

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100898.D
 Acq On : 13 Dec 2019 22:52
 Operator : JU
 Sample : K6251-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:08:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

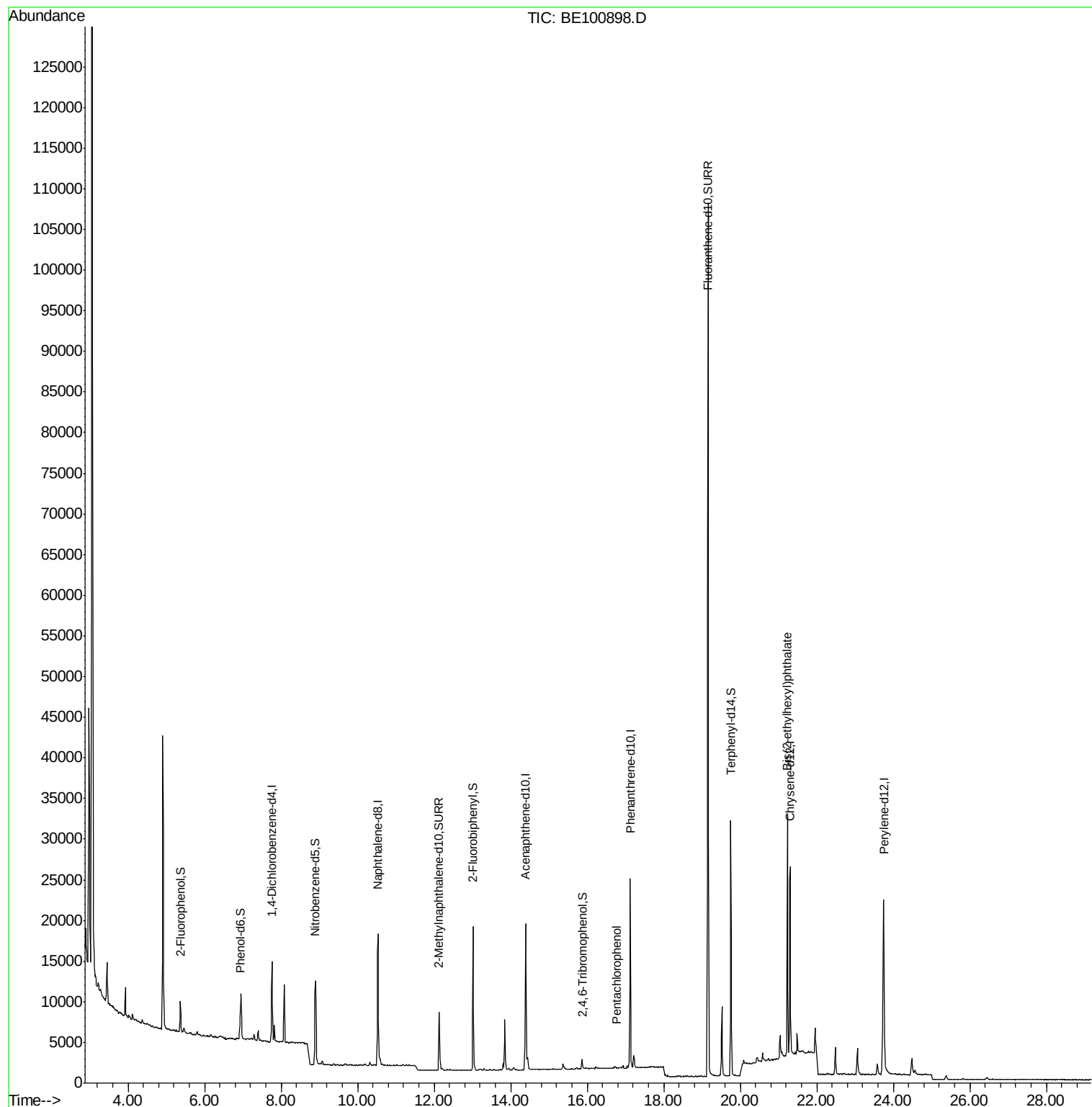
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4383	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19657	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11384	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29579	0.40	ng	0.00
27) Chrysene-d12	21.31	240	27328	0.40	ng	0.00
34) Perylene-d12	23.75	264	32082	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1850	0.18	ng	-0.01
5) Phenol-d6	6.93	99	1820	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	4512	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11234	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	730	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	15899	0.35	ng	0.00
25) Fluoranthene-d10	19.16	212	136091	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	26655	0.41	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.77	266	42	0.039	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.23	149	31778	0.559	ng	100

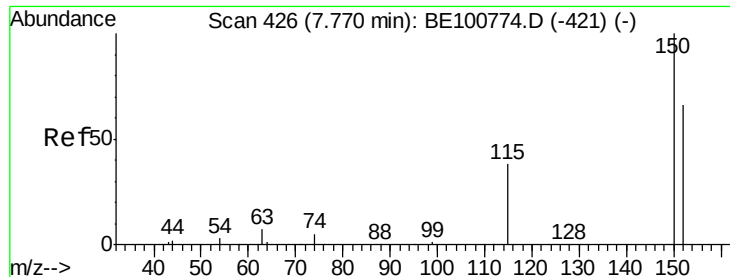
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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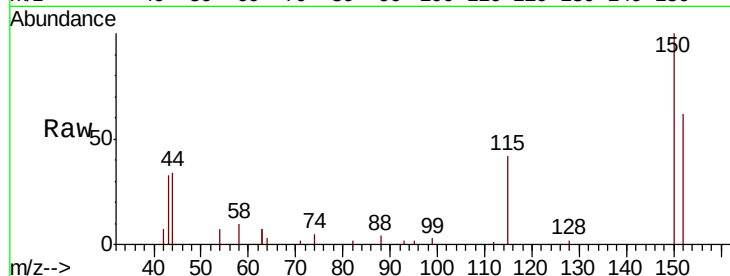


#1

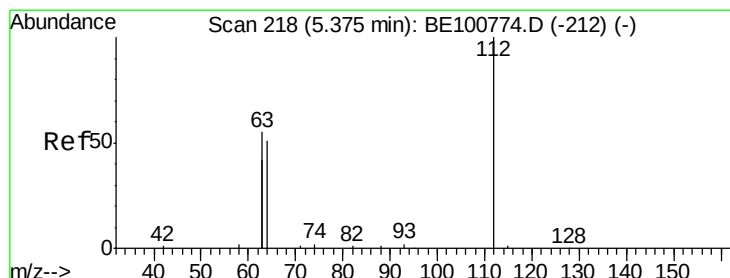
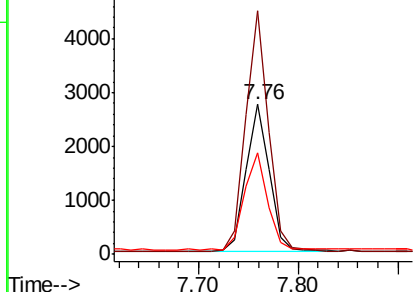
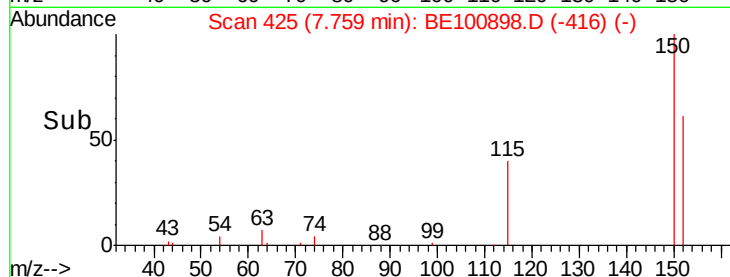
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4383
Ion Ratio Lower Upper
152 100
150 162.2 125.5 188.3
115 67.3 55.7 83.5



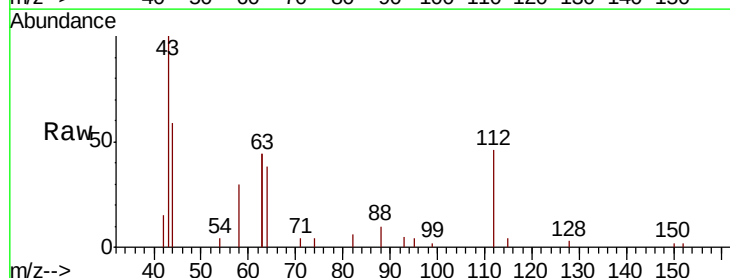
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



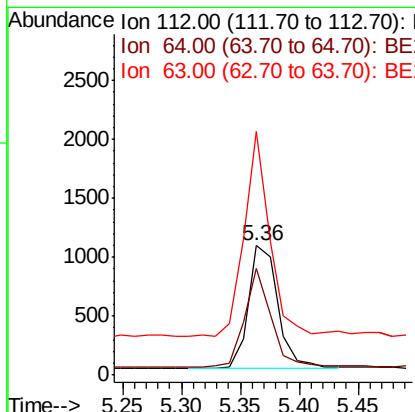
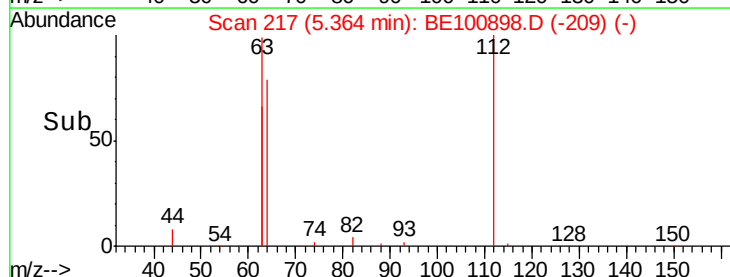
#4

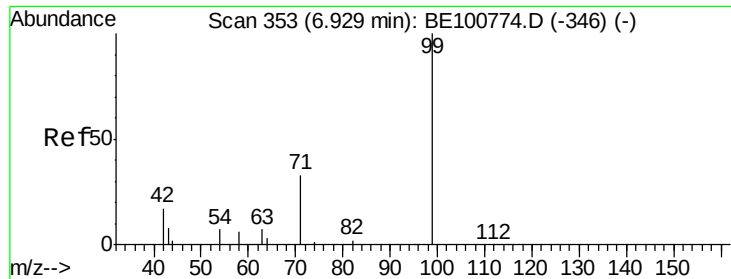
2-Fluorophenol
Concen: 0.178 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Tgt Ion:112 Resp: 1850
Ion Ratio Lower Upper
112 100
64 70.0 54.5 81.7
63 141.4 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.116 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100898.D

Acq: 13 Dec 2019 22:52

Instrument :

BNA_E

ClientSampled :

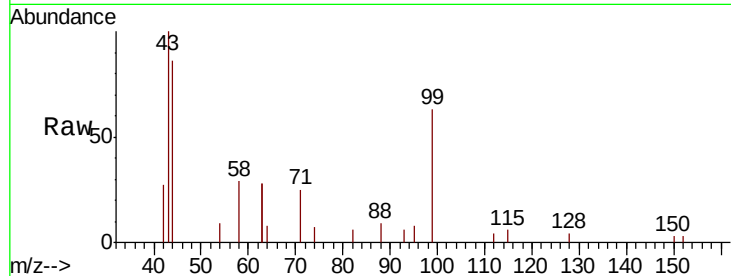
Tot Ion: 99 Resp: 1820

Ion Ratio Lower Upper

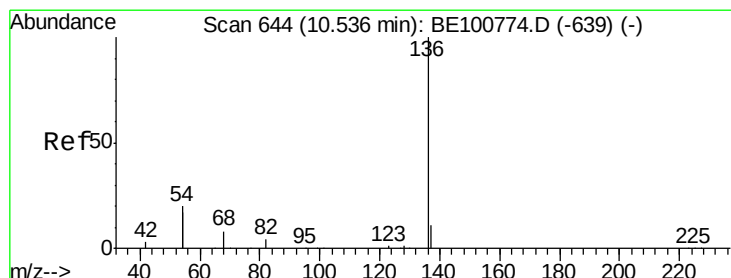
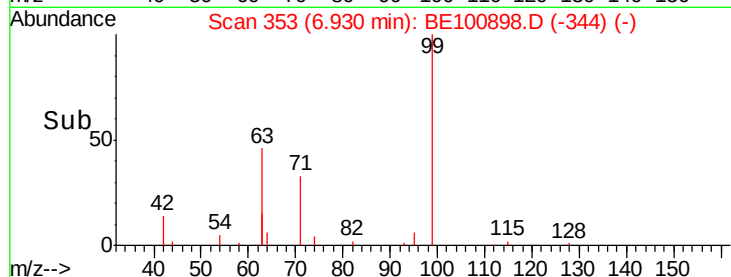
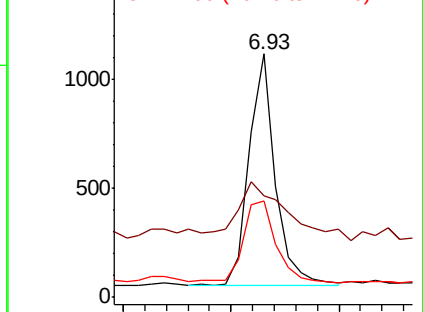
99 100

42 47.6 18.2 27.2#

71 44.1 29.1 43.7#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100898.D

Acq: 13 Dec 2019 22:52

Tgt Ion: 136 Resp: 19657

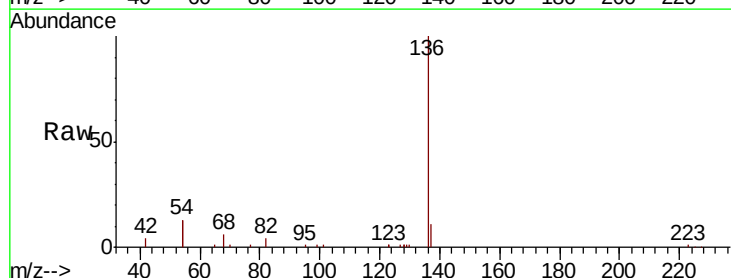
Ion Ratio Lower Upper

136 100

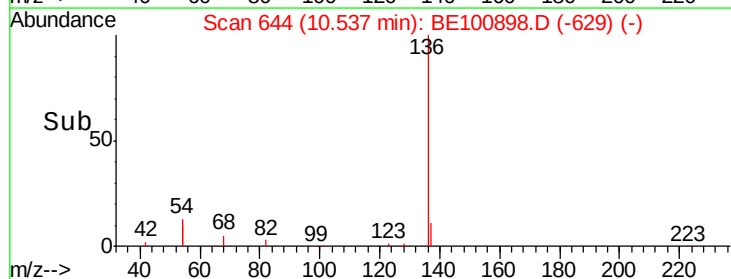
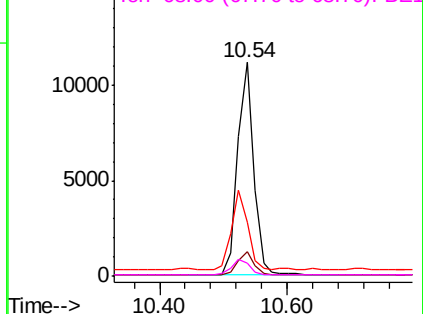
137 11.2 9.1 13.7

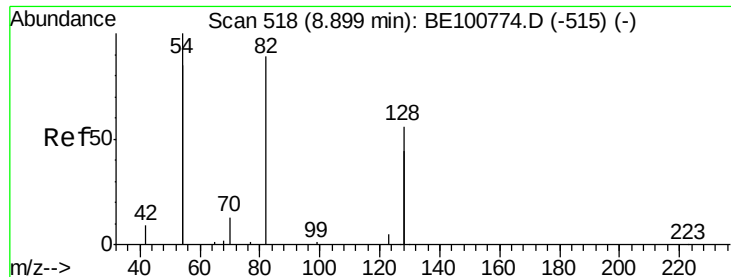
54 25.2 18.9 28.3

68 5.8 4.6 6.8



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

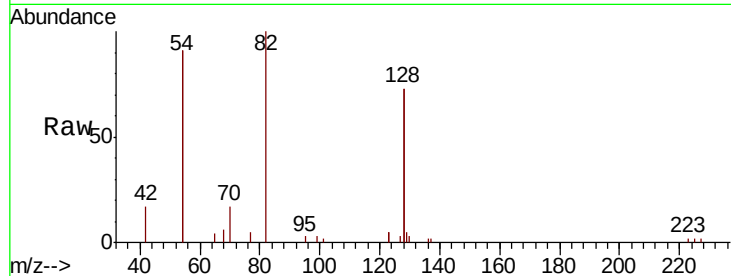




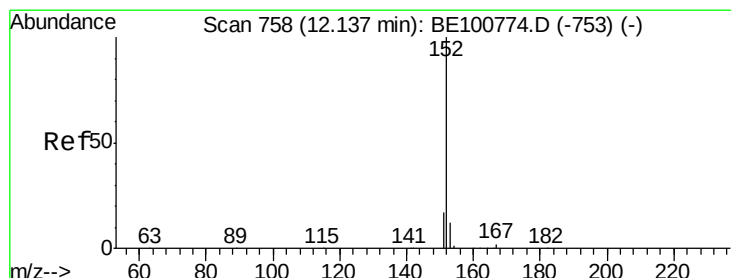
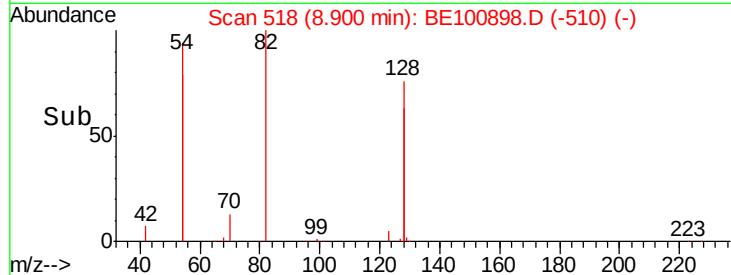
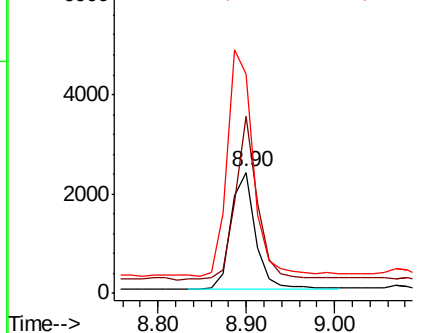
#8
 Nitrobenzene-d5
 Concen: 0.482 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	146.7	113.5	170.3
54	181.8	138.9	208.3

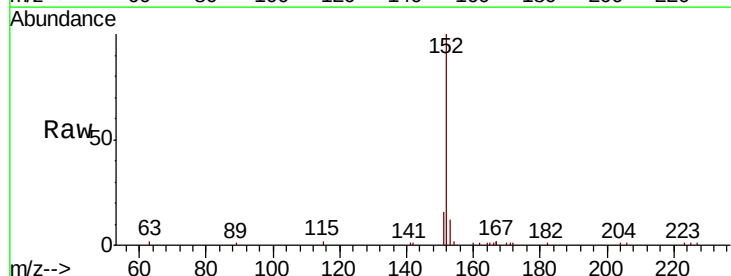


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

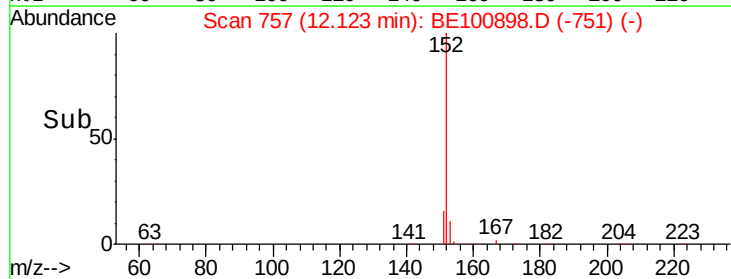
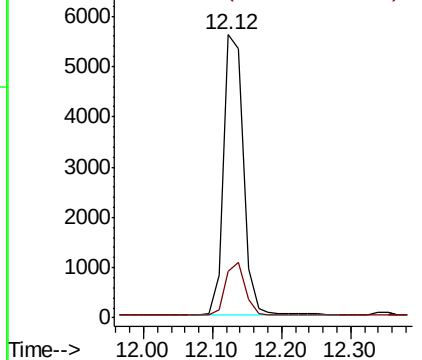


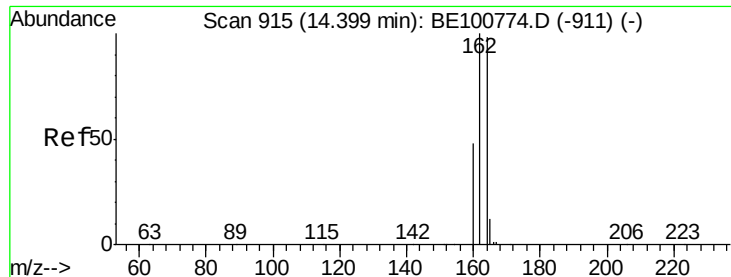
#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.1	22.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

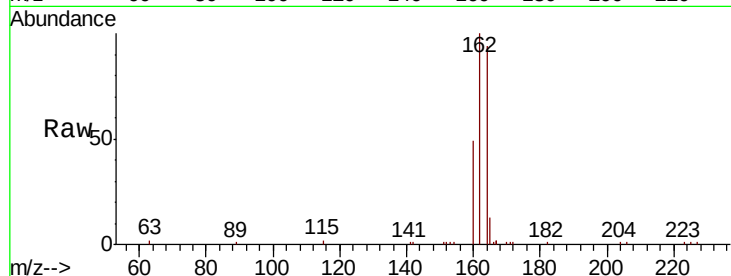




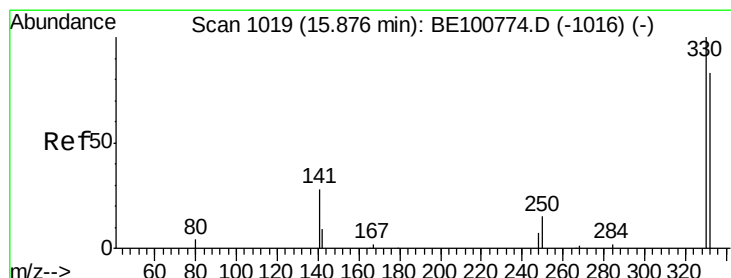
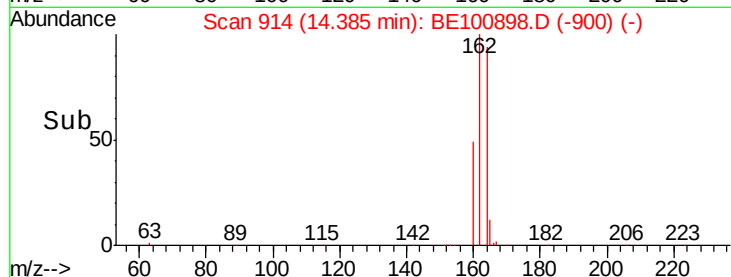
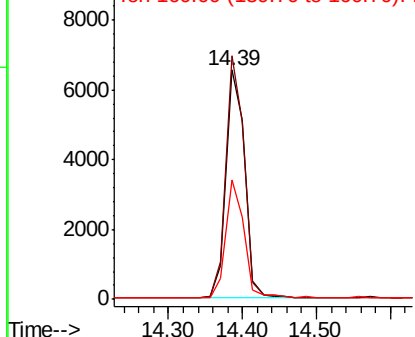
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 11384
Ion Ratio Lower Upper
164 100
162 106.2 86.0 129.0
160 52.0 42.3 63.5

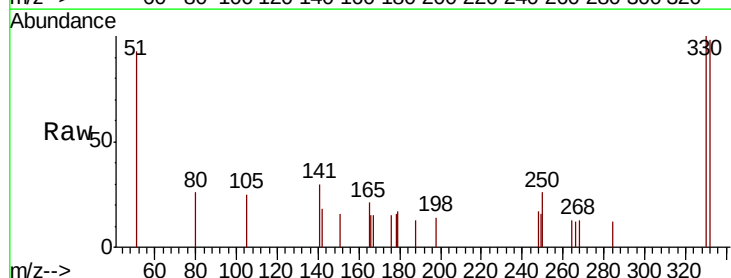


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

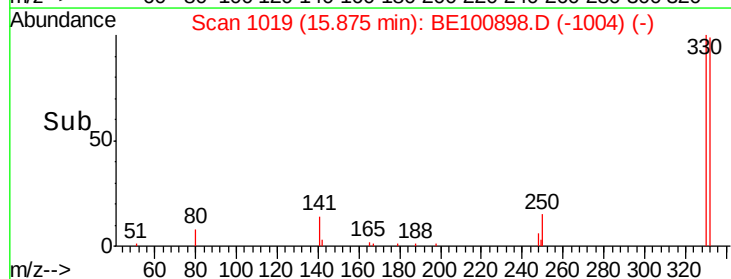
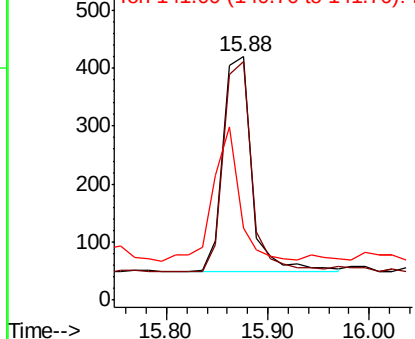


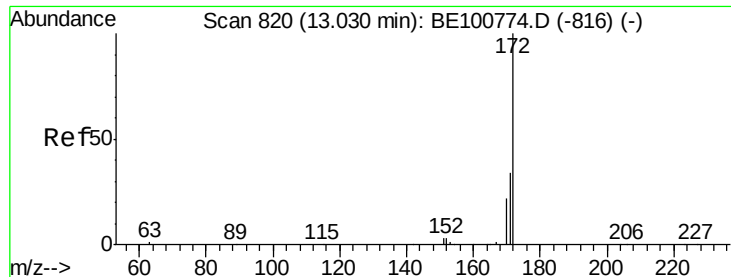
#14
2,4,6-Tribromophenol
Concen: 0.577 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Tgt Ion:330 Resp: 730
Ion Ratio Lower Upper
330 100
332 96.8 74.1 111.1
141 57.3 46.7 70.1



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

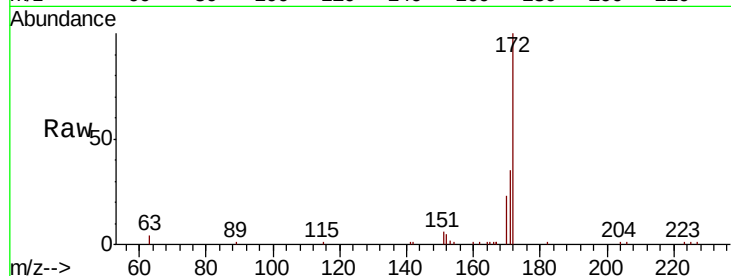




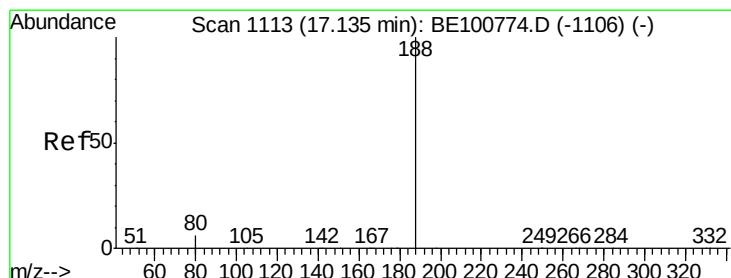
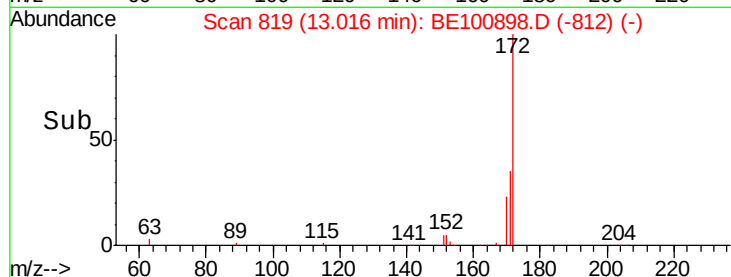
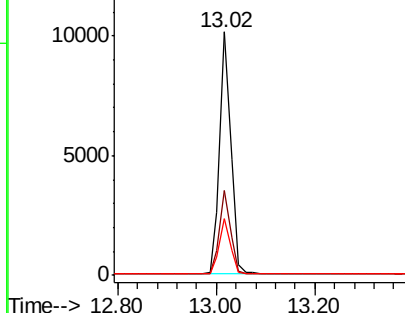
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 15899
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 19.4 29.0

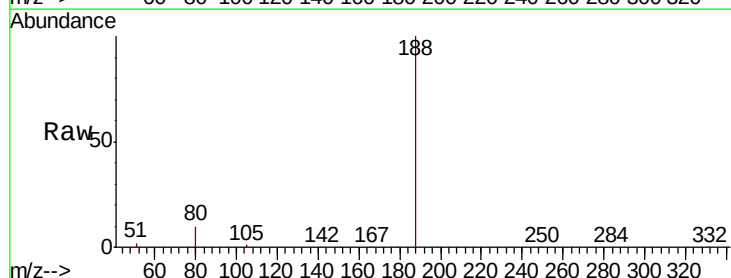


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

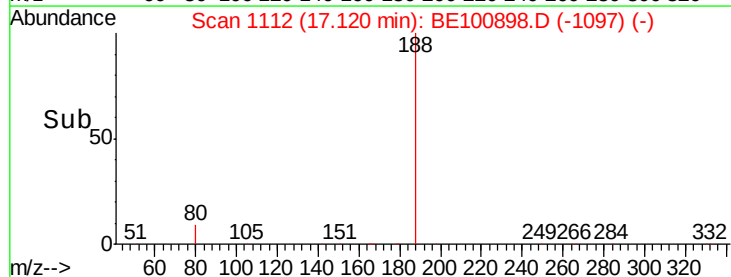
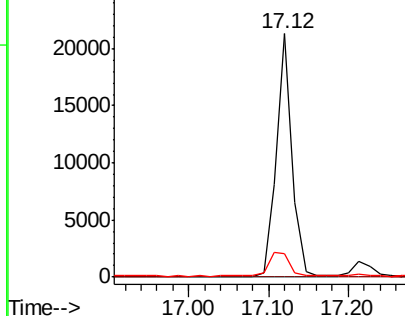


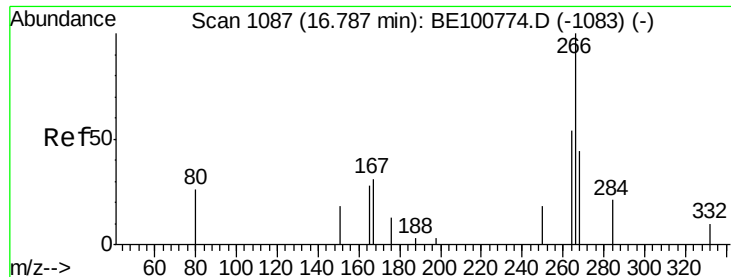
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100898.D
Acq: 13 Dec 2019 22:52

Tgt Ion:188 Resp: 29579
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.9 11.9



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

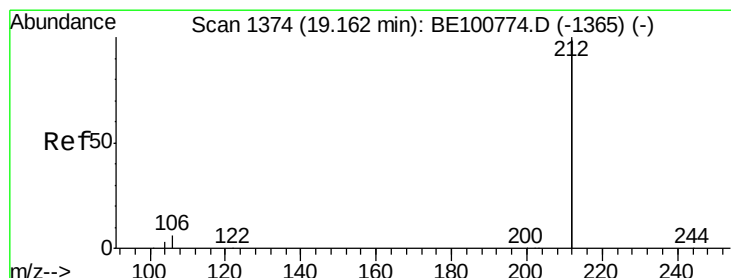
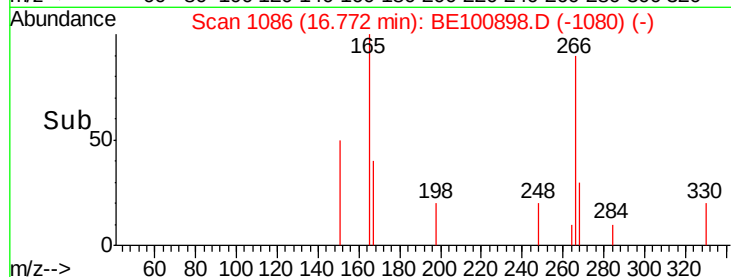
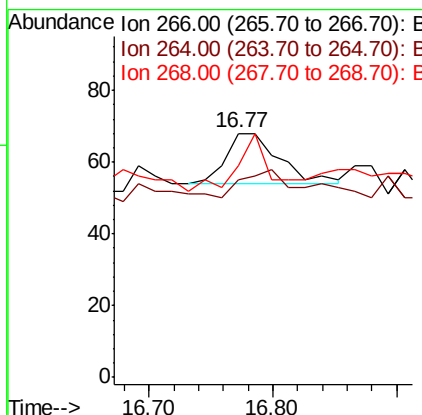
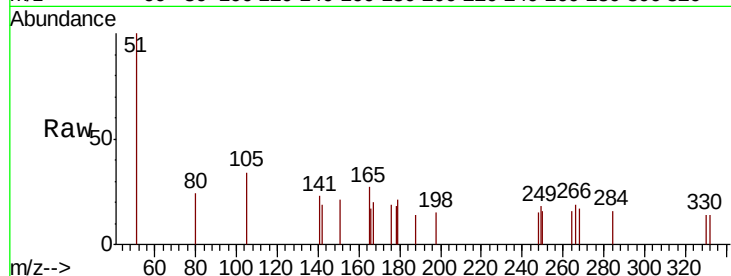




#22
 Pentachlorophenol
 Concen: 0.039 ng
 RT: 16.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

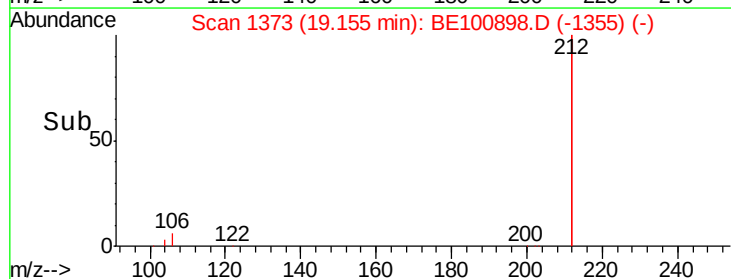
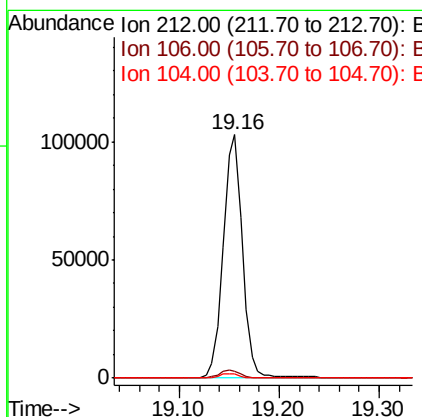
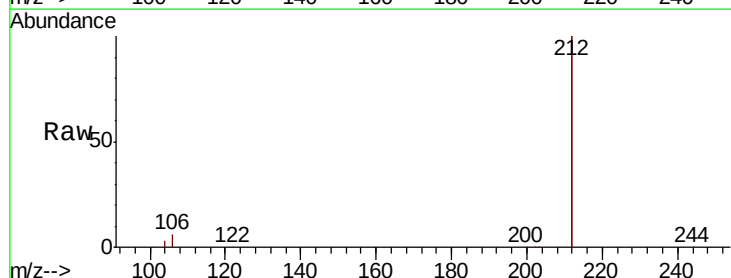
Instrument :
 BNA_E
 ClientSampled :

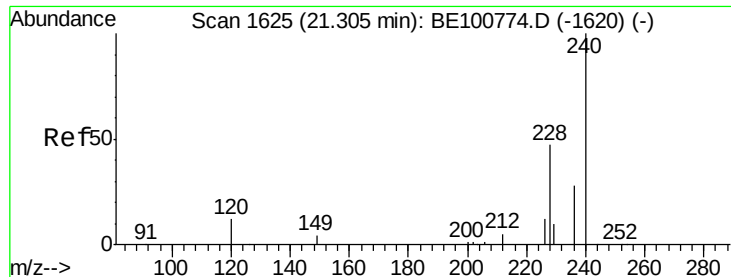
Tot Ion:266 Resp: 42
 Ion Ratio Lower Upper
 266 100
 264 80.9 55.1 82.7
 268 86.8 50.7 76.1#



#25
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 19.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

Tgt Ion:212 Resp: 136091
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

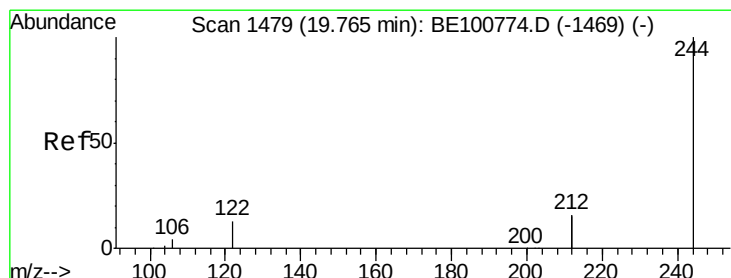
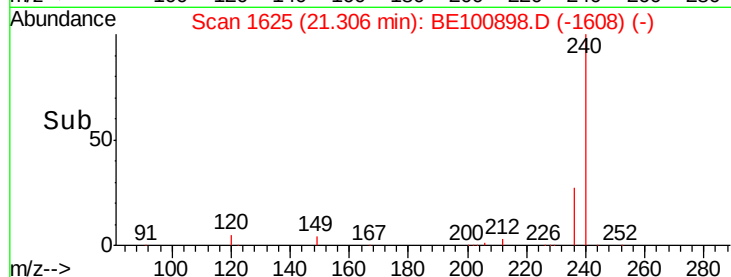
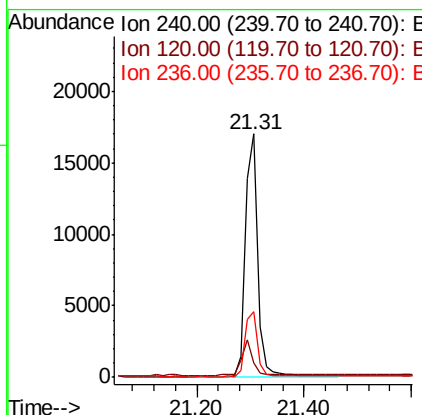
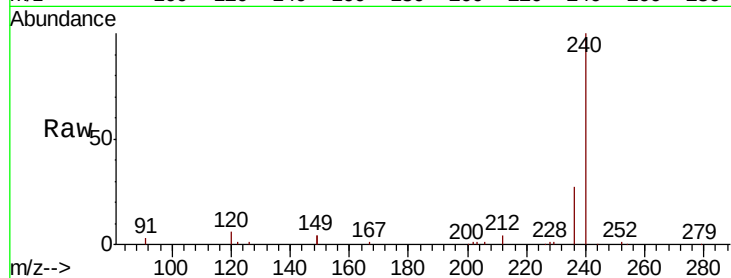




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

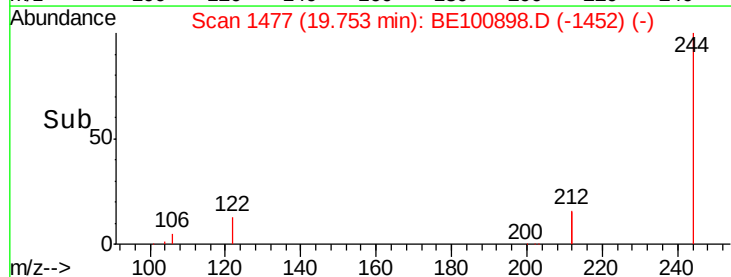
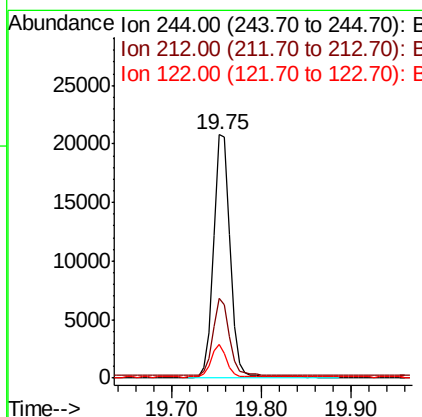
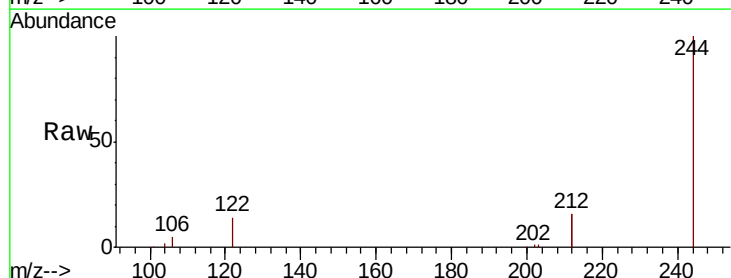
Instrument :
 BNA_E
 ClientSampleId :

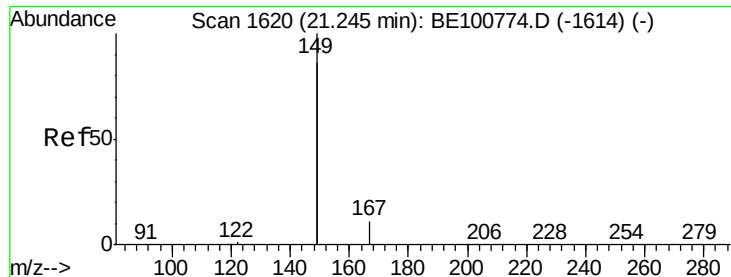
Tot Ion:240 Resp: 27328
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.0 6.0
 236 27.2 21.6 32.4



#29
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.75 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BE100898.D
 Acq: 13 Dec 2019 22:52

Tgt Ion:244 Resp: 26655
 Ion Ratio Lower Upper
 244 100
 212 32.7 25.2 37.8
 122 13.9 8.9 13.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.559 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100898.D

Acq: 13 Dec 2019 22:52

Instrument :

BNA_E

ClientSampleId :

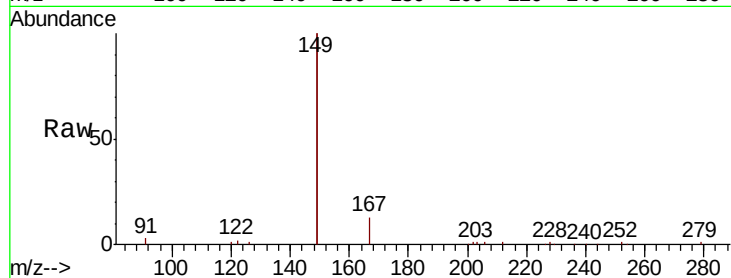
Tot Ion:149 Resp: 31778

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.4

279 0.8 0.6 1.0

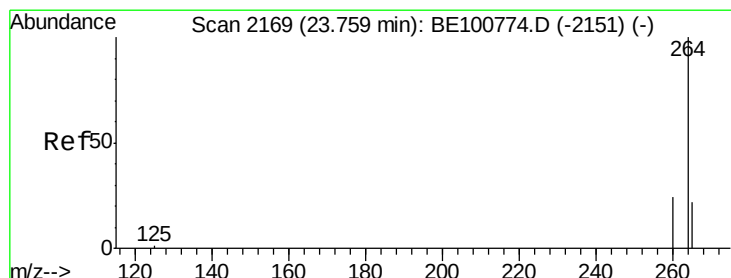
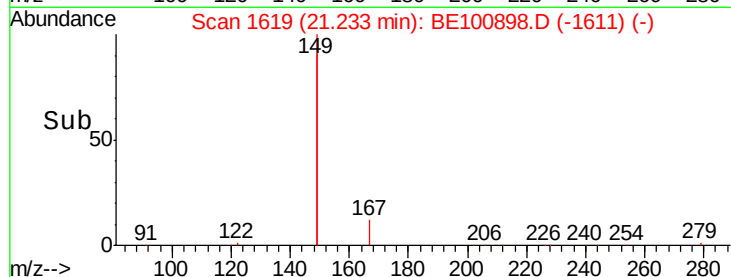
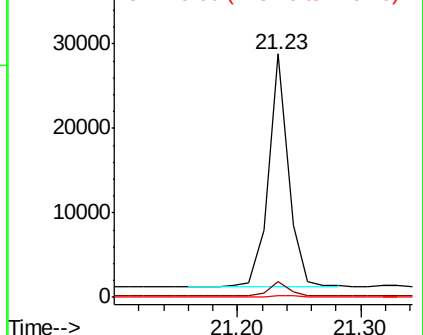


Abundance

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: 23.75 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE100898.D

Acq: 13 Dec 2019 22:52

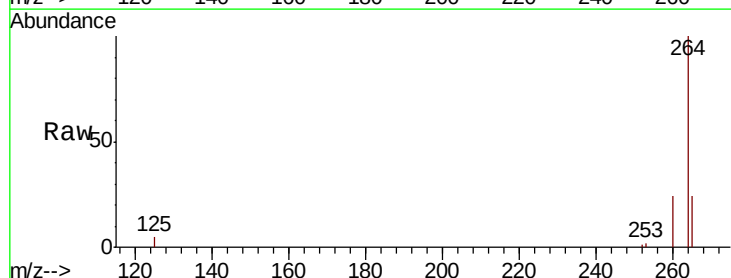
Tgt Ion:264 Resp: 32082

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 24.2 20.1 30.1



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

