

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020419\
 Data File : BE098714.D
 Acq On : 4 Feb 2019 19:19
 Operator : JU/SJ
 Sample : K1308-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-18(34.5-35)

Quant Time: Feb 04 23:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

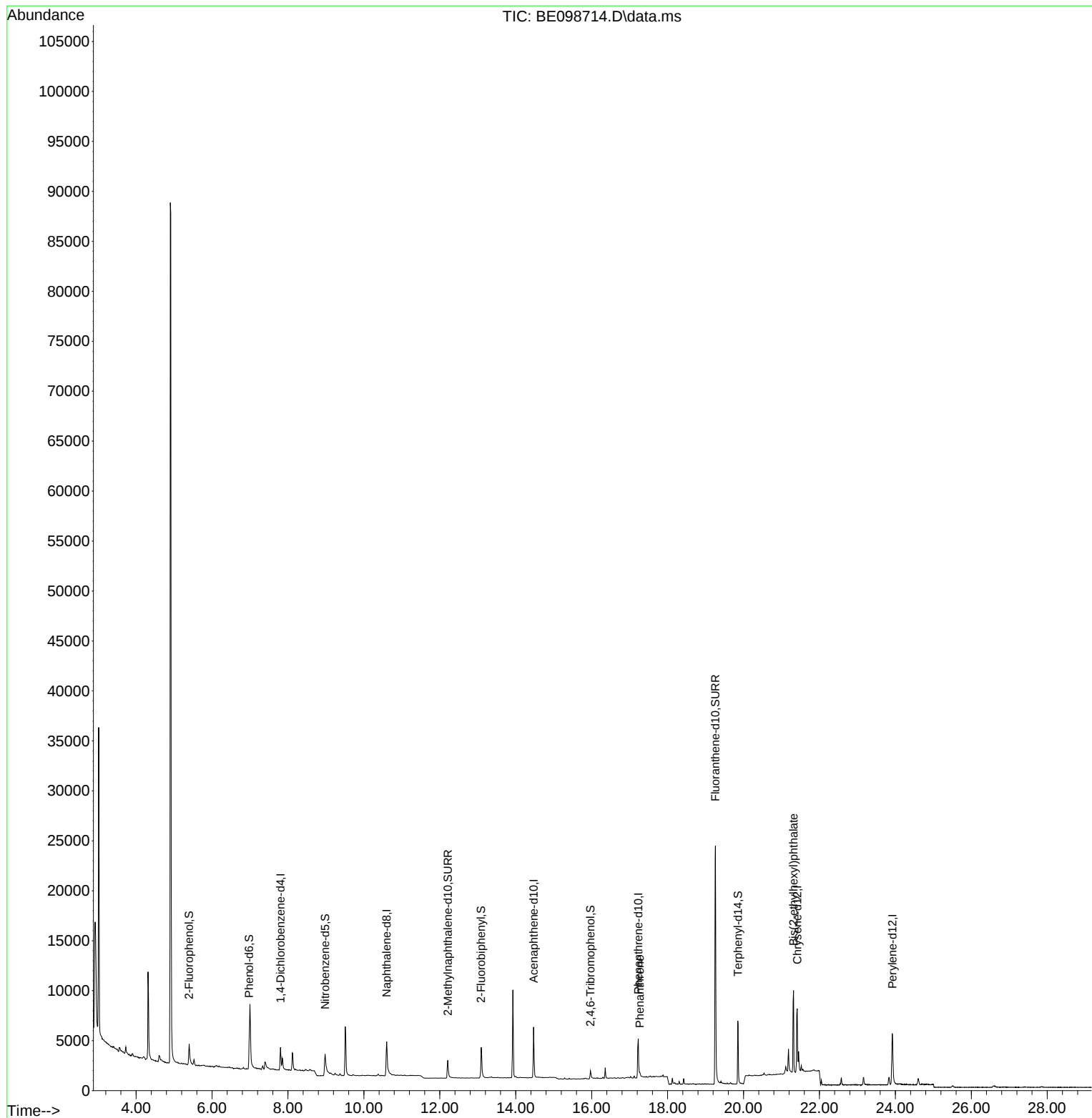
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1236	0.40	ng	0.00
7) Naphthalene-d8	10.602	136	4723	0.40	ng	0.00
13) Acenaphthene-d10	14.472	164	2993	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	7255	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	8643	0.40	ng	0.00
34) Perylene-d12	23.920	264	8464	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	1370	0.37	ng	0.00
5) Phenol-d6	6.975	99	2048	0.38	ng	-0.02
8) Nitrobenzene-d5	8.978	82	1447	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	3102	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	594	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	4009	0.31	ng	-0.01
25) Fluoranthene-d10	19.259	212	37256	0.36	ng	0.00
29) Terphenyl-d14	19.851	244	6275	0.29	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.268	178	597	0.03	ng	93
32) Bis(2-ethylhexyl)phtha...	21.318	149	11123	0.23	ng	99

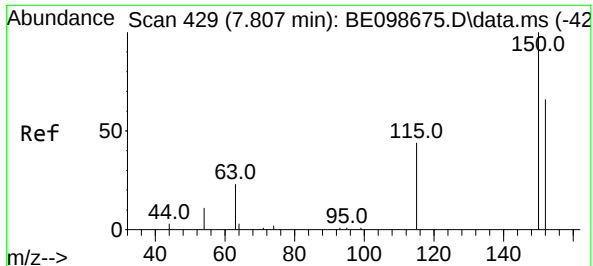
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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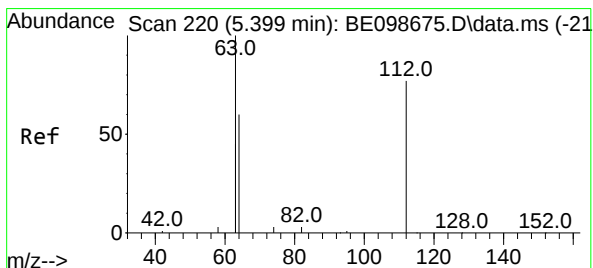
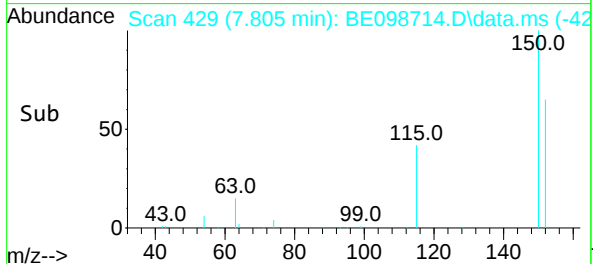
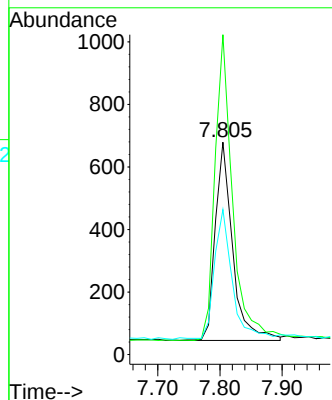
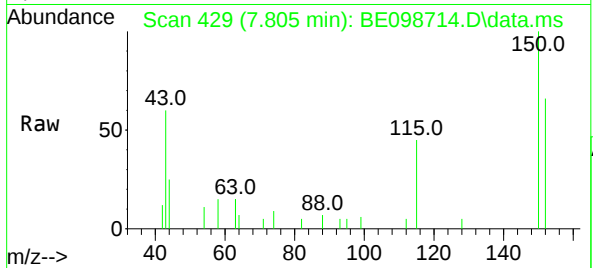




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.002 min
 Lab File: BE098714.D
 Acq: 4 Feb 2019 19:19

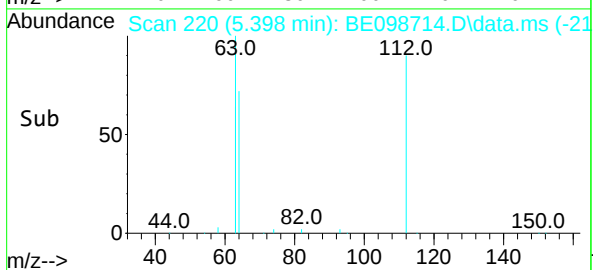
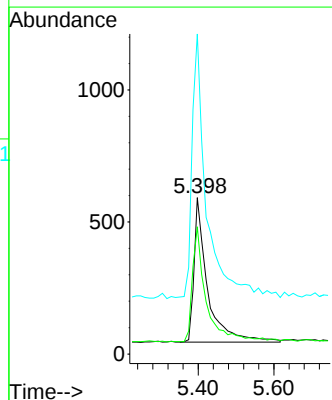
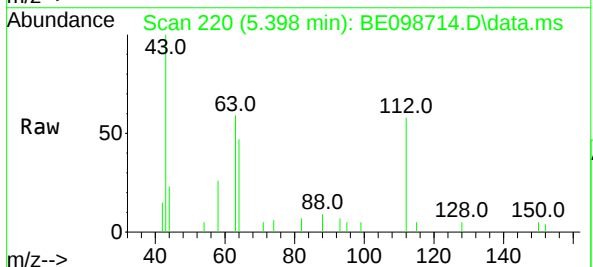
Instrument :
 BNA_E
 ClientSampleId :
 SB-18(34.5-35)

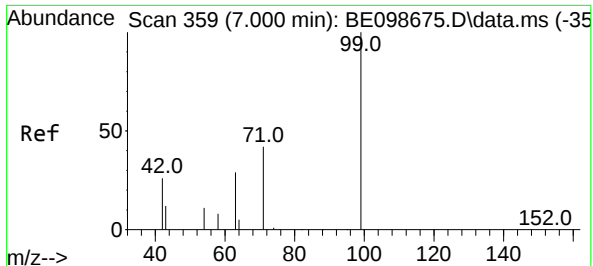
Tgt Ion:152 Resp: 1236
 Ion Ratio Lower Upper
 152 100
 150 150.7 121.4 182.2
 115 68.3 59.1 88.7



#4
 2-Fluorophenol
 Concen: 0.37 ng
 RT: 5.398 min Scan# 220
 Delta R.T. -0.001 min
 Lab File: BE098714.D
 Acq: 4 Feb 2019 19:19

Tgt Ion:112 Resp: 1370
 Ion Ratio Lower Upper
 112 100
 64 80.8 62.9 94.3
 63 192.9 152.2 228.4

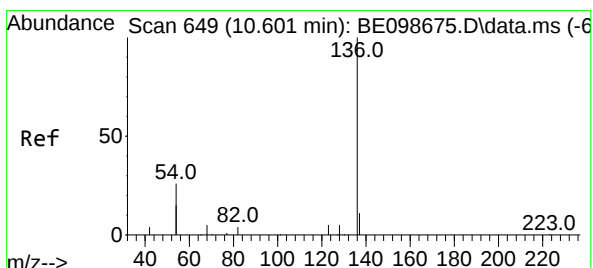
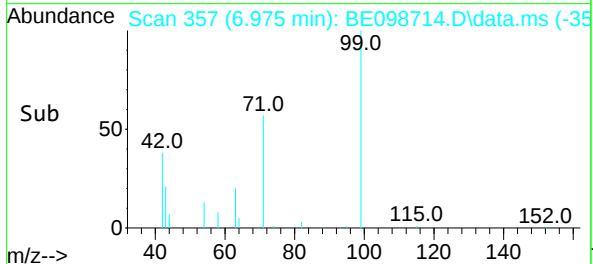
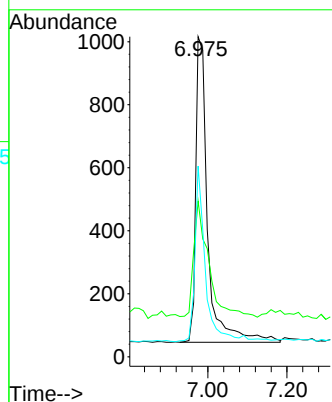
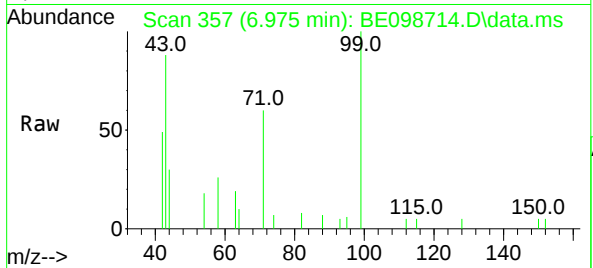




#5
Phenol-d6
Concen: 0.38 ng
RT: 6.975 min Scan# 357
Delta R.T. -0.025 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

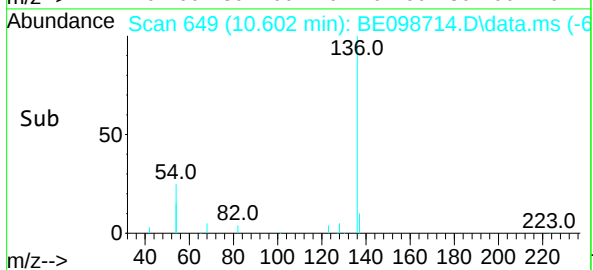
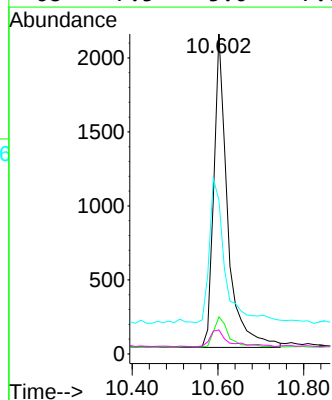
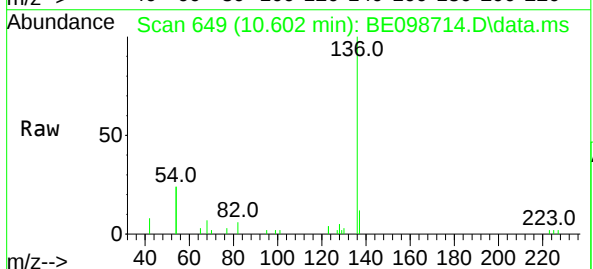
Instrument :
BNA_E
ClientSampleId :
SB-18(34.5-35)

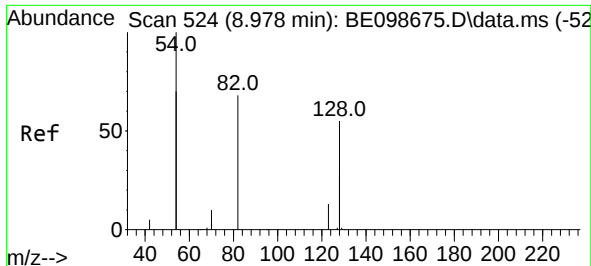
Tgt Ion: 99 Resp: 2048
Ion Ratio Lower Upper
99 100
42 46.4 24.6 37.0#
71 49.4 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.602 min Scan# 649
Delta R.T. 0.001 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

Tgt Ion:136 Resp: 4723
Ion Ratio Lower Upper
136 100
137 11.6 9.7 14.5
54 48.1 35.5 53.3
68 7.5 5.0 7.6

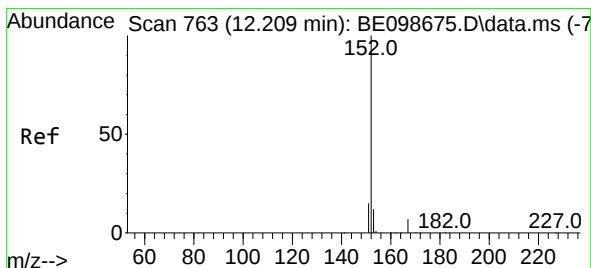
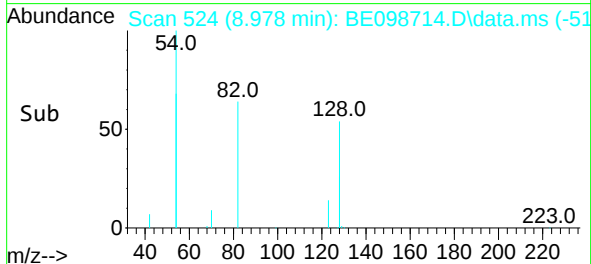
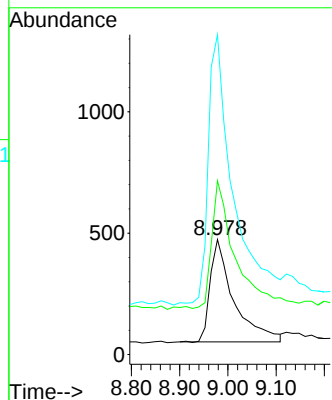
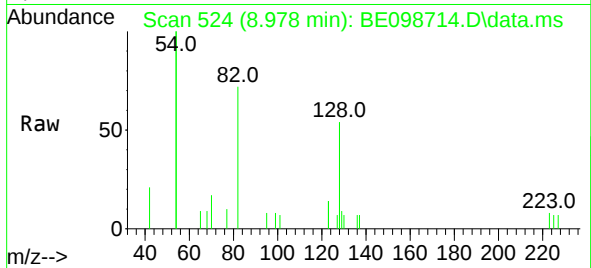




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

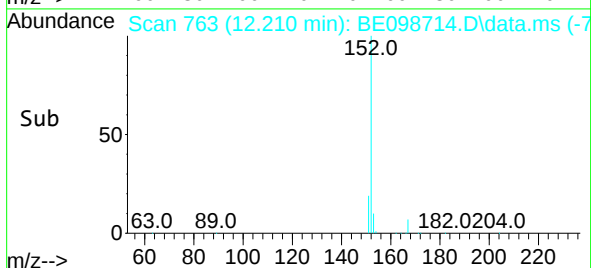
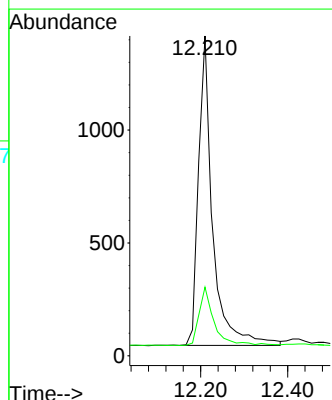
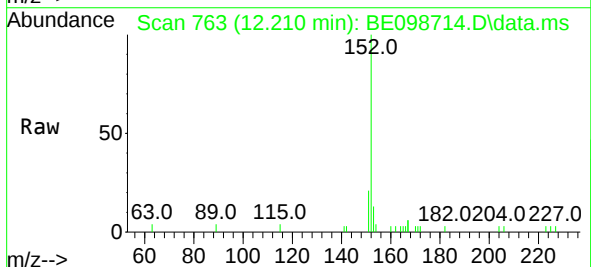
Instrument :
BNA_E
ClientSampleId :
SB-18(34.5-35)

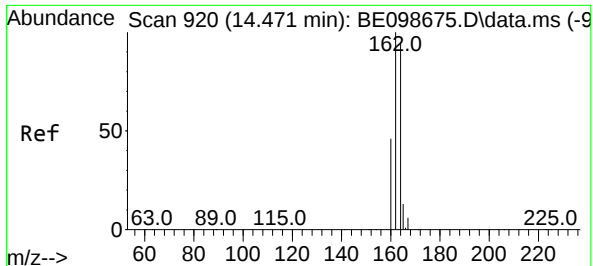
Tgt Ion: 82 Resp: 1447
Ion Ratio Lower Upper
82 100
128 151.1 96.5 144.7#
54 278.1 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.001 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

Tgt Ion: 152 Resp: 3102
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4

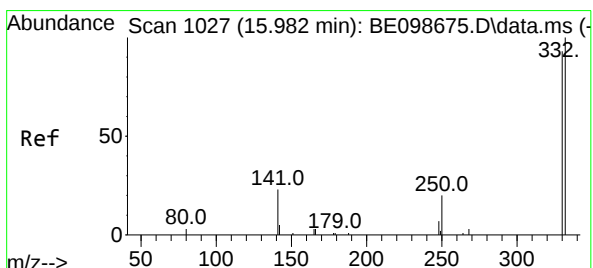
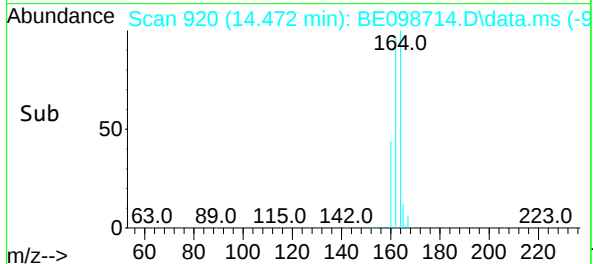
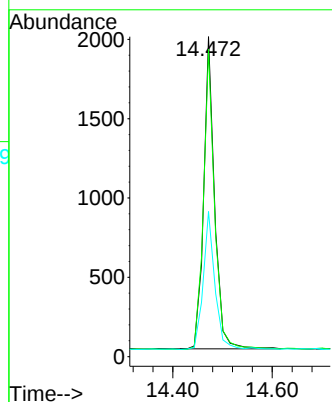
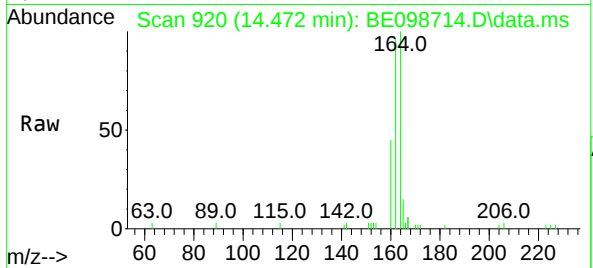




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

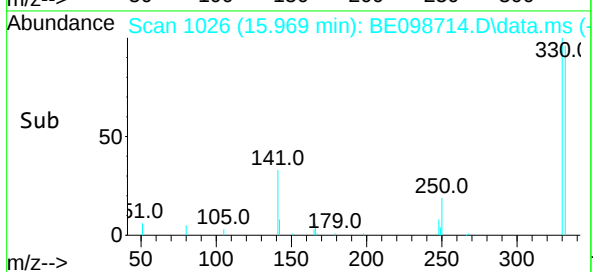
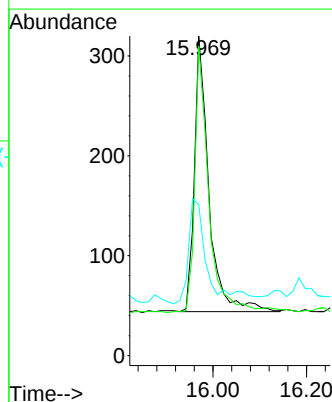
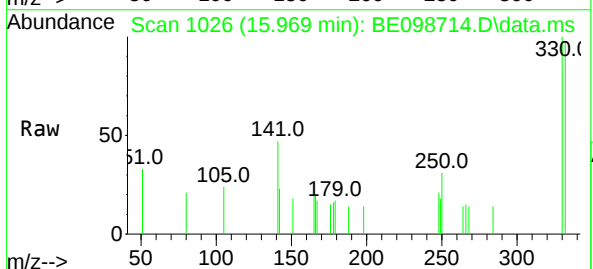
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SB-18(34.5-35)

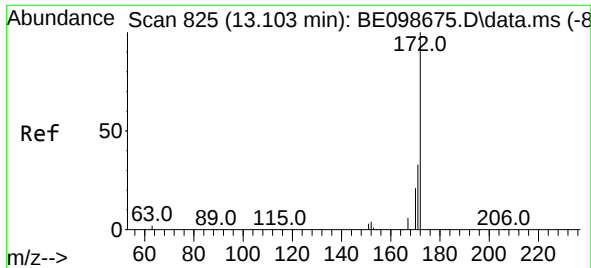
Tgt Ion:164 Resp: 2993
Ion Ratio Lower Upper
164 100
162 96.0 80.5 120.7
160 45.3 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 90.2 73.3 109.9
141 49.3 33.1 49.7

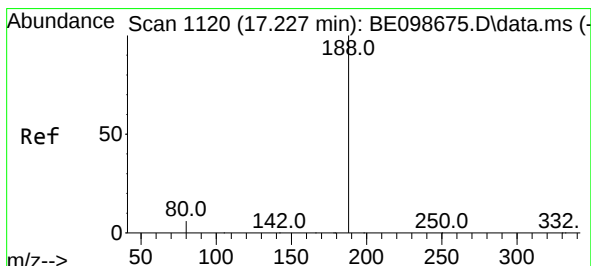
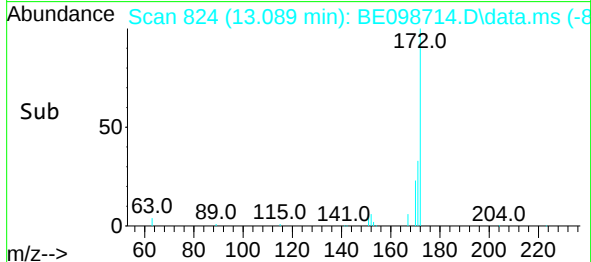
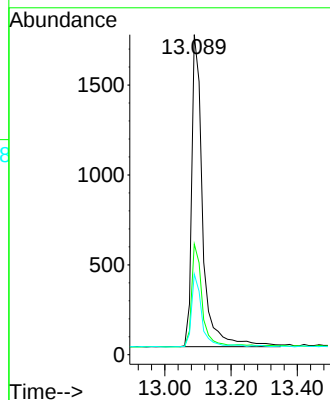
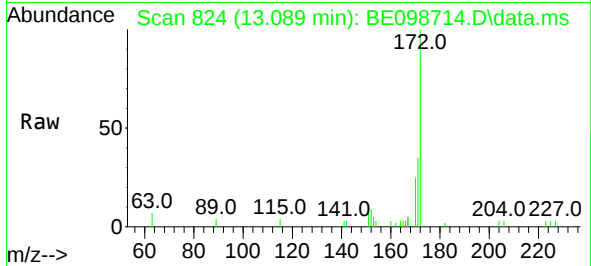




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.089 min Scan# 824
Delta R.T. -0.014 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

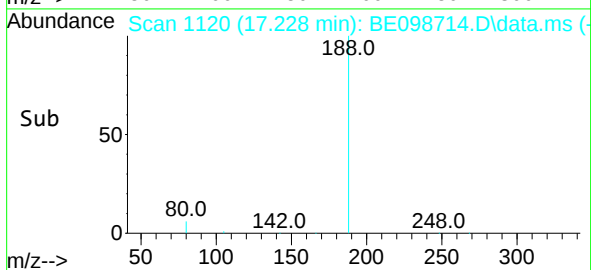
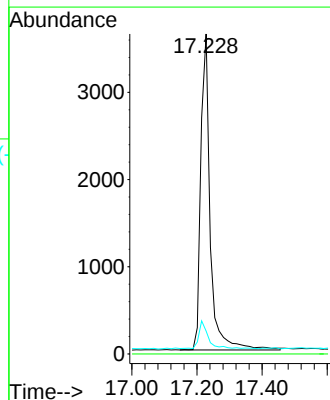
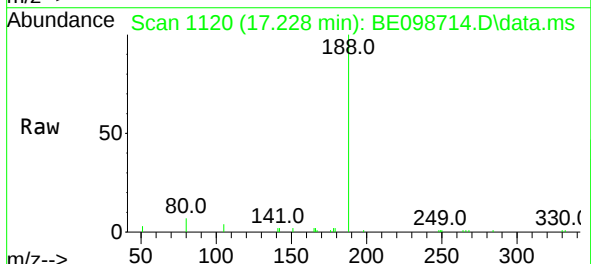
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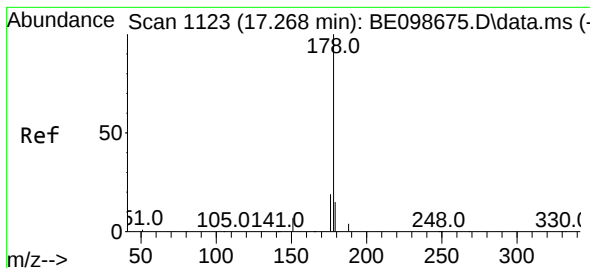
Tgt Ion:	172	Resp:	4009
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.0	43.4
170	25.2	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

Tgt Ion:	188	Resp:	7255
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.2	4.7	7.1#





#23

Phenanthrene

Concen: 0.03 ng

RT: 17.268 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BE098714.D

Acq: 4 Feb 2019 19:19

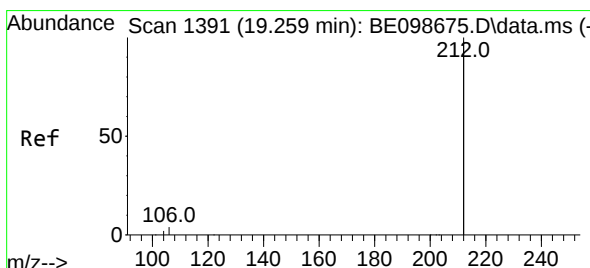
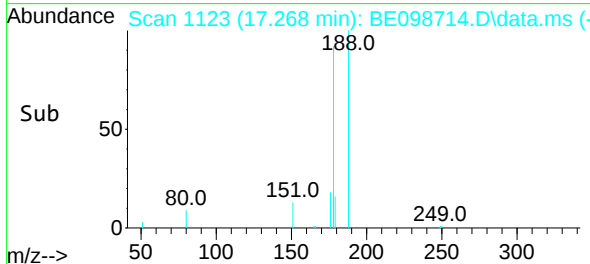
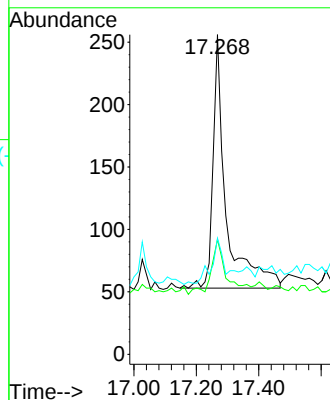
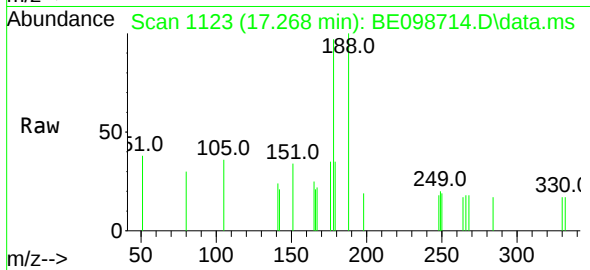
Instrument :

BNA_E

ClientSampleId :

SB-18(34.5-35)

Tgt Ion:178	Resp:	597	
Ion	Ratio	Lower	Upper
178	100		
176	23.6	15.9	23.9
179	17.4	12.2	18.4



#25

Fluoranthene-d10

Concen: 0.36 ng

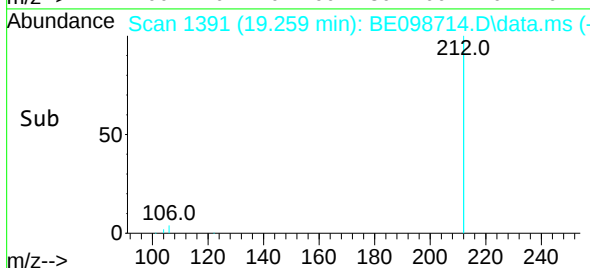
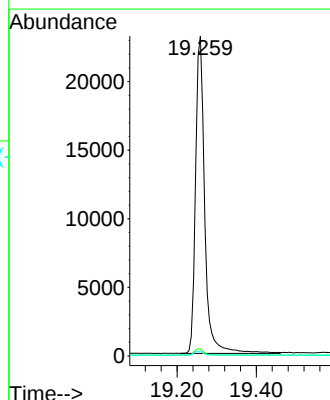
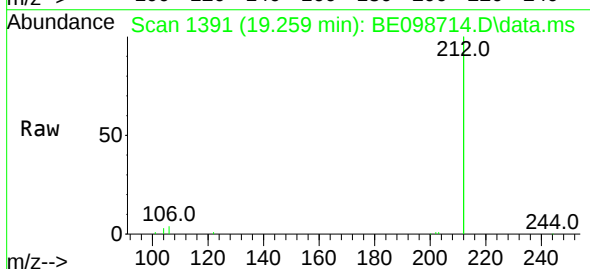
RT: 19.259 min Scan# 1391

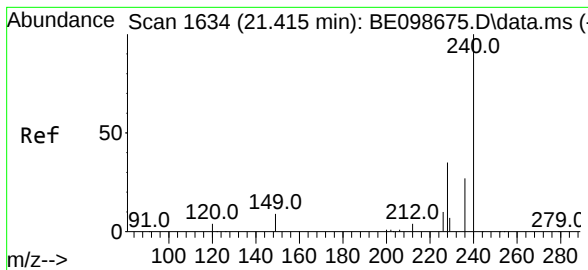
Delta R.T. -0.000 min

Lab File: BE098714.D

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Tgt Ion:212	Resp:	37256	
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.7	2.5
104	1.2	1.0	1.6

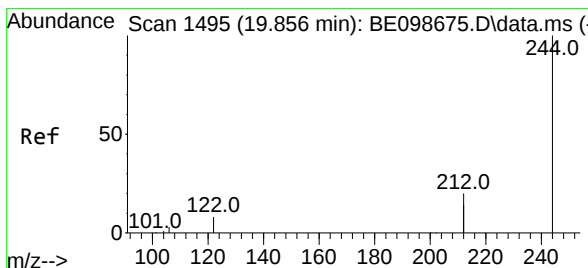
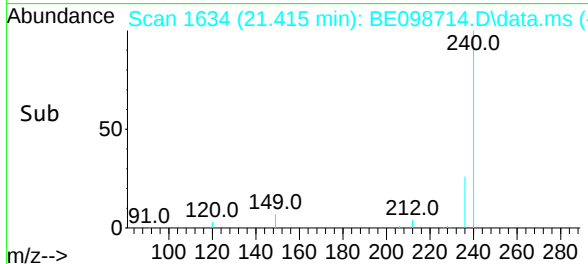
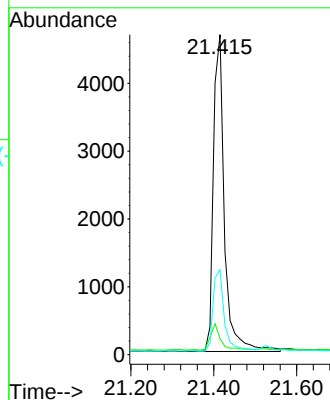
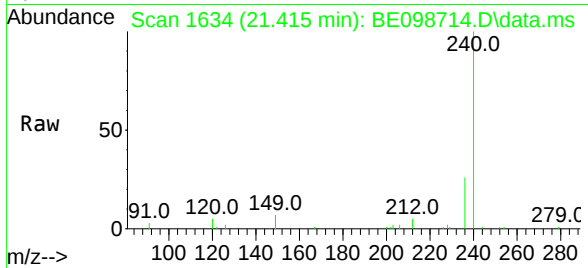




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

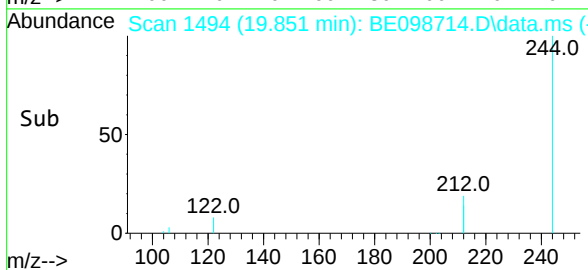
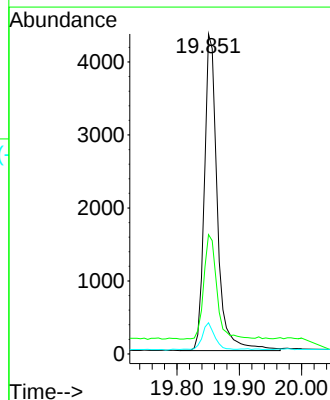
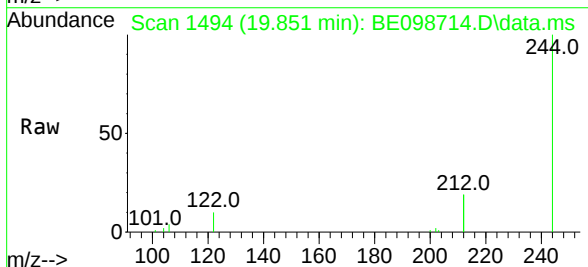
Instrument :
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SB-18(34.5-35)

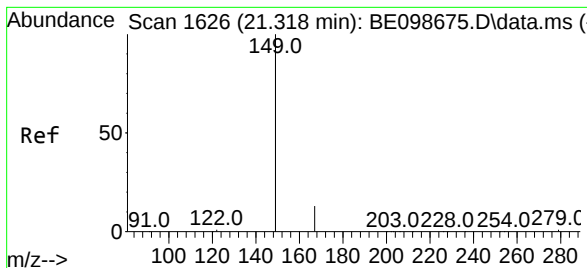
Tgt Ion:240 Resp: 8643
Ion Ratio Lower Upper
240 100
120 5.0 4.7 7.1
236 26.5 21.9 32.9



#29
Terphenyl-d14
Concen: 0.29 ng
RT: 19.851 min Scan# 1494
Delta R.T. -0.005 min
Lab File: BE098714.D
Acq: 4 Feb 2019 19:19

Tgt Ion:244 Resp: 6275
Ion Ratio Lower Upper
244 100
212 37.3 29.4 44.2
122 9.7 7.1 10.7

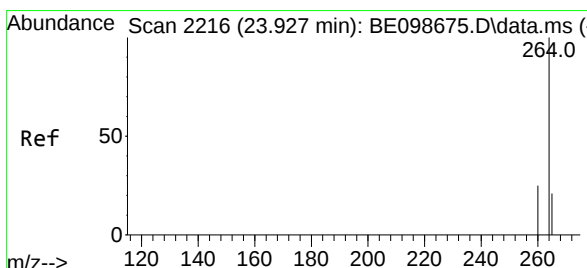
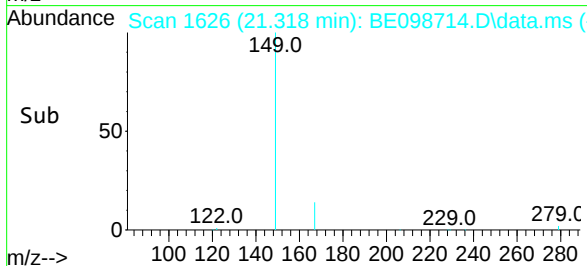
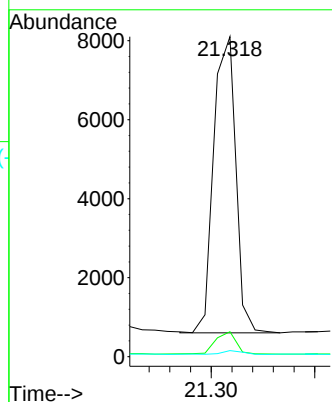
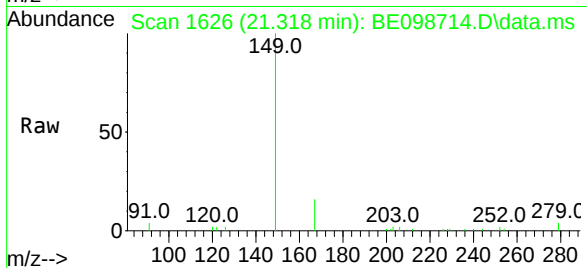




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.318 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BE098714.D
 Acq: 4 Feb 2019 19:19

Instrument :
 BNA_E
 ClientSampleId :
 SB-18(34.5-35)

Tgt Ion:	149	Resp:	11123
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.2
279	1.2	1.0	1.4



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.920 min Scan# 2214
 Delta R.T. -0.007 min
 Lab File: BE098714.D
 Acq: 4 Feb 2019 19:19

Tgt Ion:	264	Resp:	8464
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.5	30.7
265	26.7	22.3	33.5

