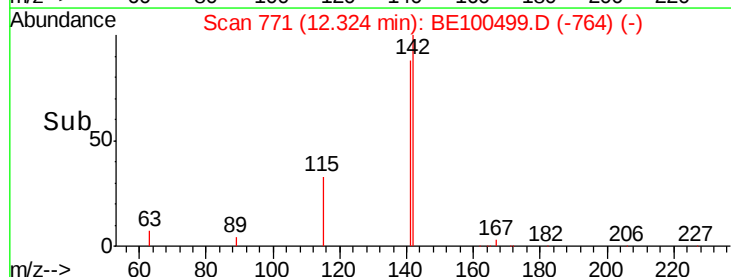
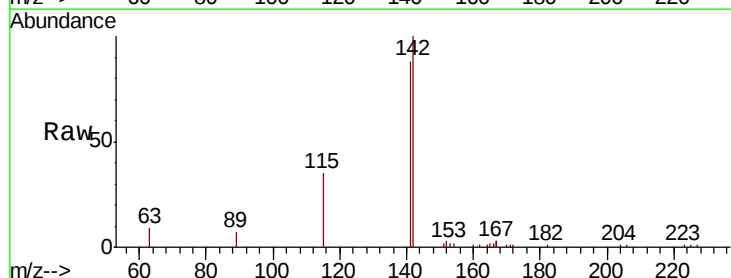
Manual Integrations
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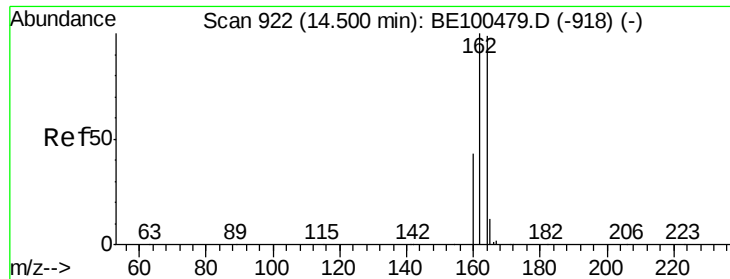
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#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	34.6	27.8	41.6





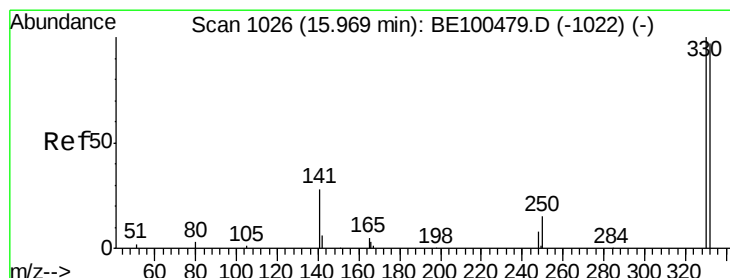
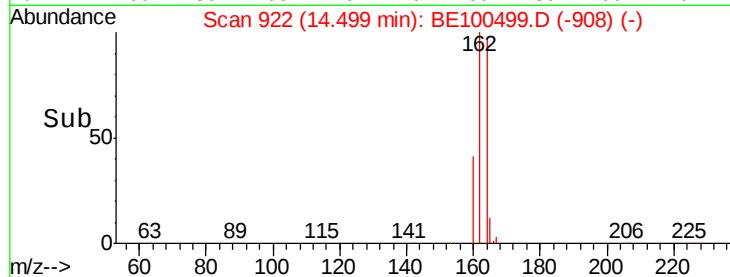
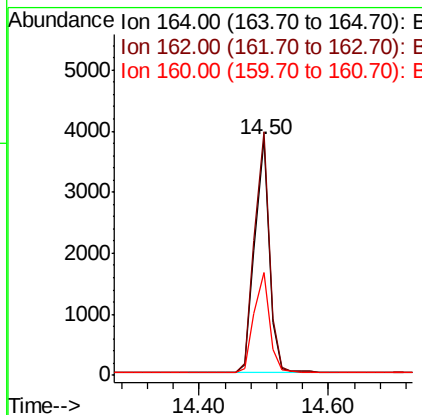
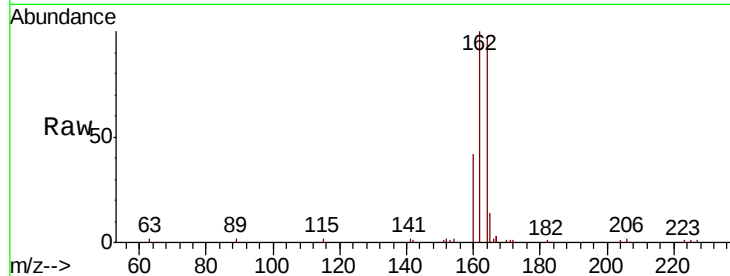
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.8	121.2
160	43.4	34.9	52.3

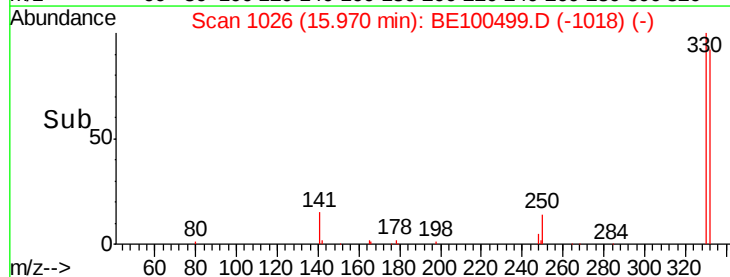
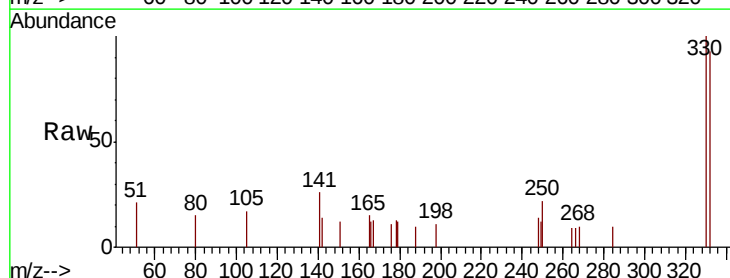
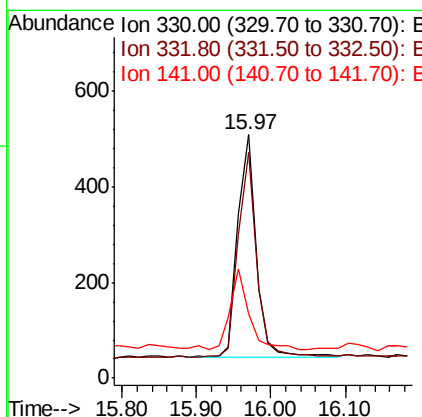
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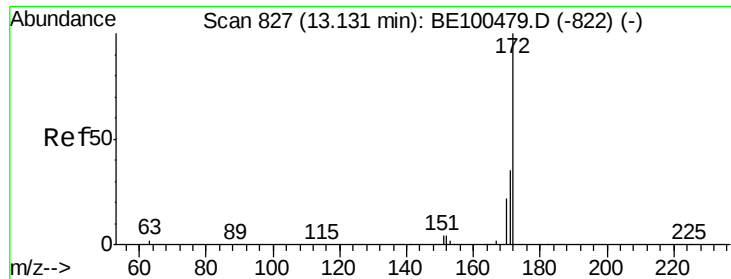
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#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.8	80.5	120.7
141	36.0	29.9	44.9





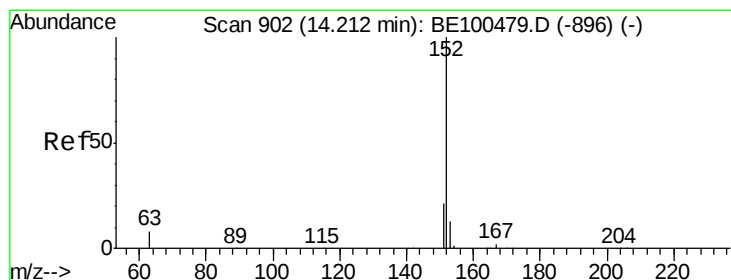
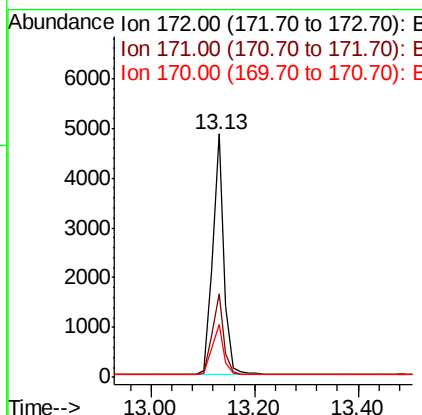
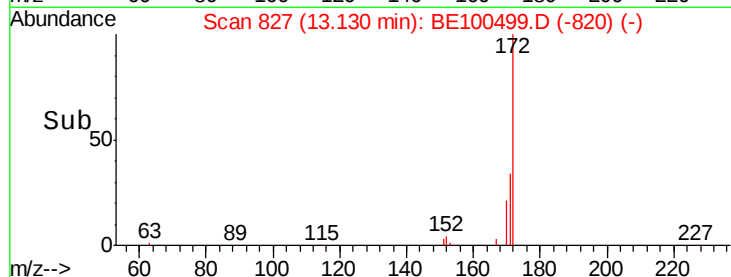
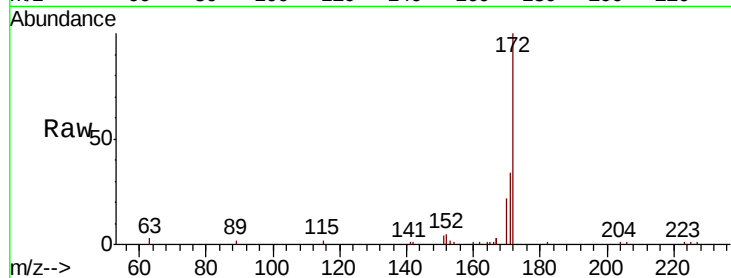
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	21.5	17.8	26.8

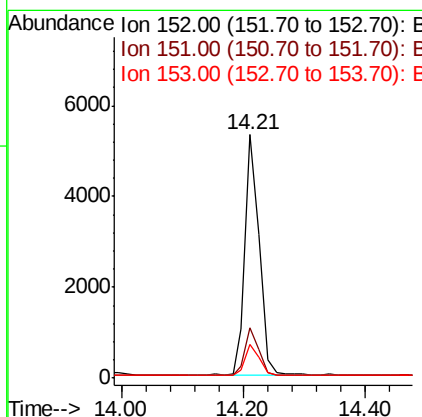
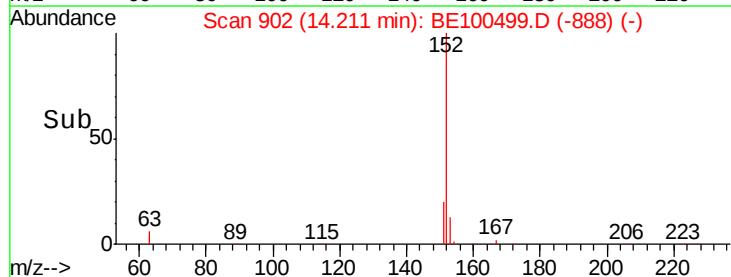
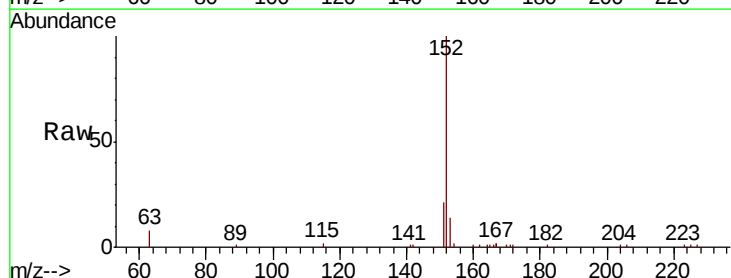
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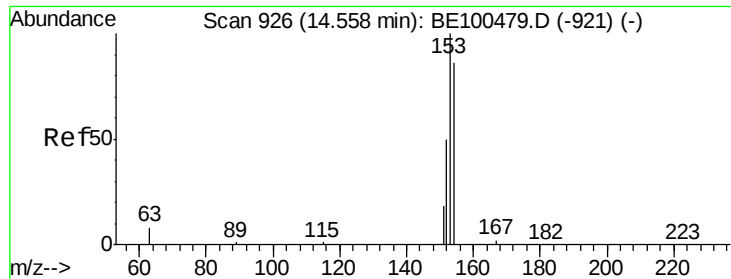
mohammad
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#16
Acenaphthylene
Concen: 0.319 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	13.2	10.6	16.0





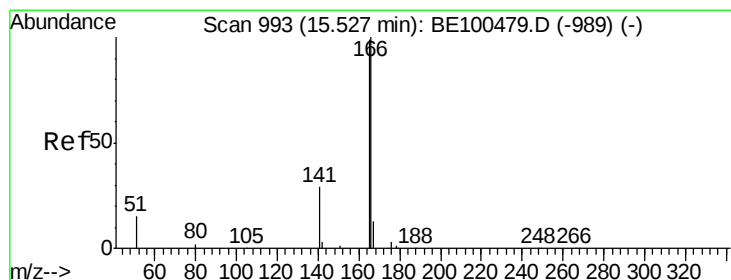
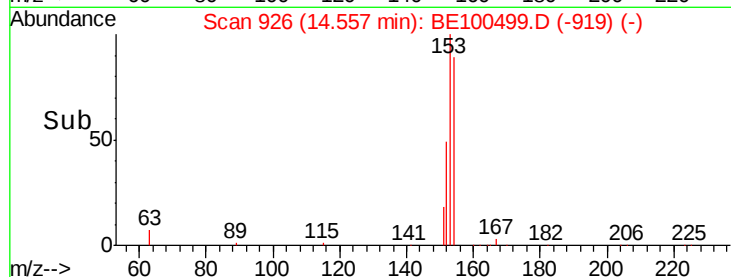
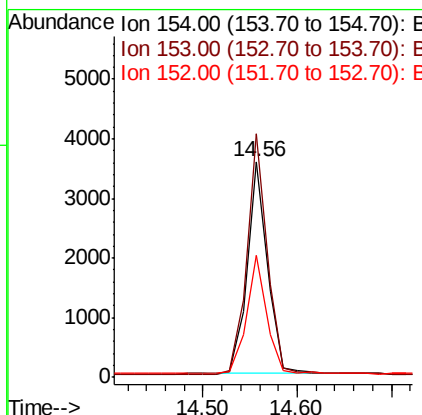
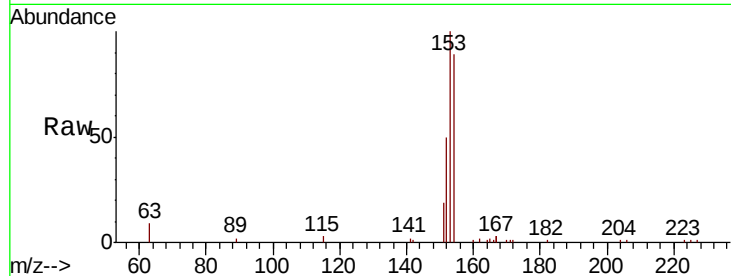
#17
Acenaphthene
Concen: 0.323 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.8	136.2
152	55.0	45.1	67.7

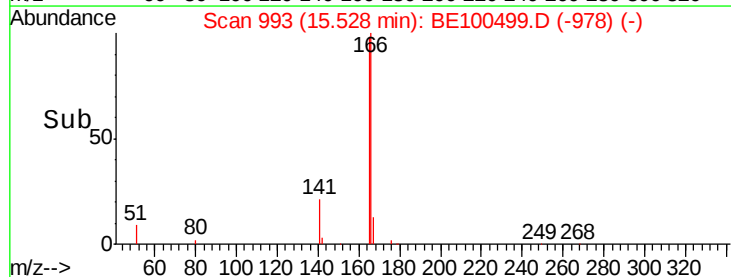
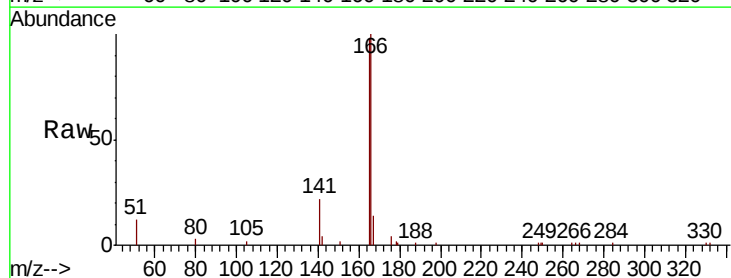
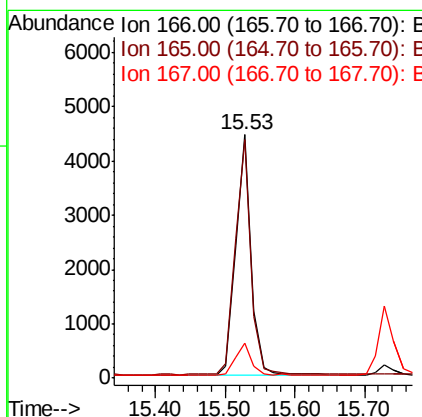
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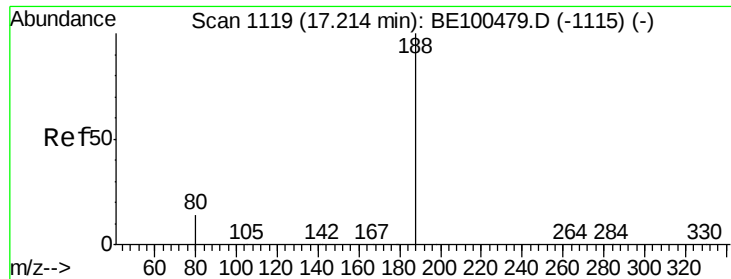
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#18
Fluorene
Concen: 0.311 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	13.6	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

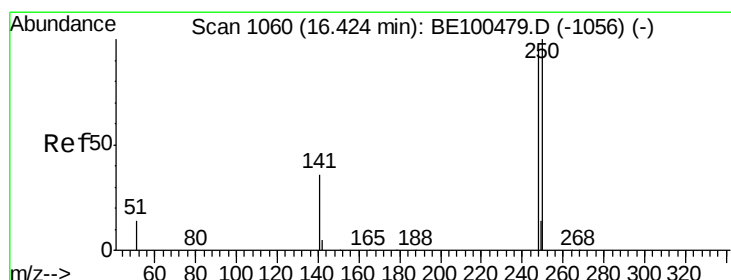
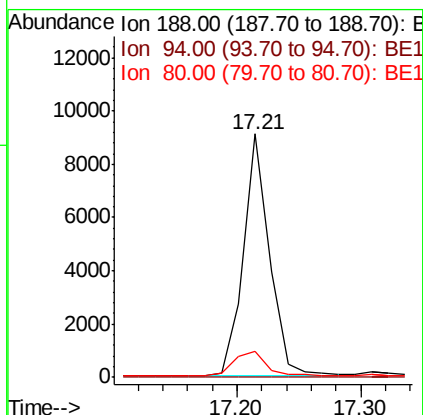
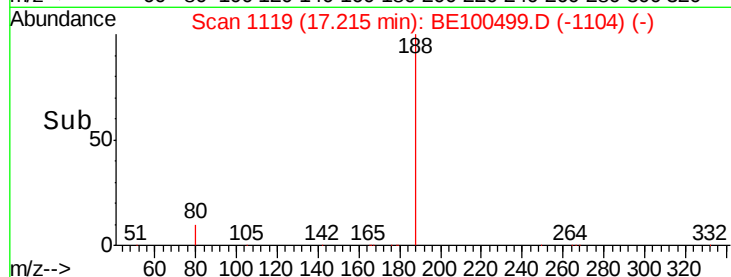
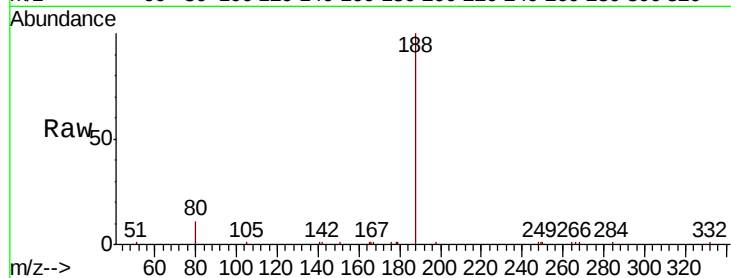
ClientSampleId :

PB121558BSD

Tot Ion:	188	Resp:	13317
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	11.9	17.9#

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#20

4-Bromophenyl-phenylether

Concen: 0.346 ng

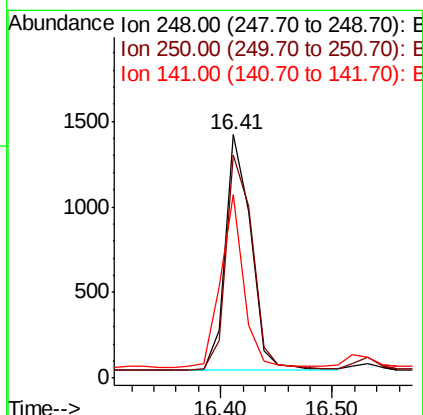
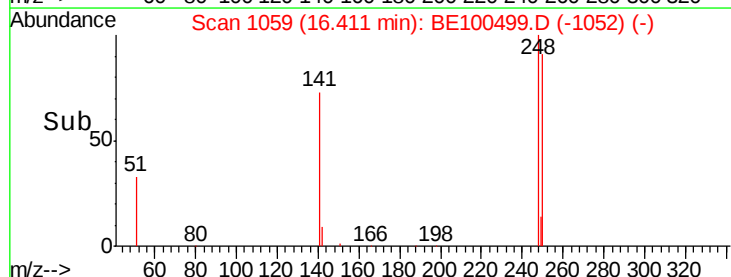
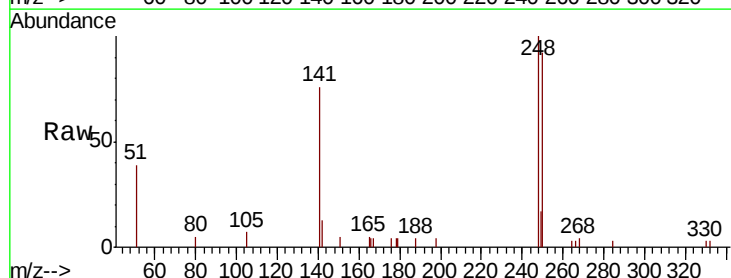
RT: 16.41 min Scan# 1059

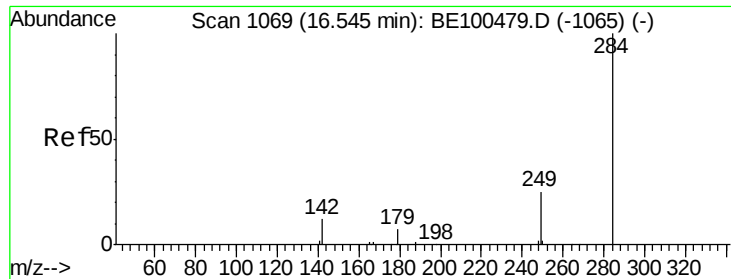
Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Tgt Ion:	248	Resp:	2191
Ion Ratio	Lower	Upper	
248	100		
250	91.7	84.4	126.6
141	75.6	32.2	48.2#





#21

Hexachlorobenzene

Concen: 0.339 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

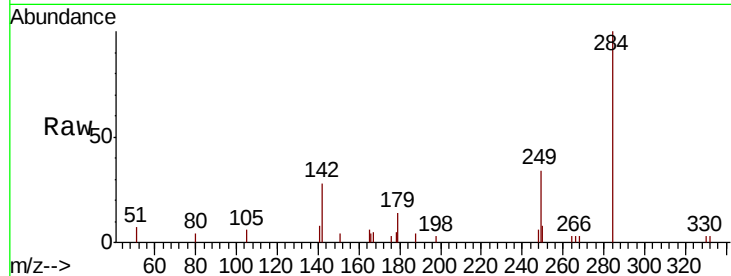
ClientSampleId :

PB121558BSD

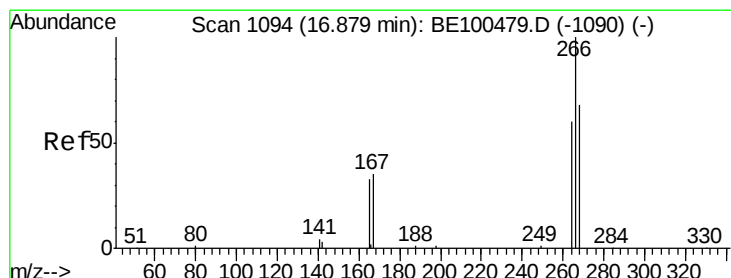
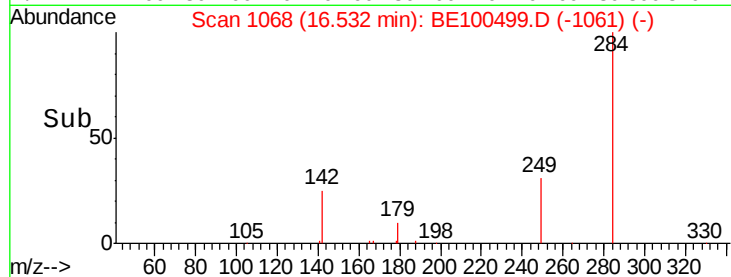
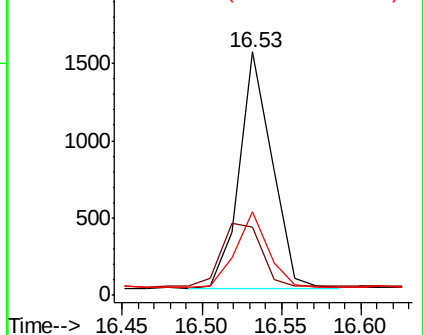
Tot Ion:	284	Resp:	2210
Ion Ratio	Lower	Upper	
284	100		
142	32.2	26.7	40.1
249	31.9	25.0	37.4

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.400 ng

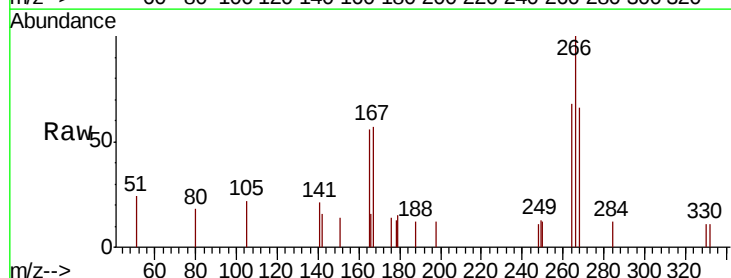
RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

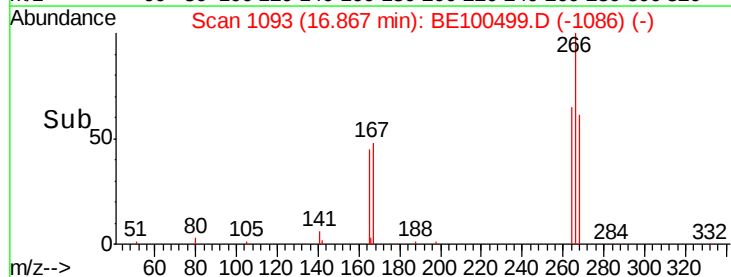
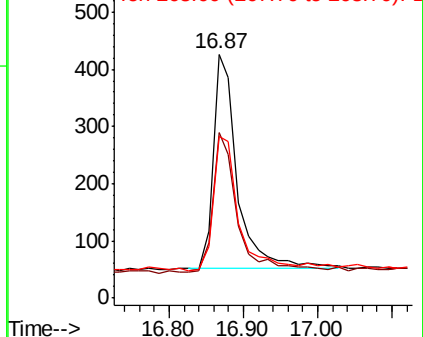
Lab File: BE100499.D

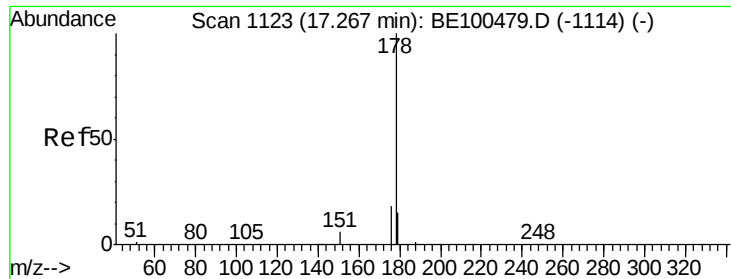
Acq: 23 Jul 2019 13:39

Tgt Ion:	266	Resp:	858
Ion Ratio	Lower	Upper	
266	100		
264	67.8	50.4	75.6
268	66.4	56.6	85.0



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.336 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

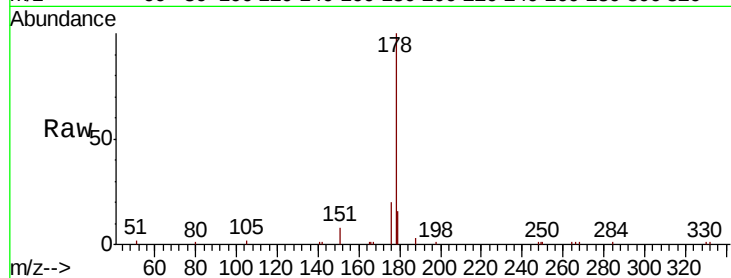
ClientSampleId :

PB121558BSD

Tot Ion:178	Resp:	10964
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.4 23.2
179	15.9	12.6 18.8

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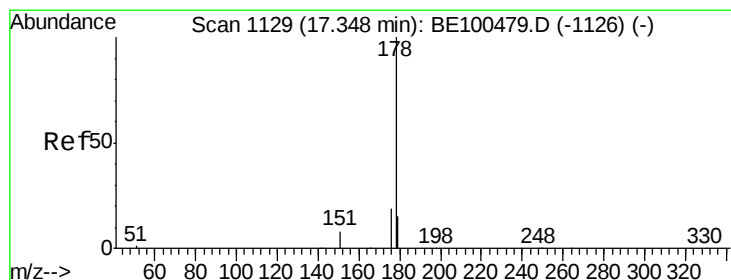
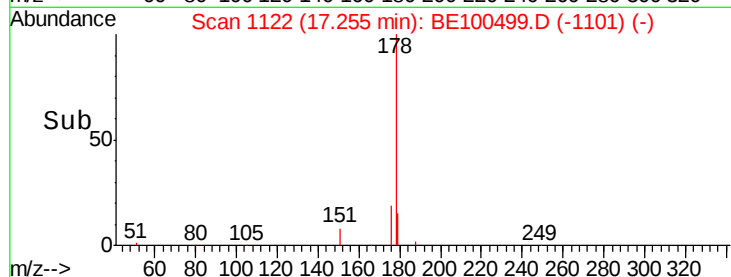
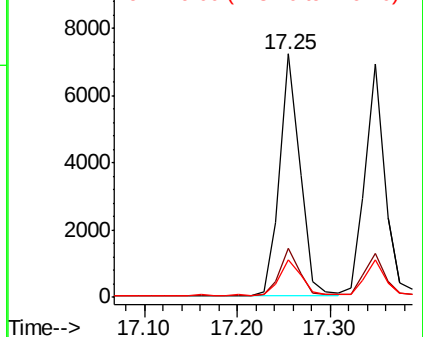


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.326 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

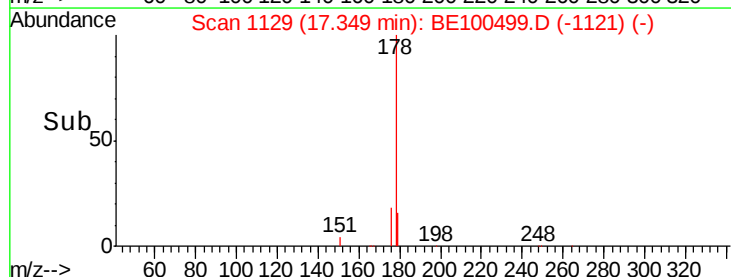
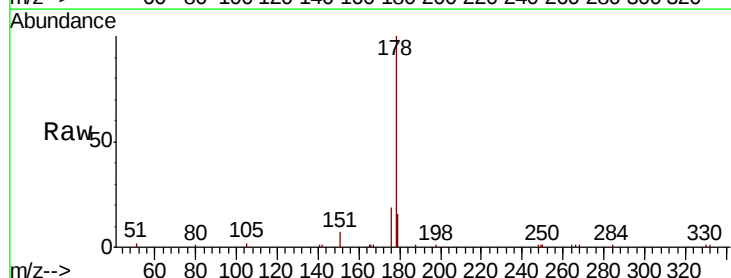
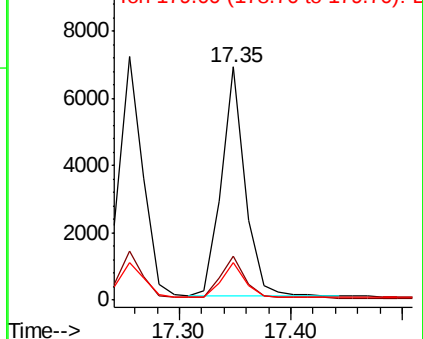
Tgt Ion:178	Resp:	10142
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.3 22.9
179	15.4	12.2 18.2

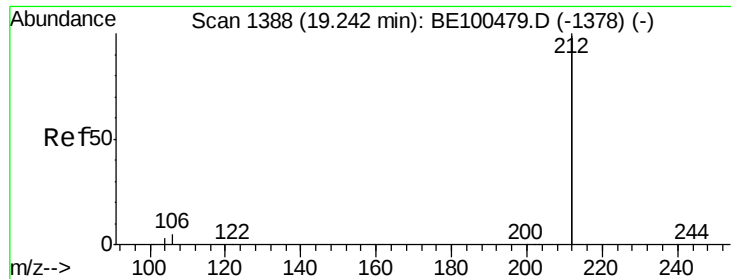
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

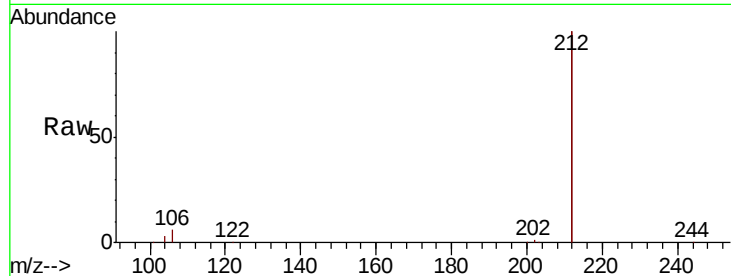
ClientSampleId :

PB121558BSD

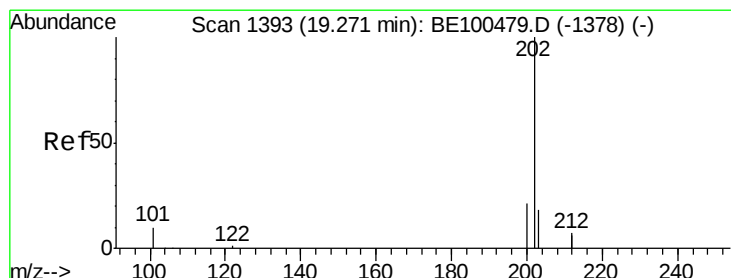
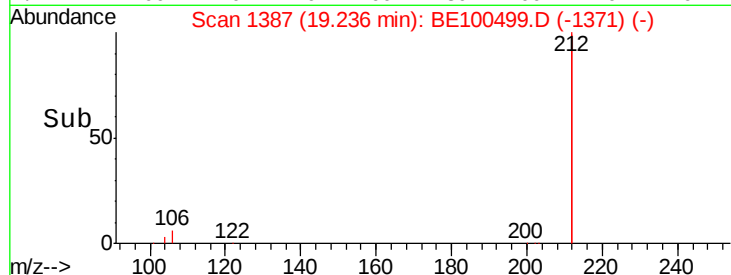
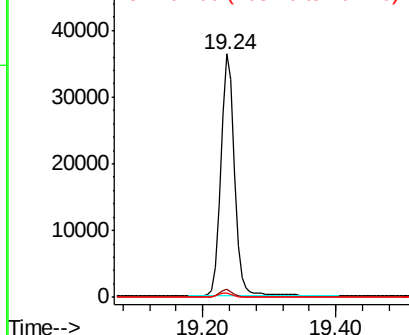
Tot Ion:	212	Resp:	51553
Ion Ratio	Lower	Upper	
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

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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: 0.308 ng

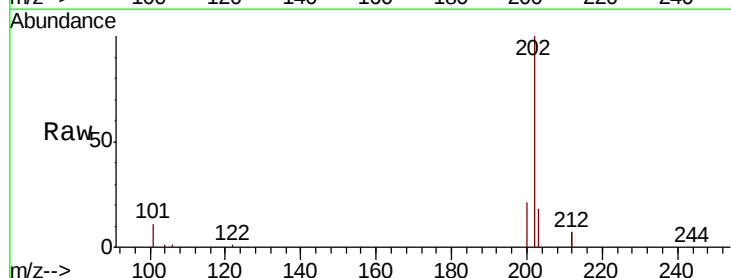
RT: 19.27 min Scan# 1392

Delta R.T. -0.01 min

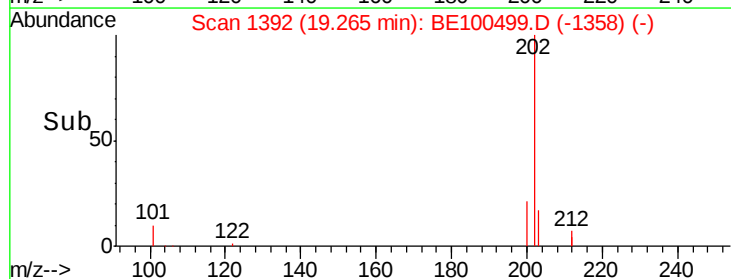
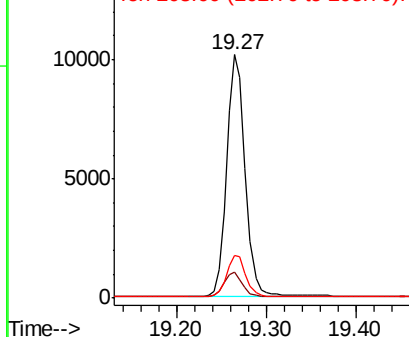
Lab File: BE100499.D

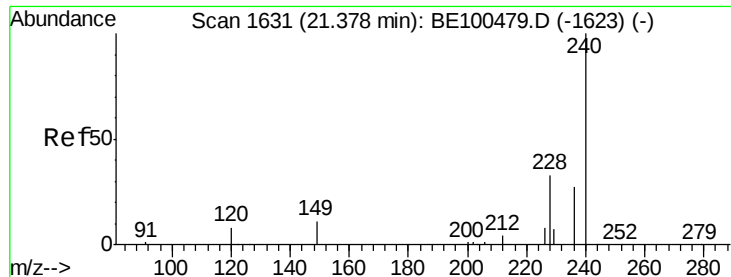
Acq: 23 Jul 2019 13:39

Tgt Ion:	202	Resp:	14457
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.0	12.0
203	17.0	13.5	20.3



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





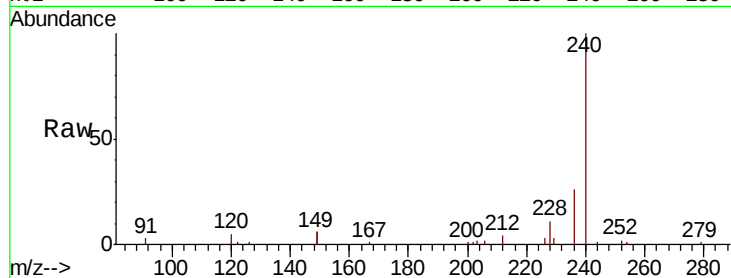
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampled :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	26.0	22.6	34.0

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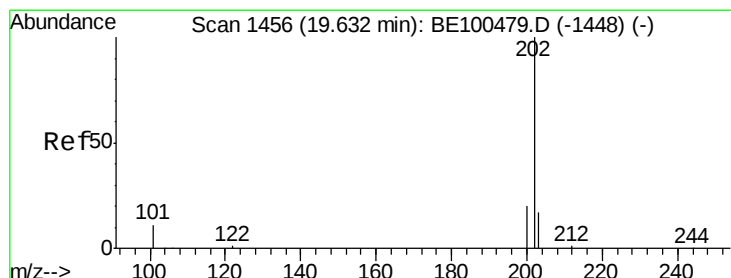
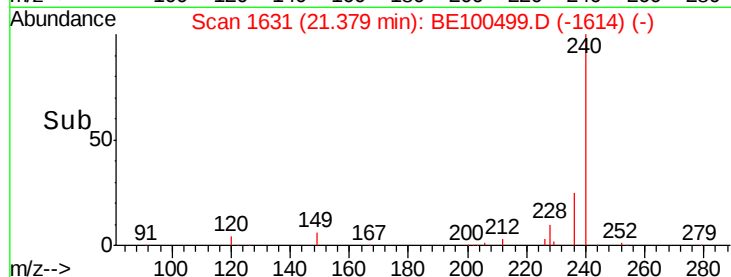
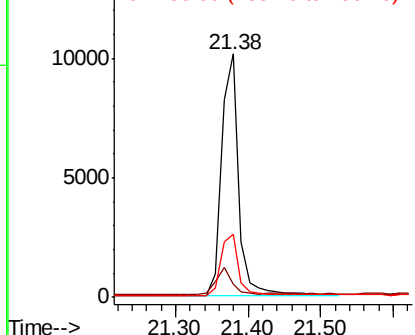


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.293 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

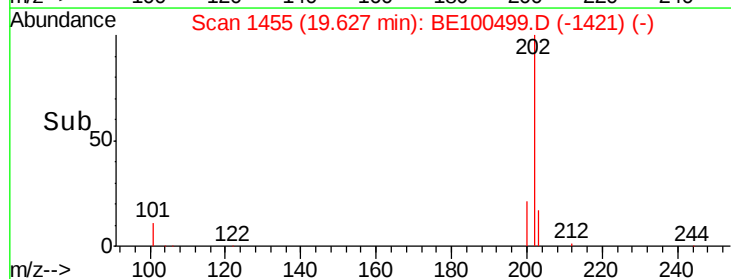
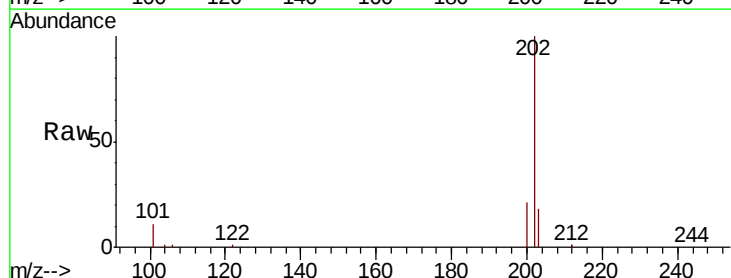
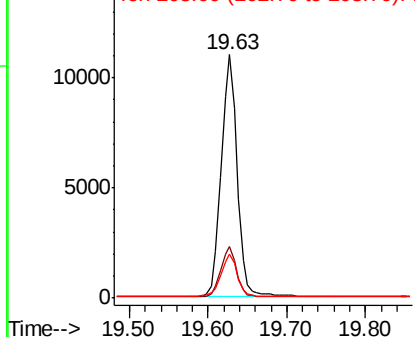
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.2	14.1	21.1

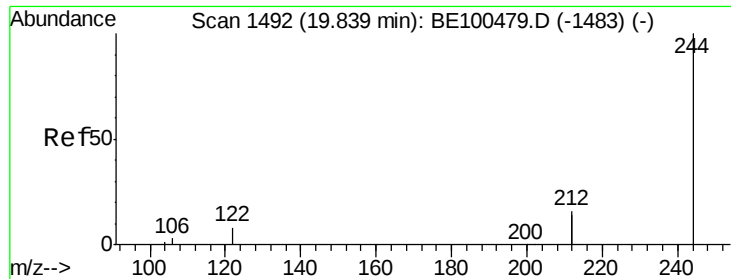
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





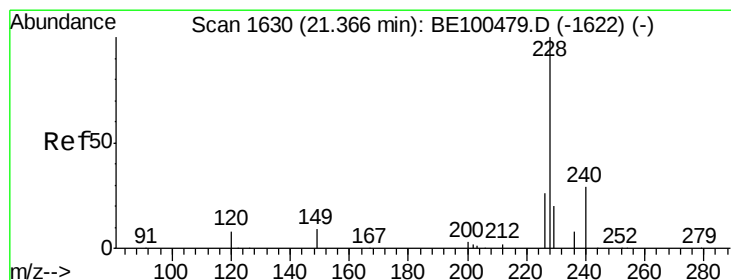
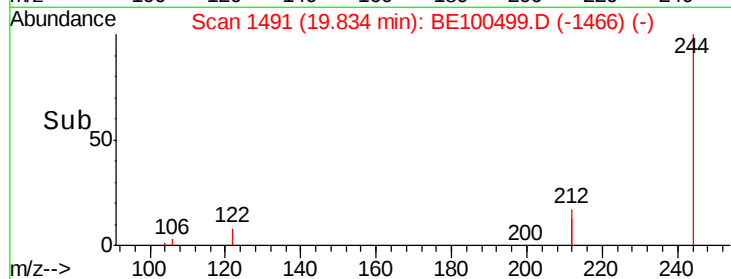
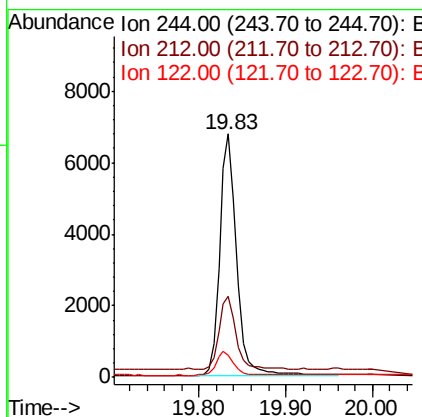
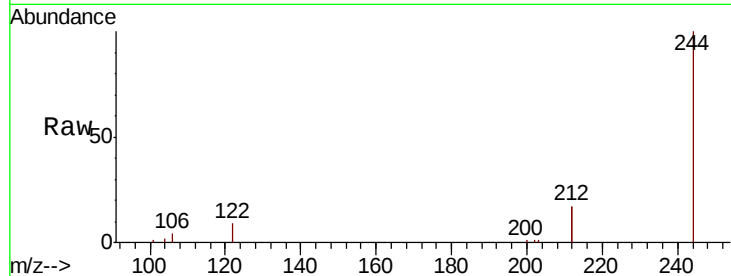
#29
 Terphenyl-d14
 Concen: 0.222 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE100499.D
 Acq: 23 Jul 2019 13:39

Instrument :
 BNA_E
 ClientSampleId :
 PB121558BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.6	38.4
122	9.0	7.2	10.8

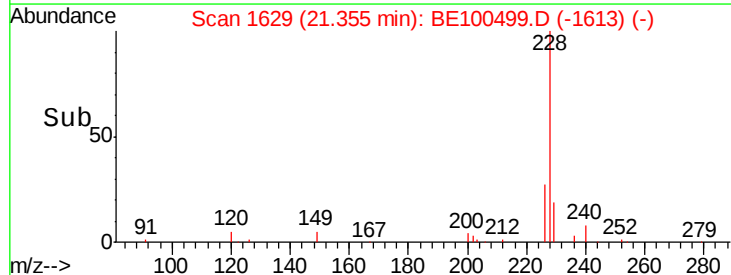
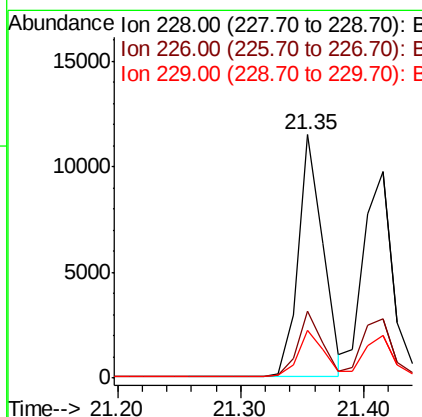
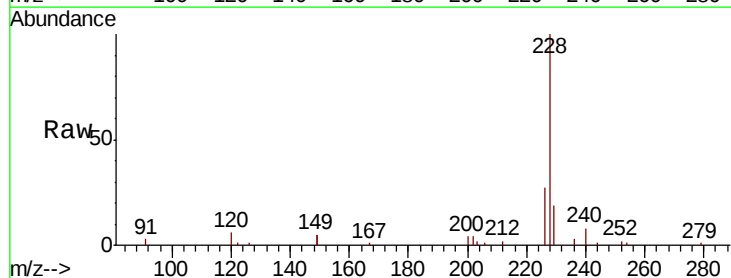
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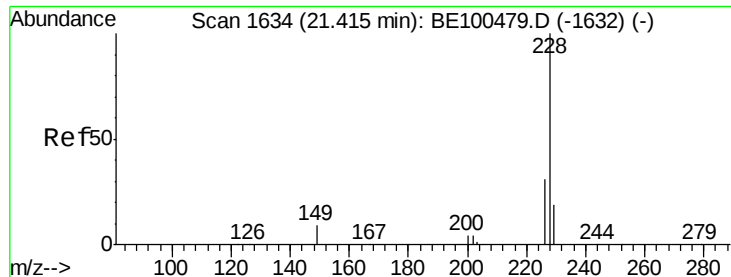
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.309 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BE100499.D
 Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.4	17.3	25.9





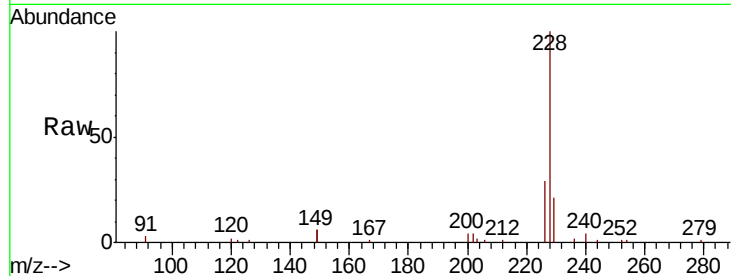
#31
 Chrysene
 Concen: 0.312 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE100499.D
 Acq: 23 Jul 2019 13:39

Instrument :
 BNA_E
 ClientSampleId :
 PB121558BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.6	16.7	25.1

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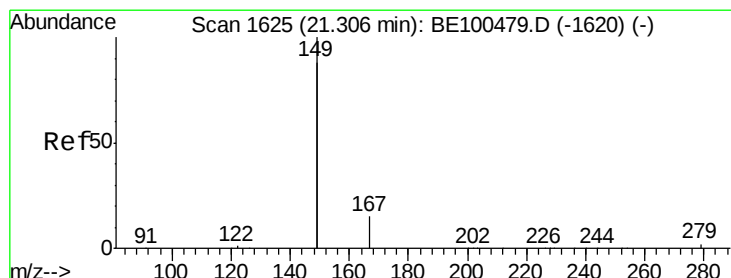
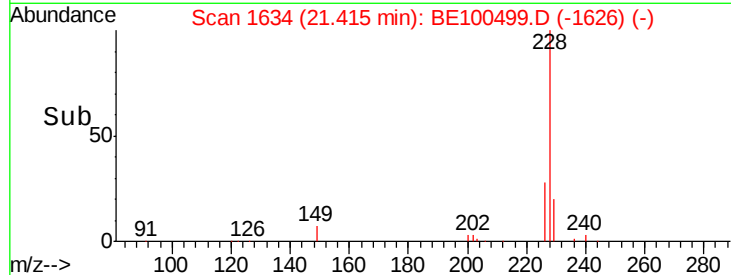
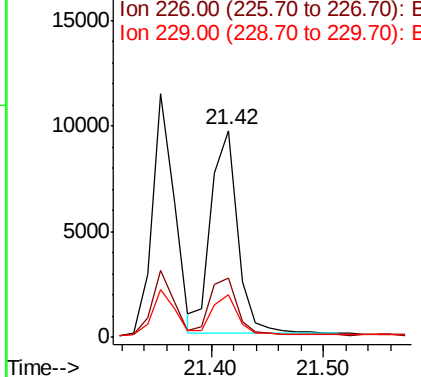


Abundance

Ion 228.00 (227.70 to 228.70): E

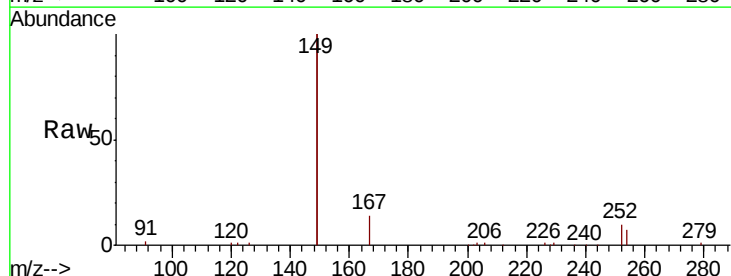
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.359 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100499.D
 Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.0	1.0	1.6

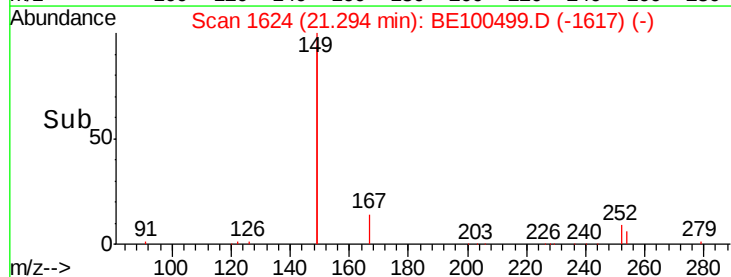
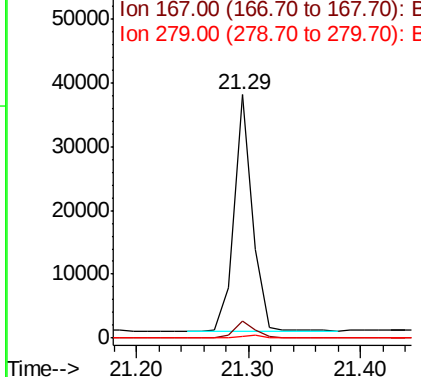


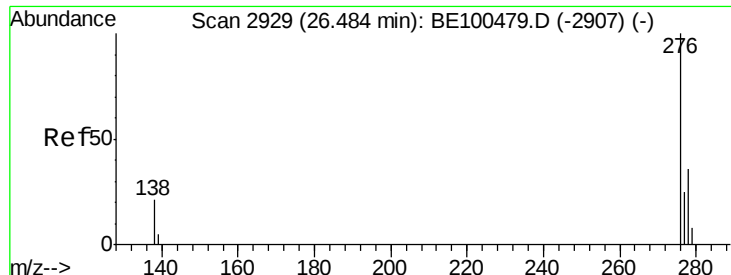
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





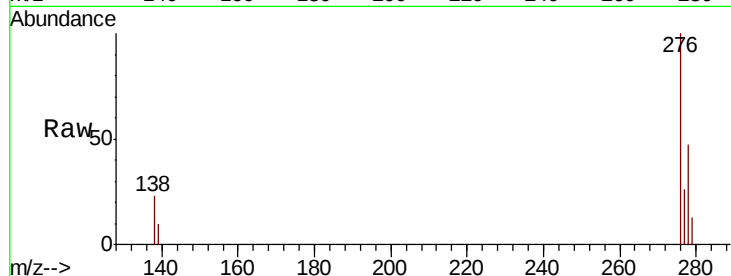
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.01 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.6	25.0
277	24.4	19.1	28.7

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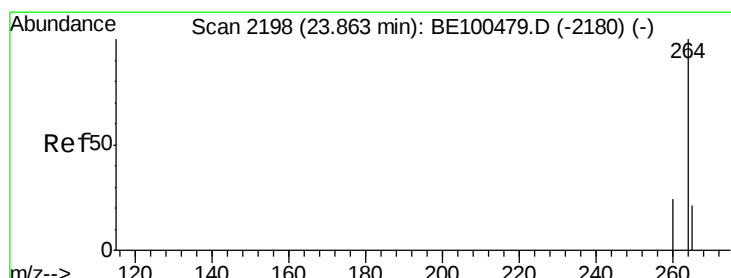
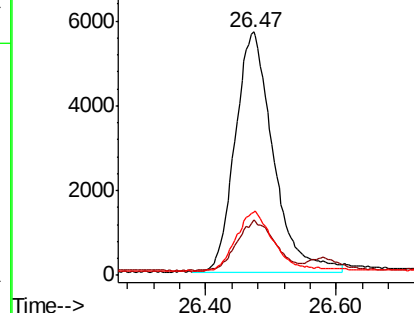
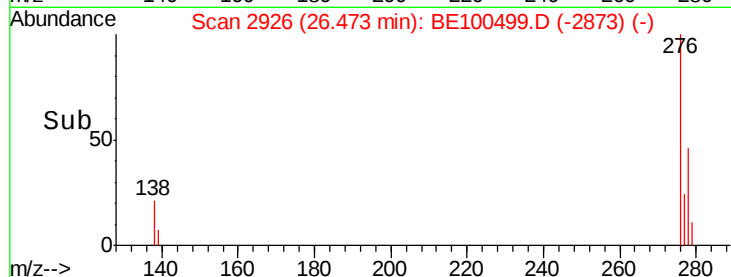


Abundance

Ion 276.00 (275.70 to 276.70): E

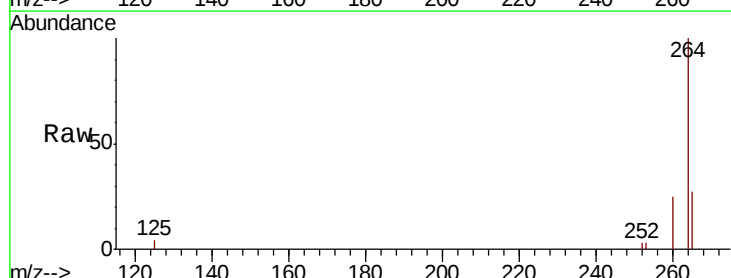
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	27.1	23.4	35.2

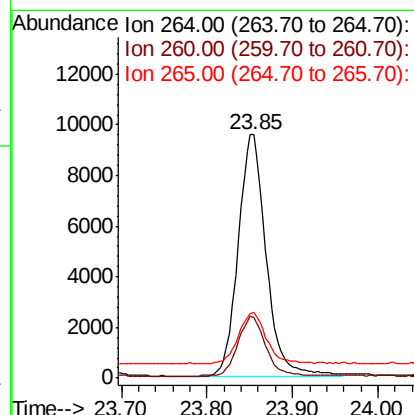
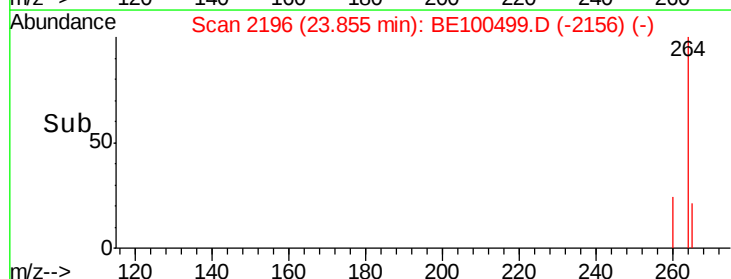


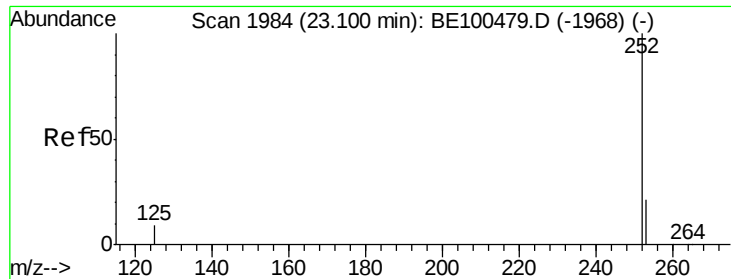
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





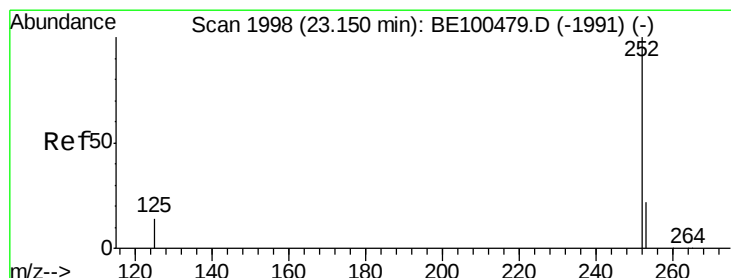
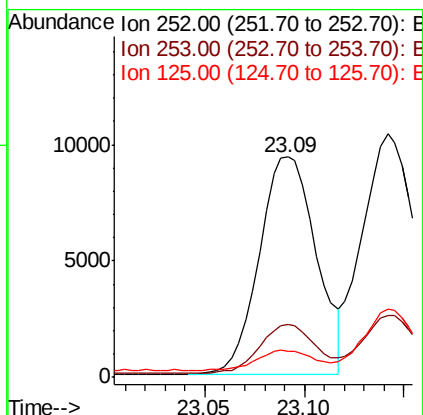
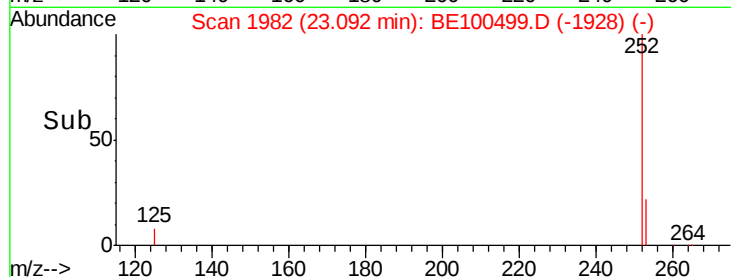
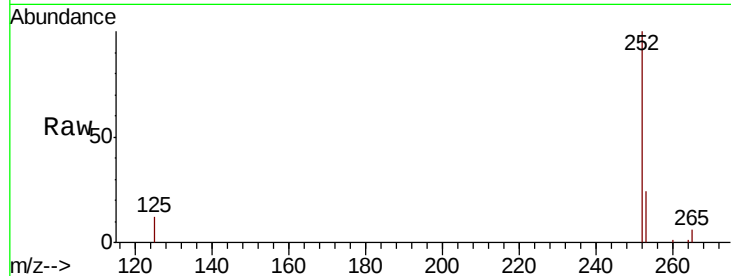
#35
Benzo(b)fluoranthene
Concen: 0.312 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Instrument :
BNA_E
ClientSampleId :
PB121558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	11.9	11.9	17.9

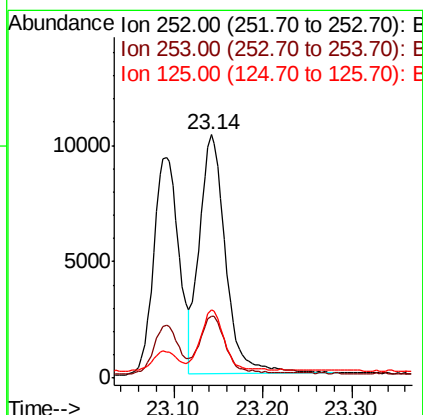
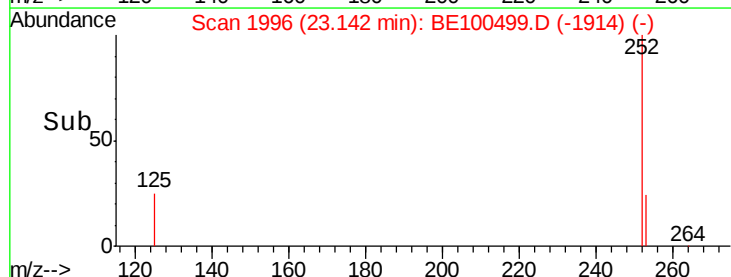
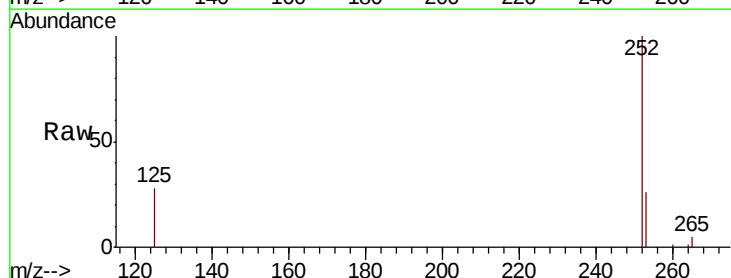
Manual Integrations
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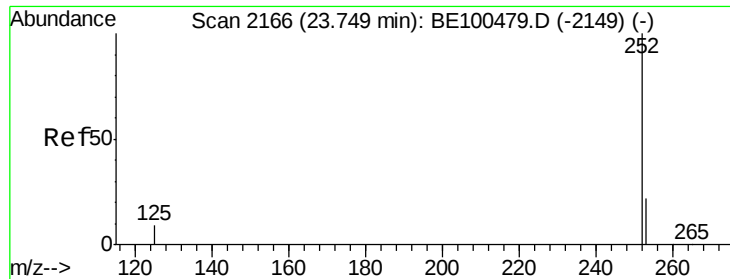
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100499.D
Acq: 23 Jul 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.7	29.5
125	28.0	15.2	22.8





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

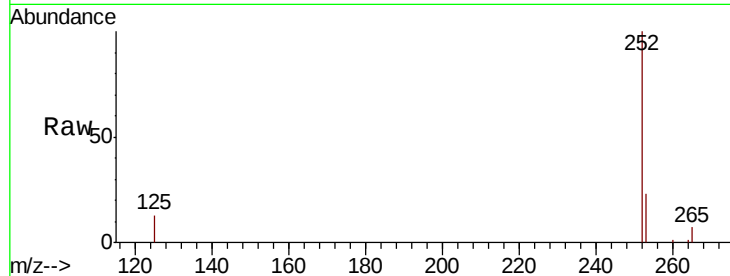
ClientSampleId :

PB121558BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	13.4	14.1	21.1

Manual Integrations
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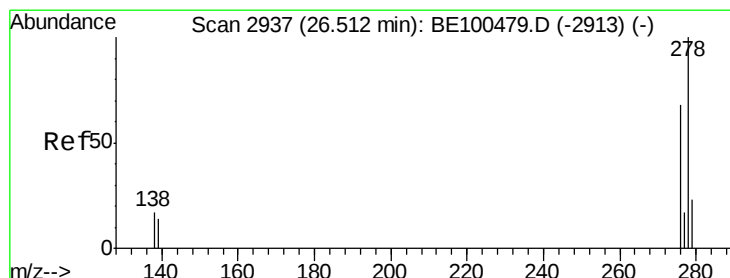
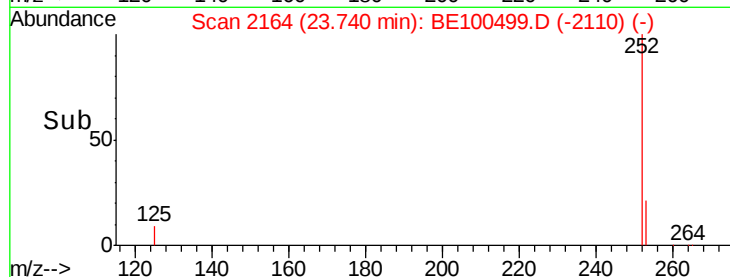
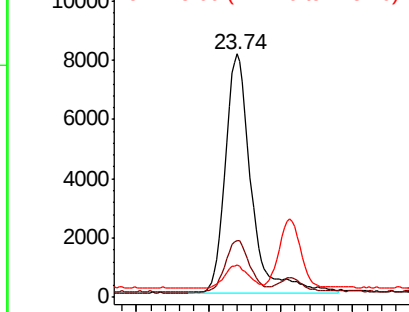


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.349 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

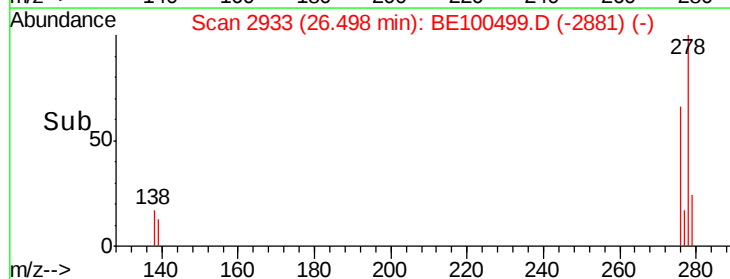
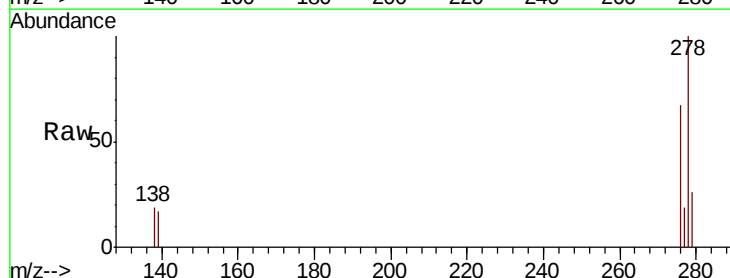
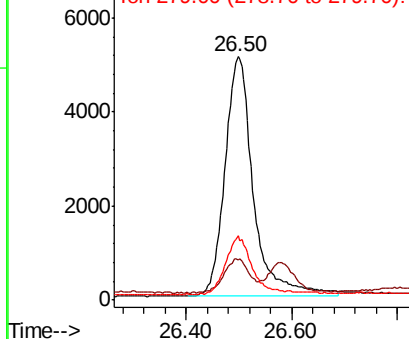
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.8	25.2
279	26.2	21.8	32.8

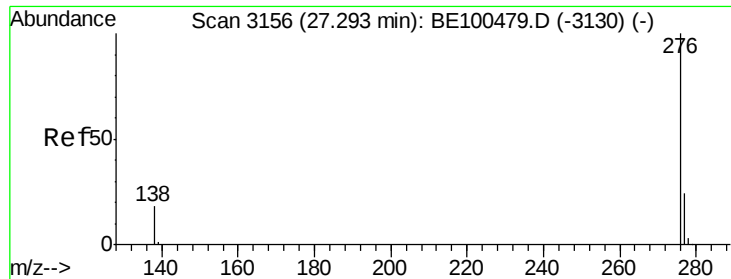
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.354 ng

RT: 27.27 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BE100499.D

Acq: 23 Jul 2019 13:39

Instrument :

BNA_E

ClientSampleId :

PB121558BSD

Tot Ion:	276	Resp:	19753
Ion Ratio	Lower	Upper	
276	100		
277	25.3	22.0	33.0
138	20.4	17.3	25.9

Manual Integrations
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