

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100979.D
 Acq On : 26 Dec 2019 20:01
 Operator : JU
 Sample : K6392-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Manual Integrations
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Quant Time: Dec 27 10:55:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2361	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11962	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7485	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	18559	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19585	0.40	ng	0.00
34) Perylene-d12	23.72	264	21734	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	817	0.20	ng	0.00
5) Phenol-d6	6.93	99	661m	0.28	ng	-0.06
8) Nitrobenzene-d5	8.90	82	2012	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	6678	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	591	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12502	0.47	ng	-0.02
25) Fluoranthene-d10	19.14	212	98054	0.44	ng	0.00
29) Terphenyl-d14	19.74	244	20390	0.45	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	21009	4.433	ng	# 66
9) Naphthalene	10.58	128	4206	0.033	ng	# 90
23) Phenanthrene	17.15	178	2783	0.058	ng	# 89
26) Fluoranthene	19.17	202	3247	0.050	ng	98
28) Pyrene	19.53	202	2594	0.038	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.21	149	167675	1.740	ng	100

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

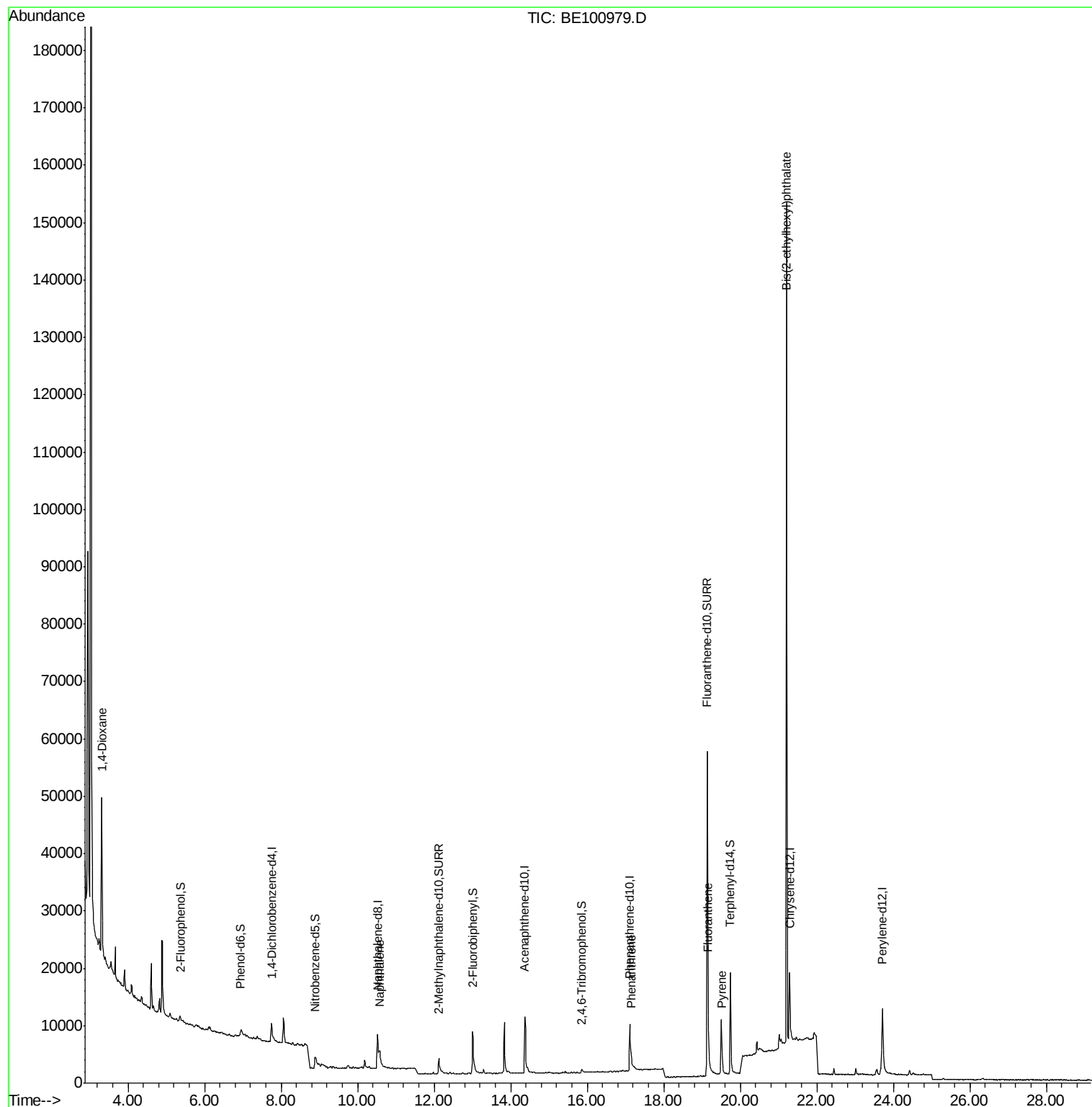
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100979.D
Acq On : 26 Dec 2019 20:01
Operator : JU
Sample : K6392-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

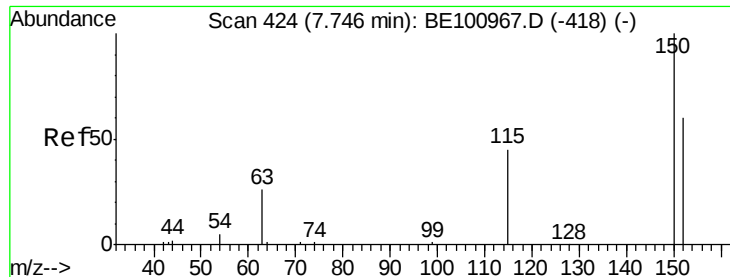
Instrument :
BNA_E
ClientSampleId :
MW-1

Quant Time: Dec 27 10:55:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

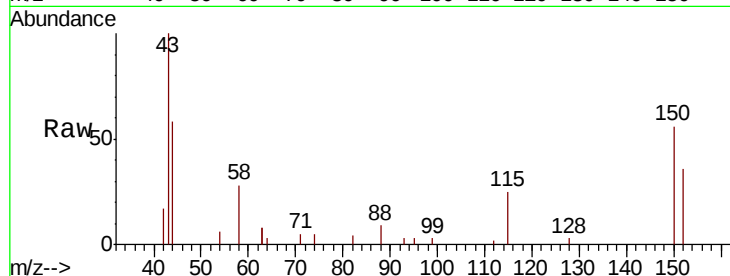
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	132.6	199.0
115	70.0	64.1	96.1

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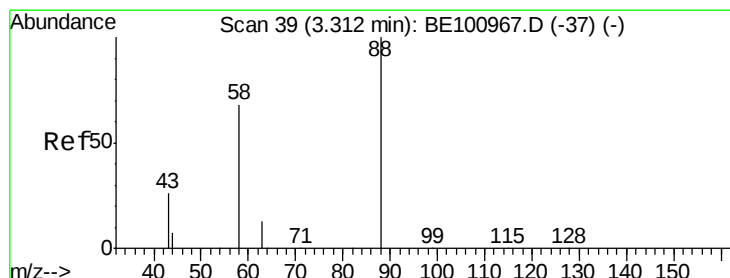
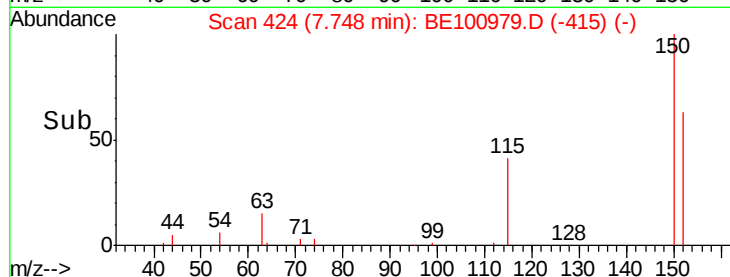
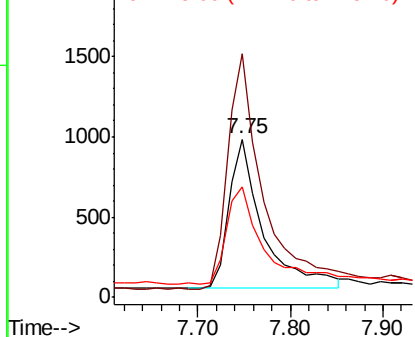


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

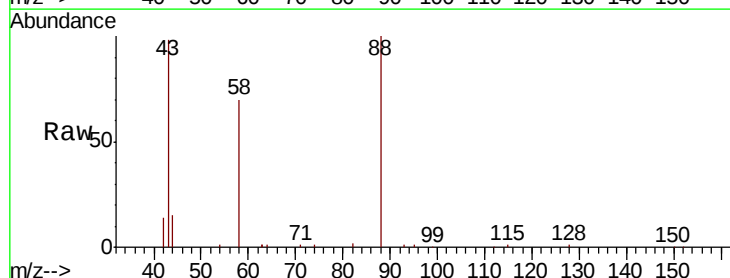
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.433 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	44.2	66.4#
43	45.3	21.0	31.6#

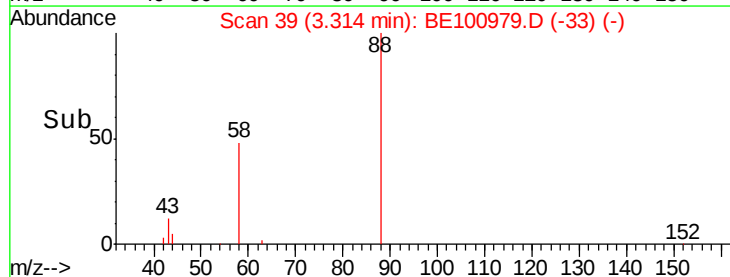
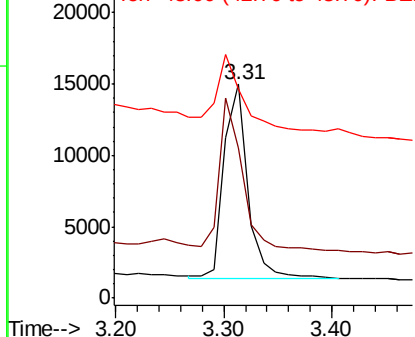


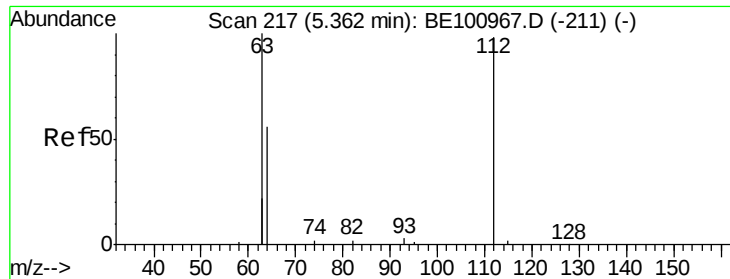
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.205 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

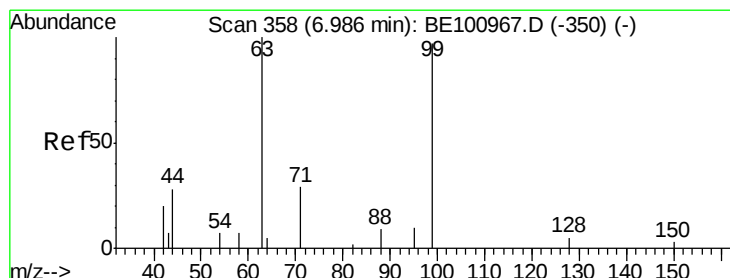
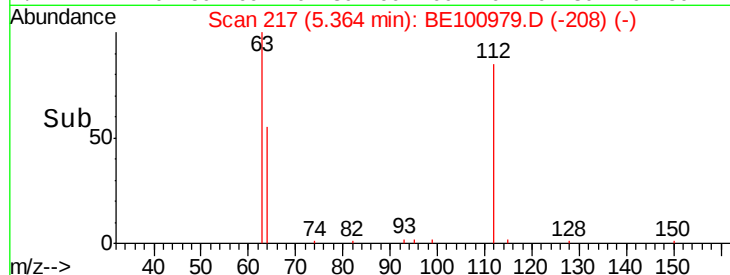
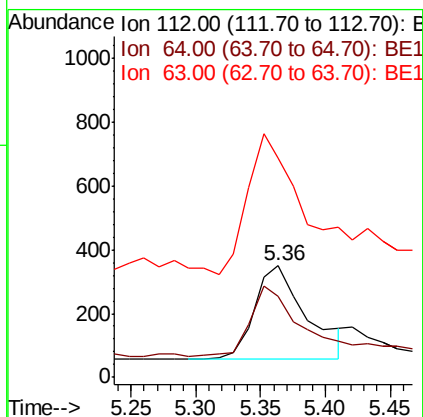
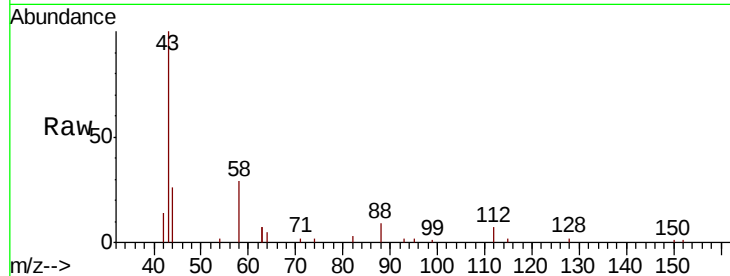
ClientSampleId :

MW-1

Tot Ion:	112	Resp:	817
Ion	Ratio	Lower	Upper
112	100		
64	75.2	59.0	88.6
63	165.6	121.4	182.0

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#5

Phenol-d6

Concen: 0.280 ng m

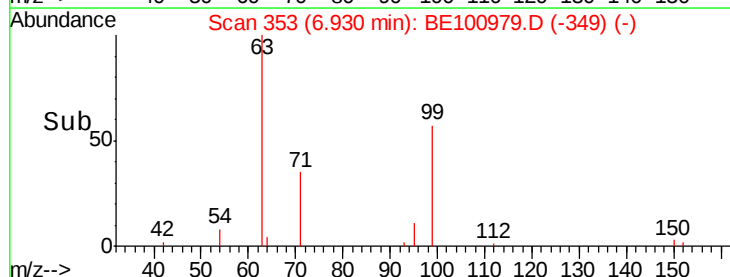
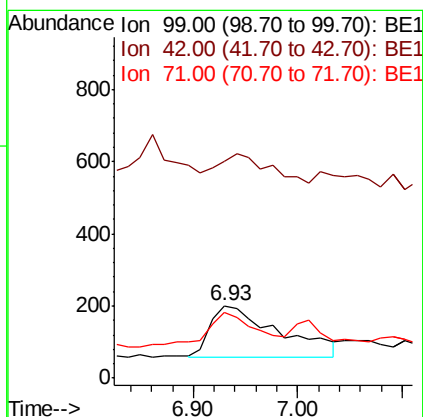
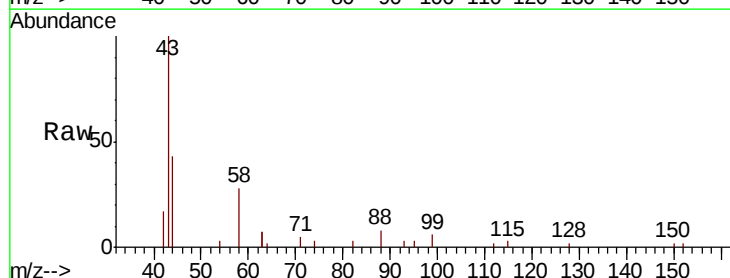
RT: 6.93 min Scan# 353

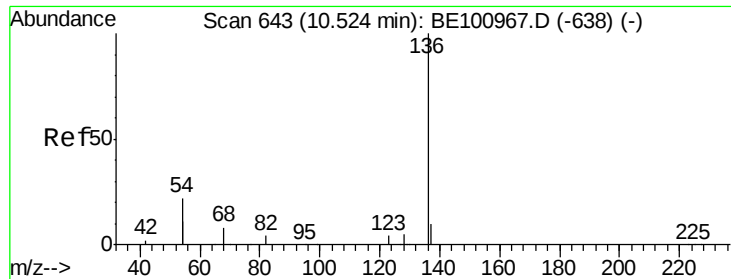
Delta R.T. -0.06 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Tgt Ion:	99	Resp:	661
Ion	Ratio	Lower	Upper
99	100		
42	39.0	0.0	0.0#
71	31.0	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

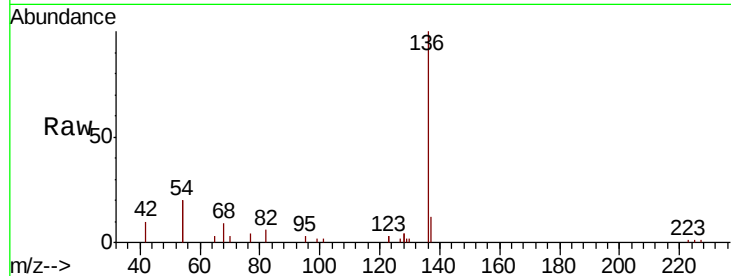
ClientSampleId :

MW-1

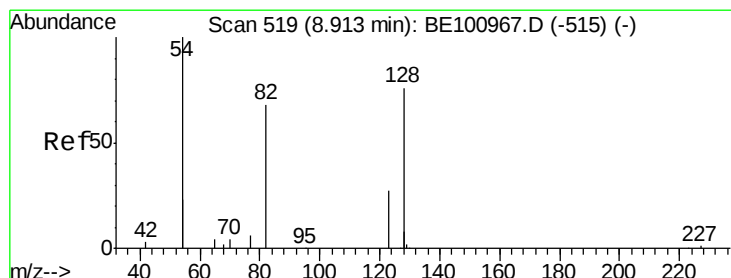
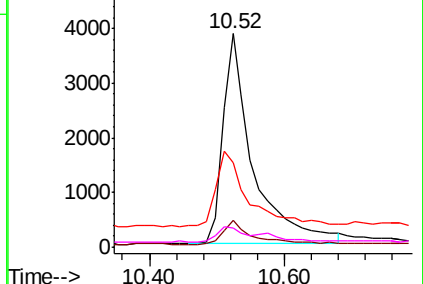
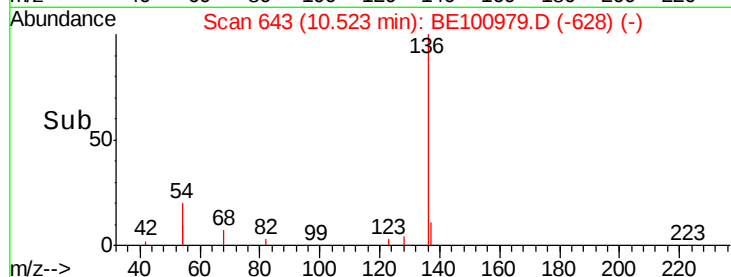
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	39.8	34.4	51.6
68	9.1	7.8	11.6

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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: 0.435 ng

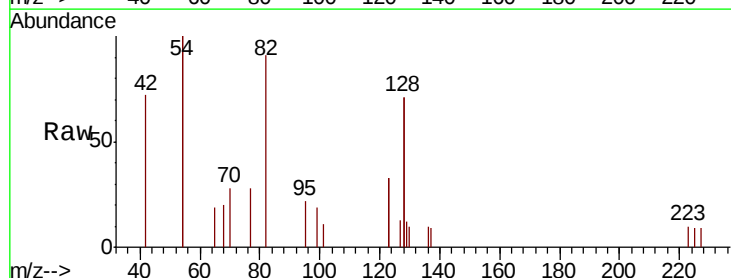
RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

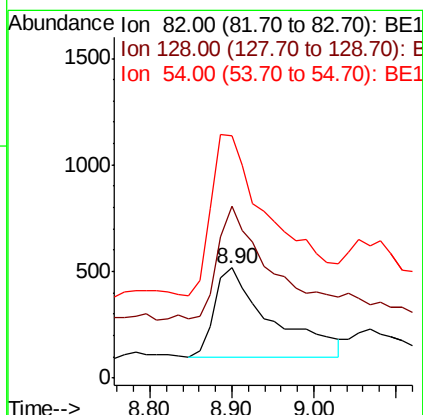
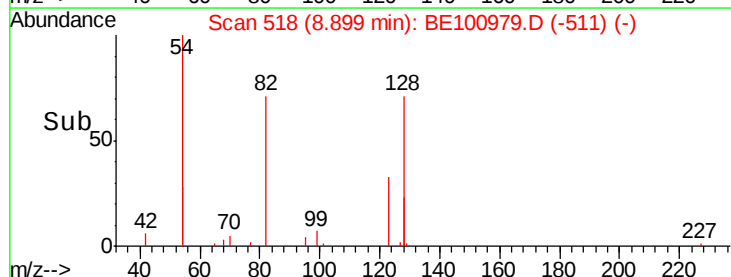
Lab File: BE100979.D

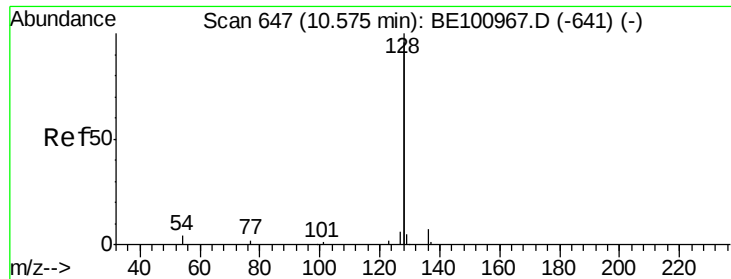
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	155.5	140.2	210.2
54	220.1	183.8	275.6



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: 0.033 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

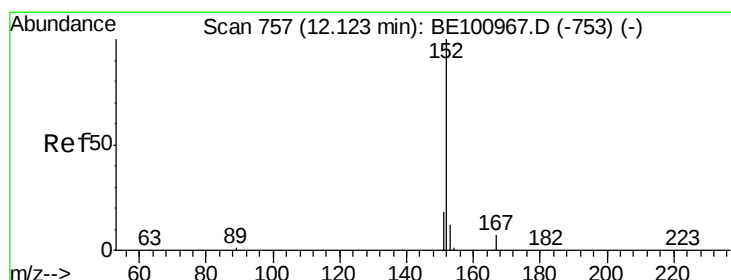
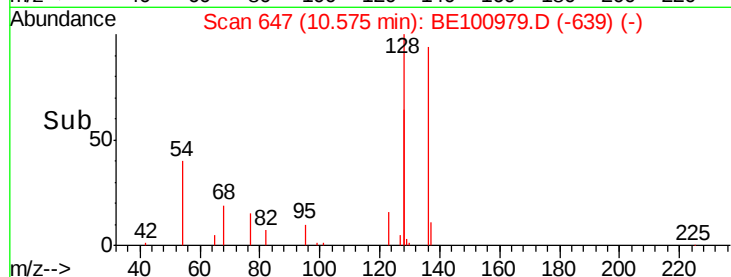
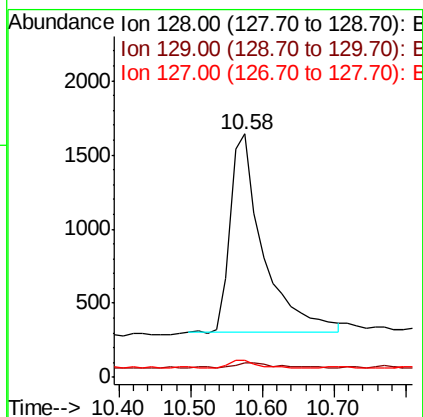
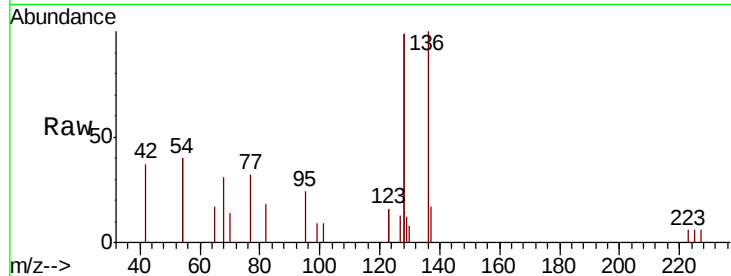
ClientSampleId :

MW-1

Tot Ion:	128	Resp:	4206
Ion Ratio	Lower	Upper	
128	100		
129	6.2	2.6	3.8#
127	6.8	2.8	4.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

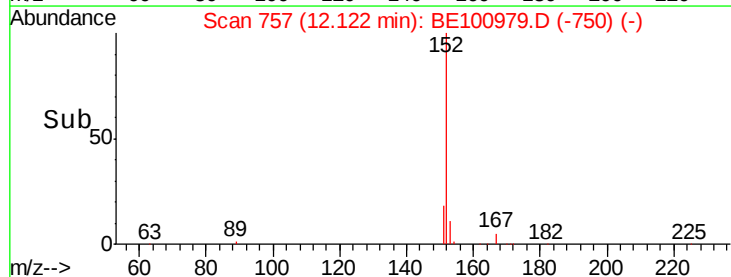
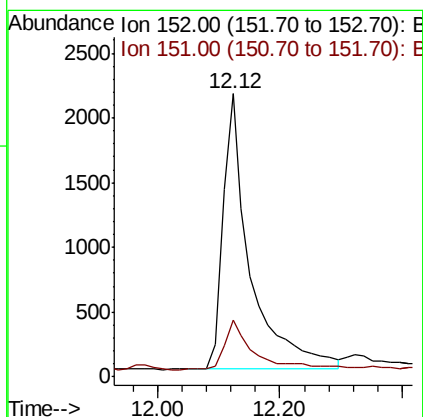
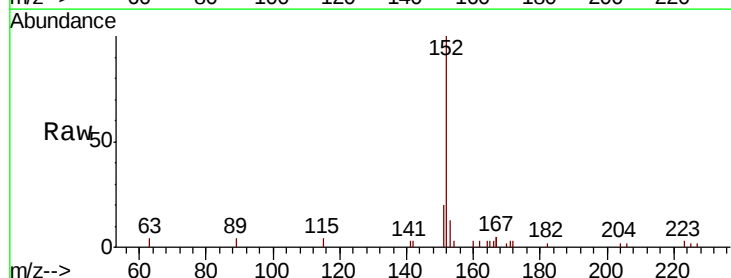
RT: 12.12 min Scan# 757

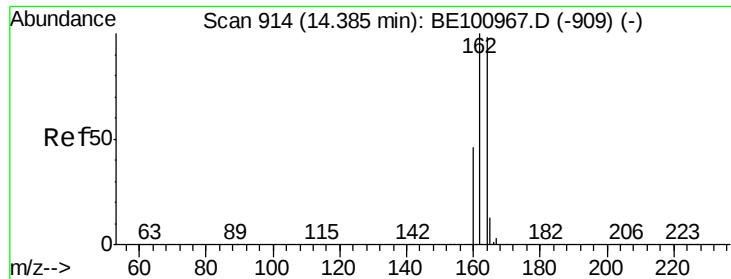
Delta R.T. -0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Tgt Ion:	152	Resp:	6678
Ion Ratio	Lower	Upper	
152	100		
151	18.2	15.1	22.7





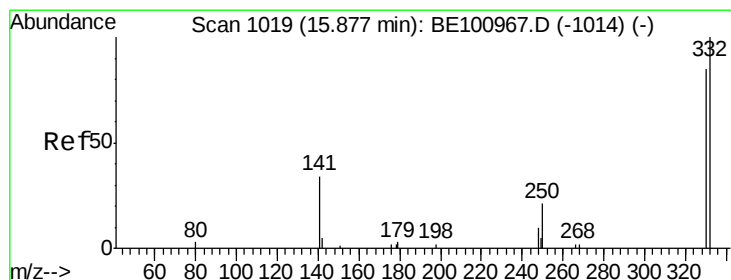
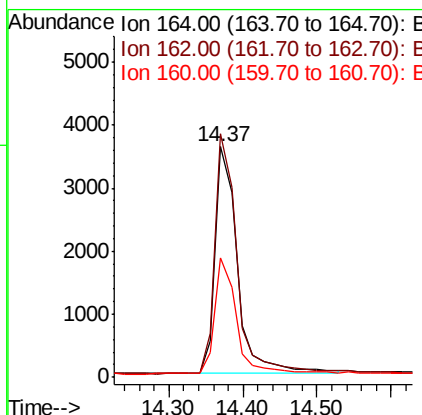
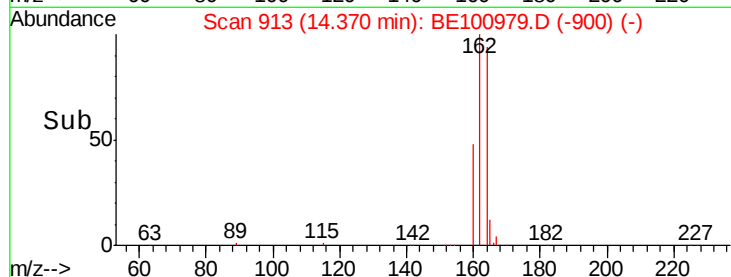
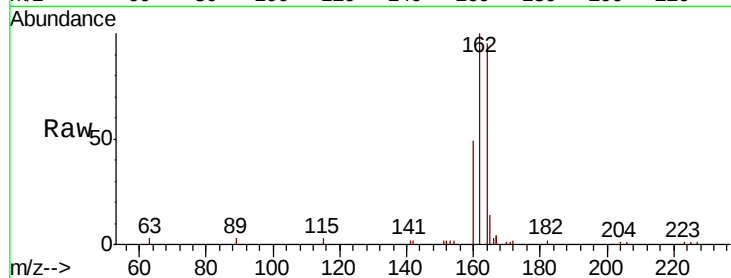
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.02 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	52.0	37.7	56.5

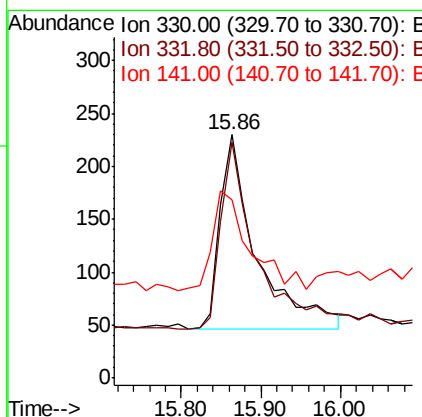
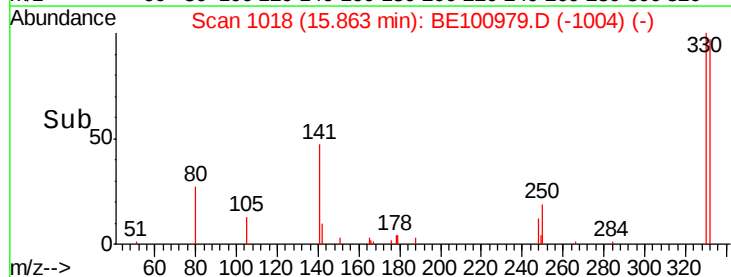
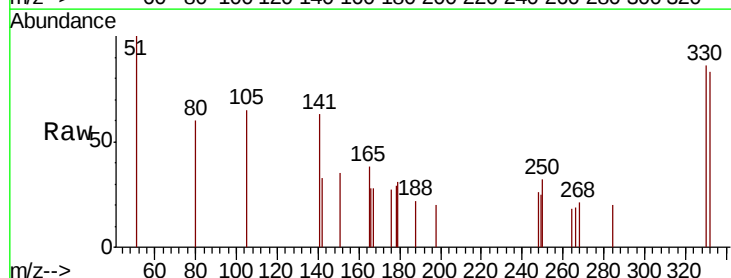
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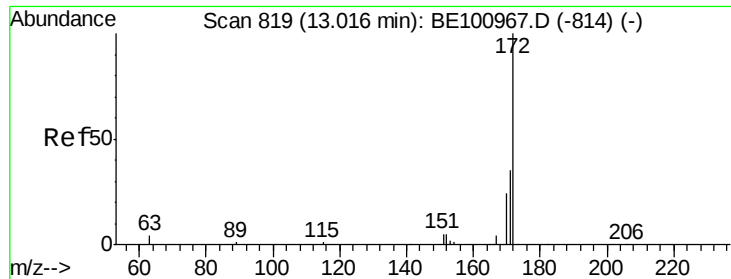
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#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	72.4	108.6
141	51.6	25.4	38.2#





#15

2-Fluorobiphenyl

Concen: 0.470 ng

RT: 13.00 min Scan# 818

Delta R.T. -0.02 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

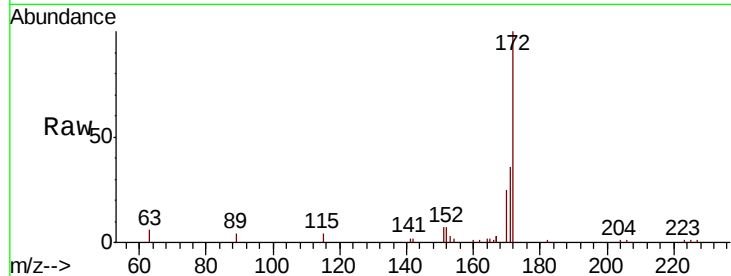
ClientSampled :

MW-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.2	20.0	30.0

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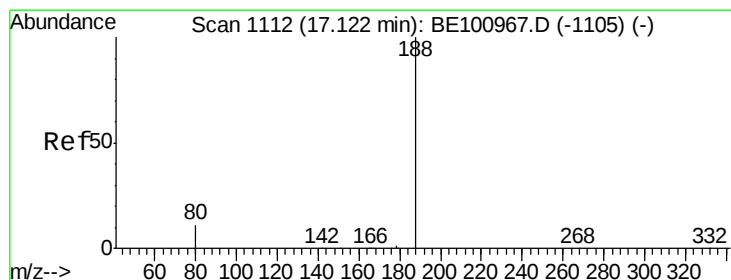
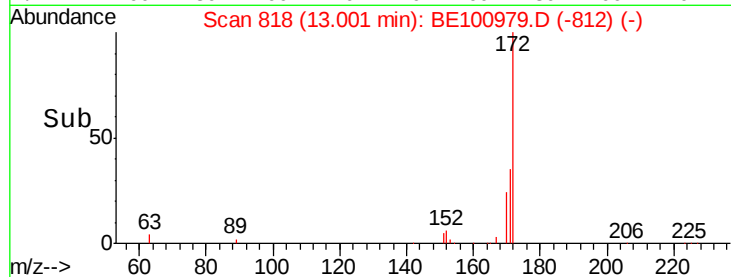
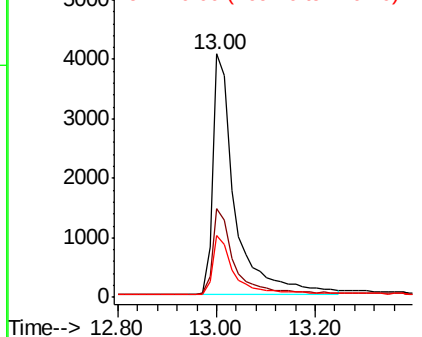


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

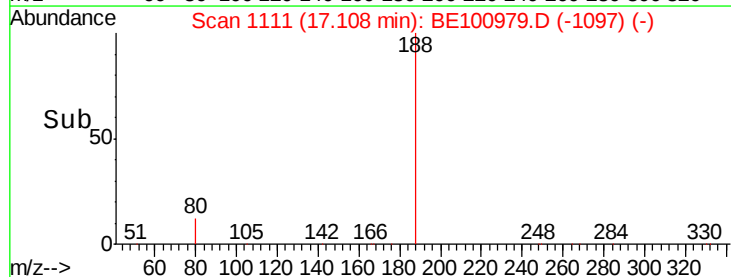
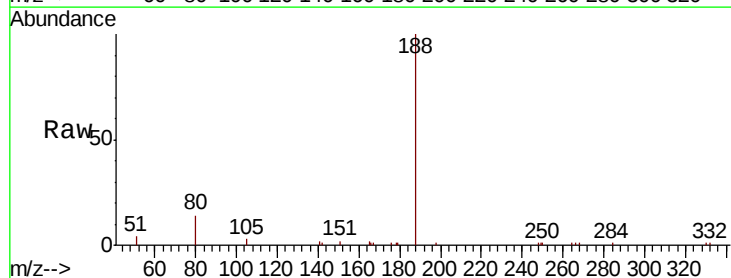
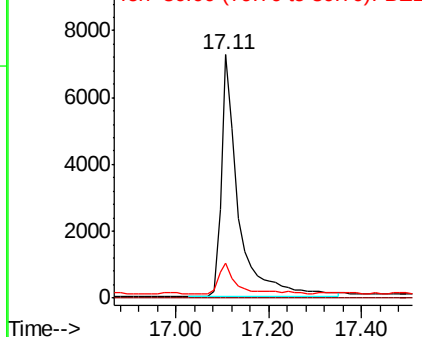
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	9.7	14.5

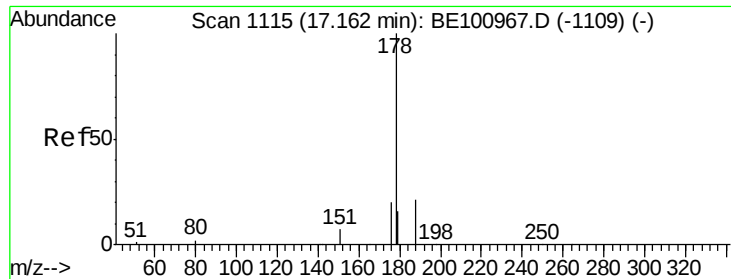
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





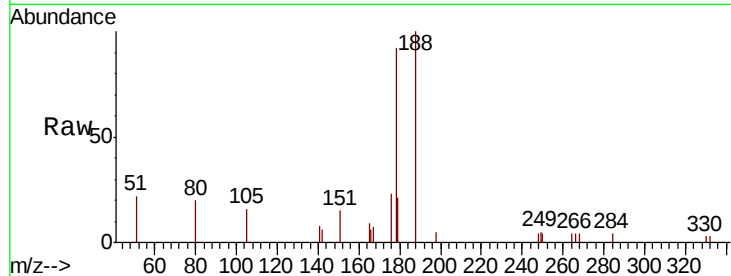
#23
Phenanthrene
Concen: 0.058 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampleId :
MW-1

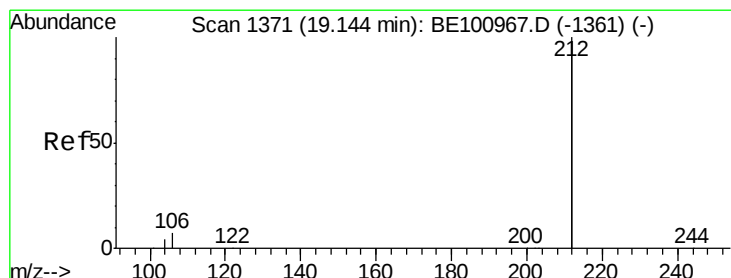
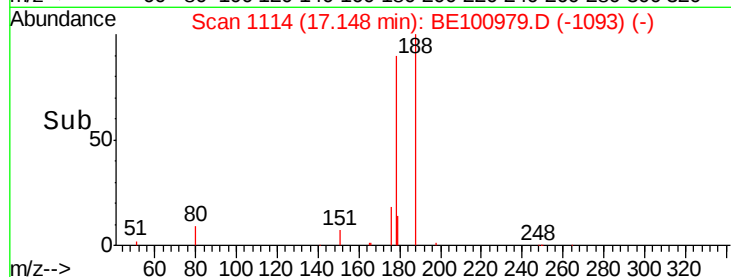
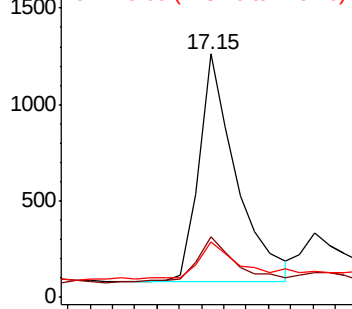
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	24.6	12.6	18.8#

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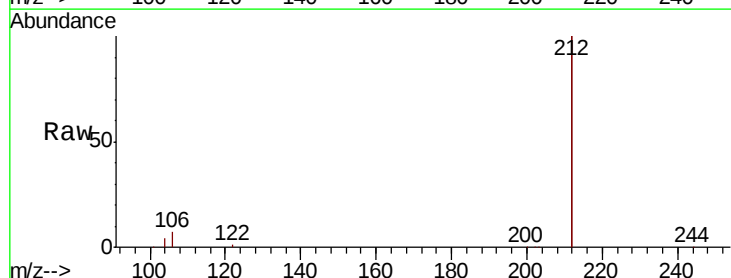


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

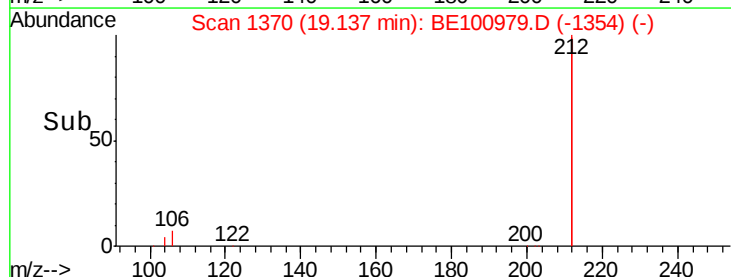
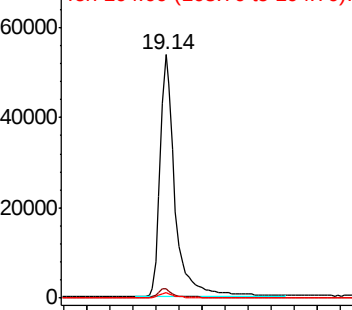


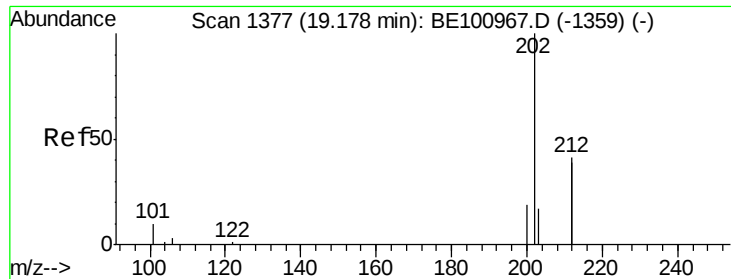
#25
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.4	3.6
104	1.9	1.4	2.0



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





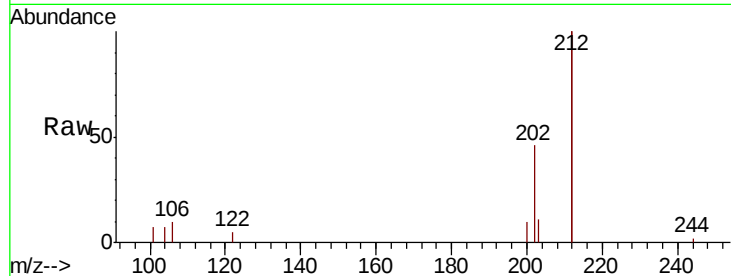
#26
Fluoranthene
Concen: 0.050 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.0	13.4
203	16.8	13.2	19.8

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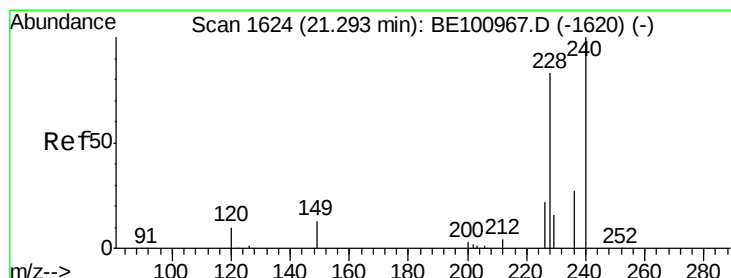
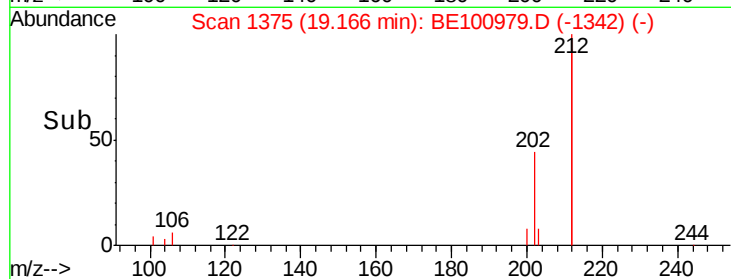
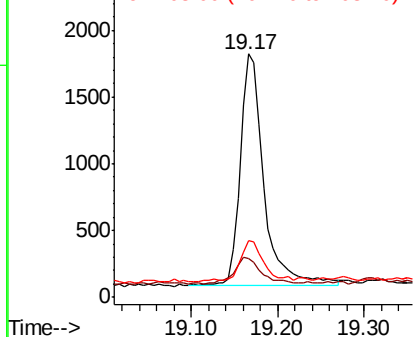


Abundance

Ion 202.00 (201.70 to 202.70): E

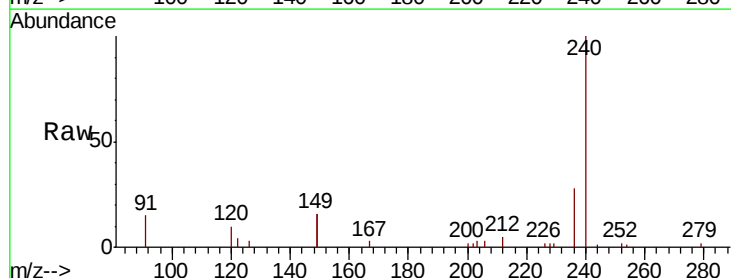
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.2	15.4#
236	27.6	22.6	34.0

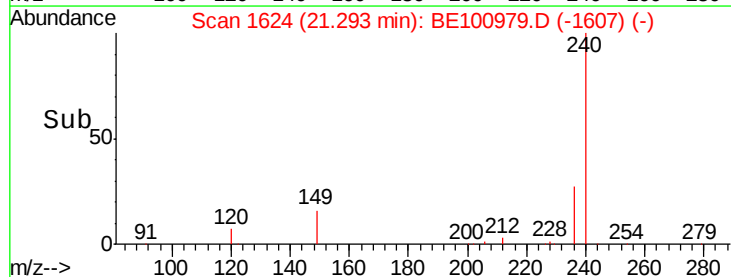
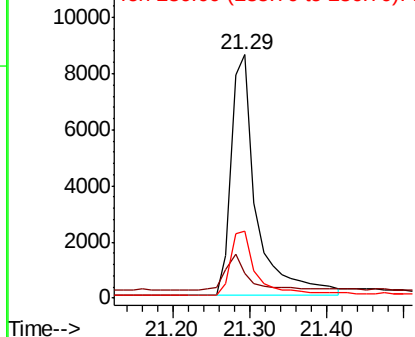


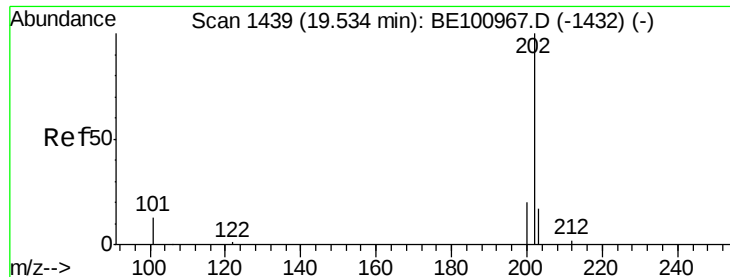
Abundance

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





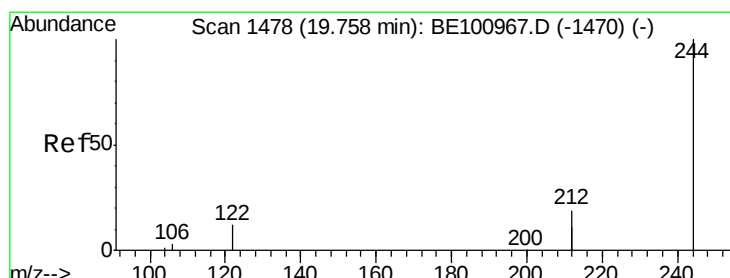
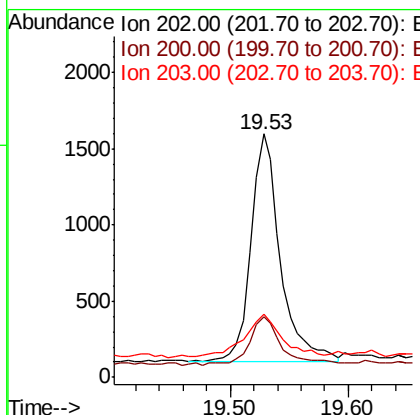
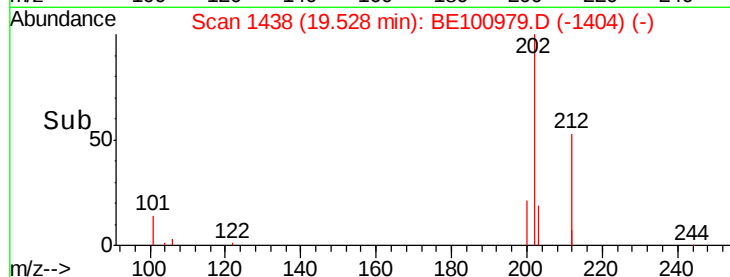
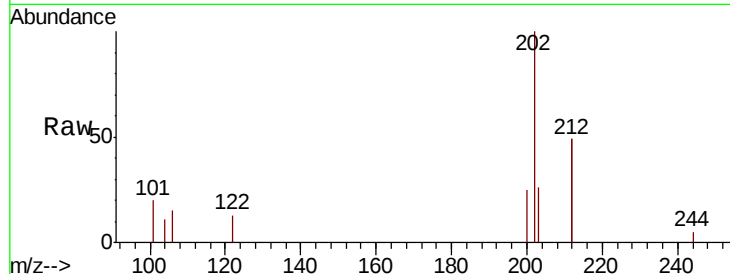
#28
Pvrene
Concen: 0.038 ng
RT: 19.53 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.6	25.0
203	23.7	13.8	20.6

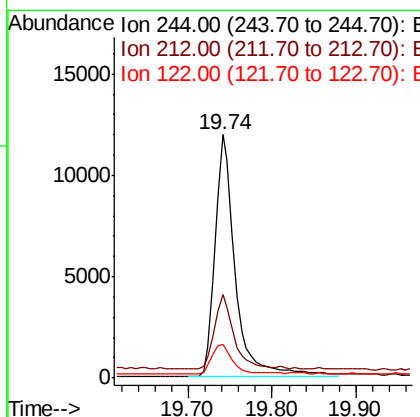
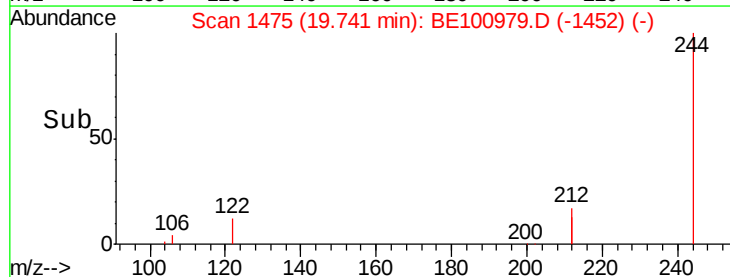
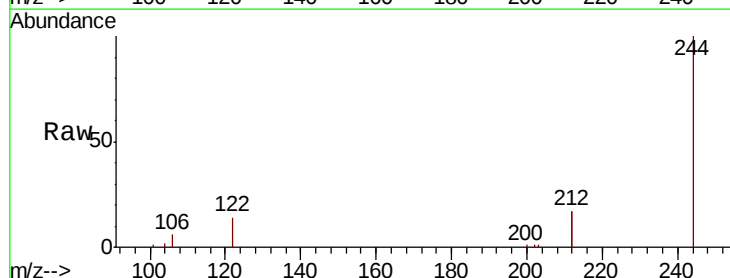
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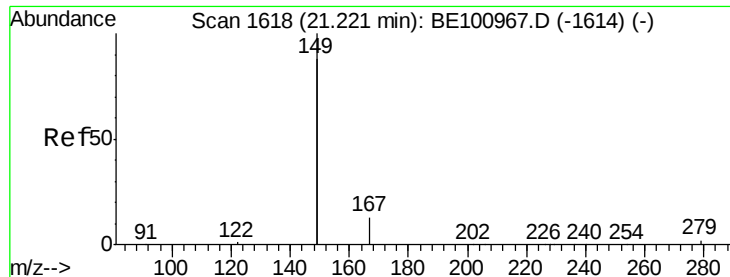
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#29
Terphenyl-d14
Concen: 0.453 ng
RT: 19.74 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.6	29.3	43.9
122	13.7	10.2	15.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.740 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

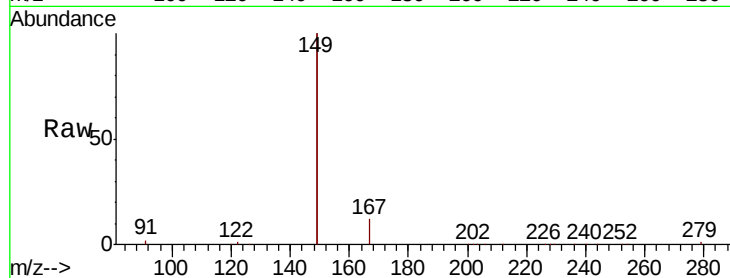
ClientSampleId :

MW-1

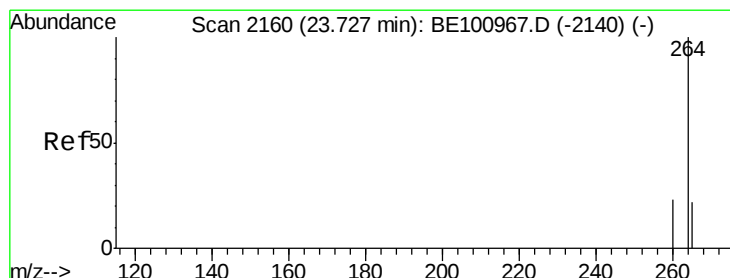
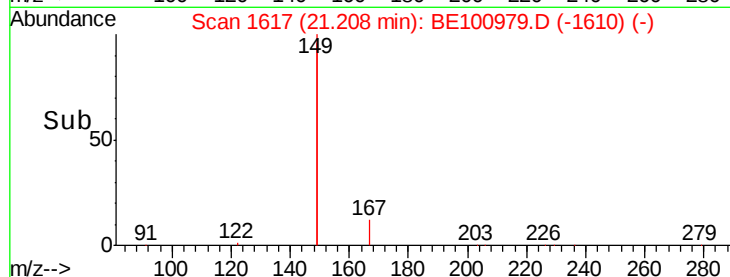
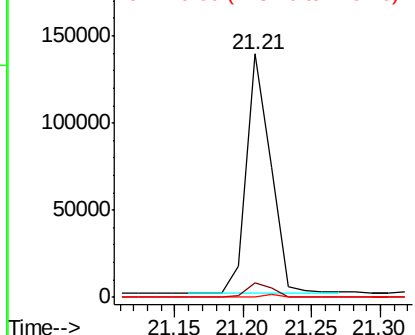
Tot Ion:	149	Resp:	167675
Ion Ratio	Lower	Upper	
149	100		
167	6.5	5.1	7.7
279	0.9	0.6	1.0

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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



#34

Perylene-d12

Concen: 0.400 ng

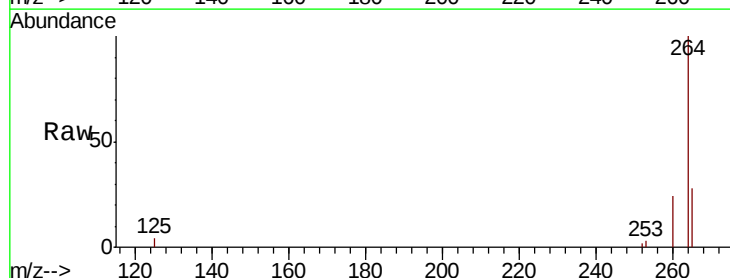
RT: 23.72 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Tgt Ion:	264	Resp:	21734
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.1	28.7
265	27.9	26.6	40.0



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

