

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022019\
 Data File : BE098737.D
 Acq On : 20 Feb 2019 12:27
 Operator : JU/SJ
 Sample : PB117222BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 20 13:02:28 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

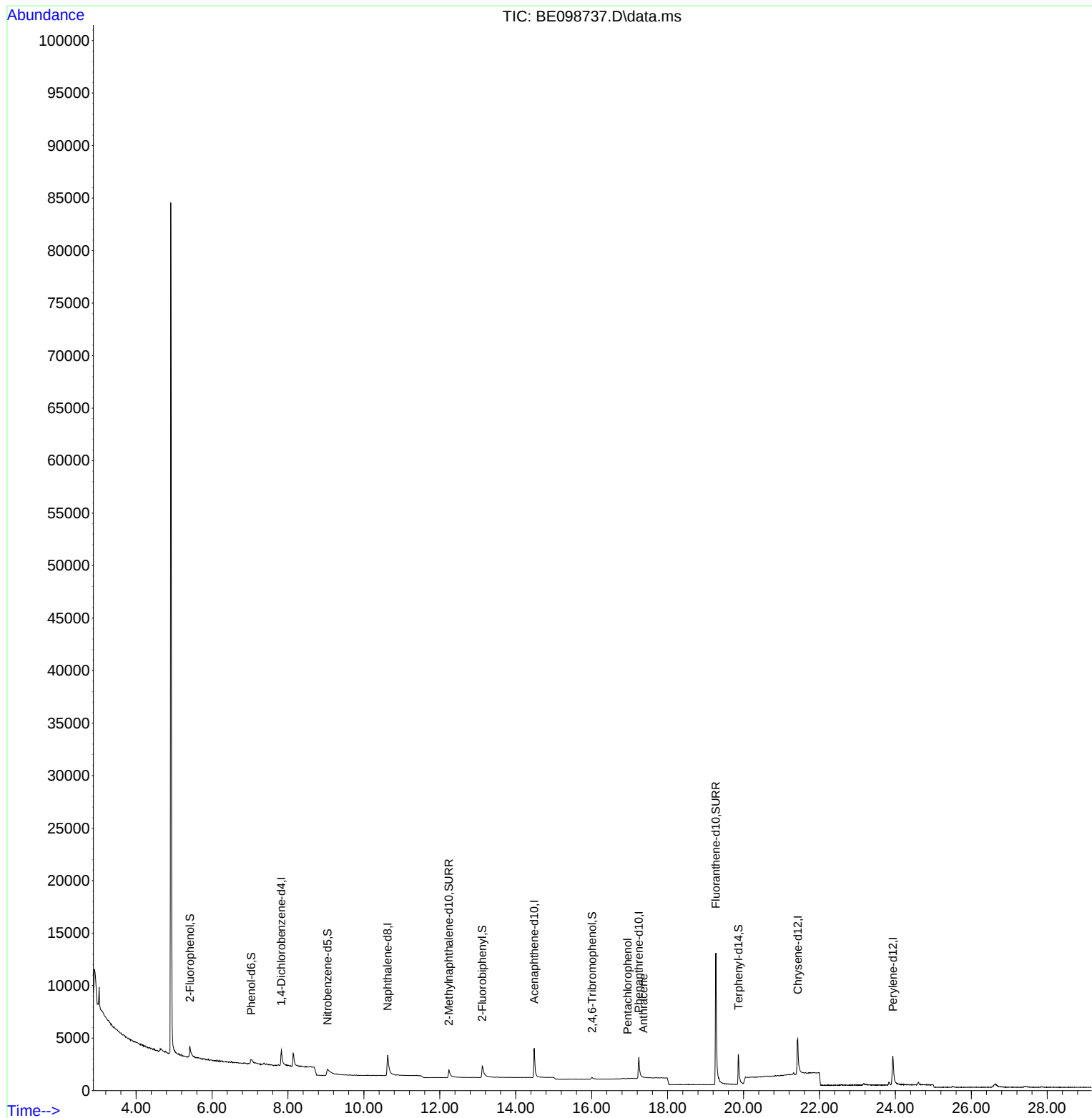
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	1038	0.40	ng	0.02
7) Naphthalene-d8	10.626	136	3960	0.40	ng	# 0.03
13) Acenaphthene-d10	14.486	164	2357	0.40	ng	0.01
19) Phenanthrene-d10	17.241	188	5437	0.40	ng	# 0.01
27) Chrysene-d12	21.427	240	6387	0.40	ng	# 0.01
34) Perylene-d12	23.933	264	5860	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1032	0.34	ng	0.02
5) Phenol-d6	7.032	99	972	0.22	ng	0.03
8) Nitrobenzene-d5	9.041	82	840	0.25	ng	0.06
11) 2-Methylnaphthalene-d10	12.238	152	2271	0.30	ng	0.03
14) 2,4,6-Tribromophenol	16.010	330	199	0.19	ng	0.03
15) 2-Fluorobiphenyl	13.117	172	2715	0.27	ng	0.01
25) Fluoranthene-d10	19.271	212	26165	0.34	ng	0.01
29) Terphenyl-d14	19.862	244	4269	0.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.289	88	53	Below Cal	#	11
22) Pentachlorophenol	16.947	266	29	0.03	ng	# 75
24) Anthracene	17.362	178	7	0.07	ng	# 36

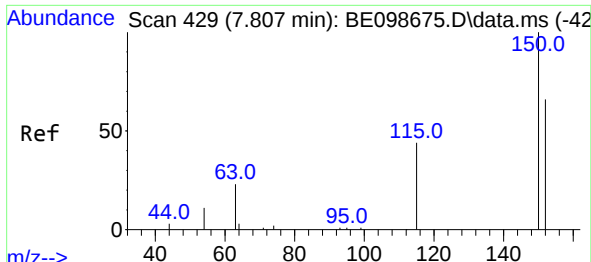
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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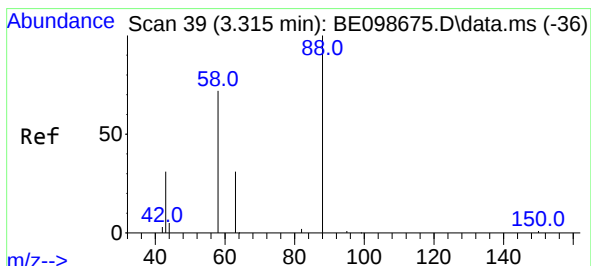
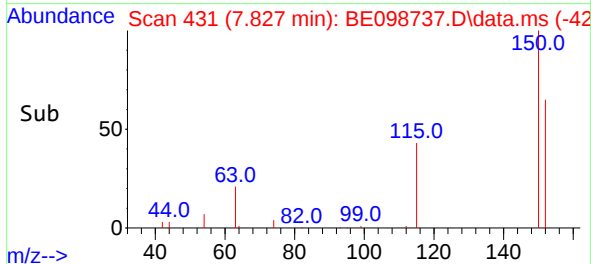
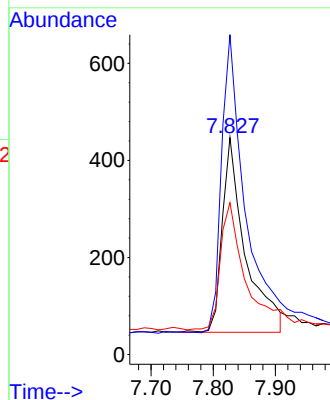
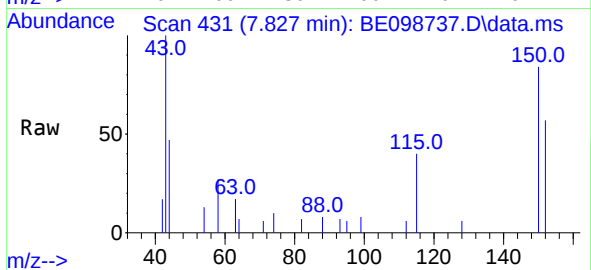




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.827 min Scan# 431
 Delta R.T. 0.020 min
 Lab File: BE098737.D
 Acq: 20 Feb 2019 12:27

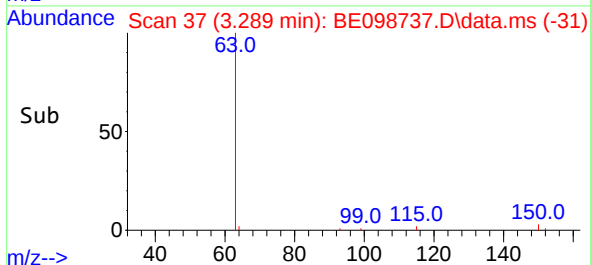
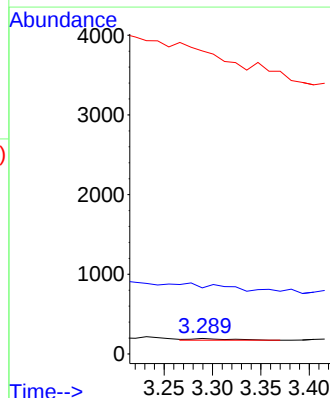
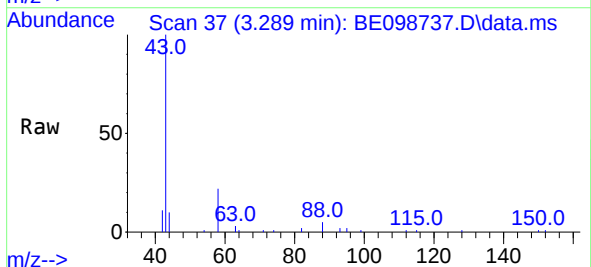
Instrument :
 BNA_E
 ClientSampleId :

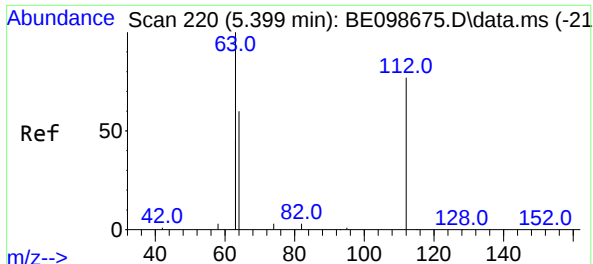
Tgt Ion:152 Resp: 1038
 Ion Ratio Lower Upper
 152 100
 150 147.4 121.4 182.2
 115 70.0 59.1 88.7



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.289 min Scan# 37
 Delta R.T. -0.026 min
 Lab File: BE098737.D
 Acq: 20 Feb 2019 12:27

Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 58 0.0 73.9 110.9#
 43 0.0 43.7 65.5#

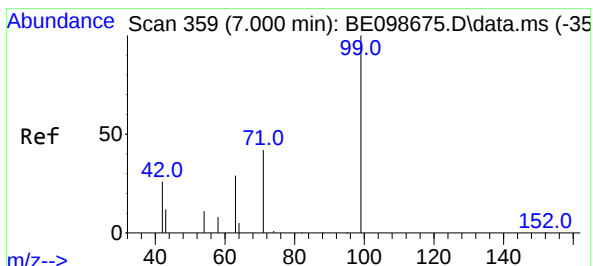
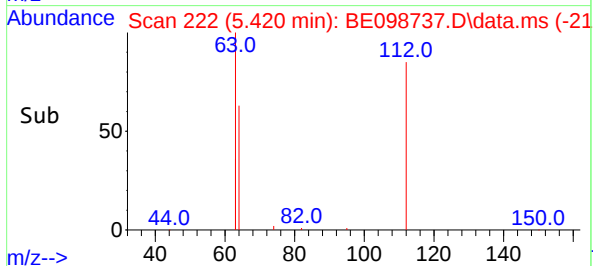
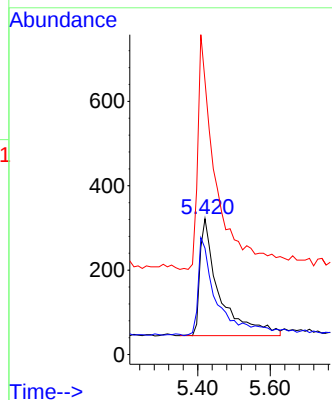
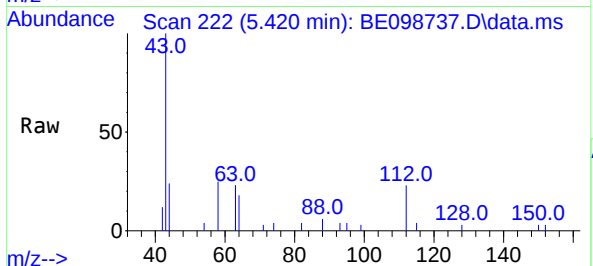




#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.420 min Scan# 222
Delta R.T. 0.021 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

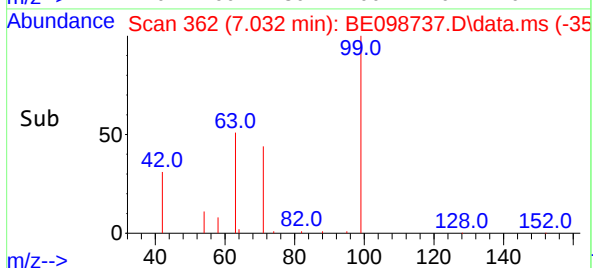
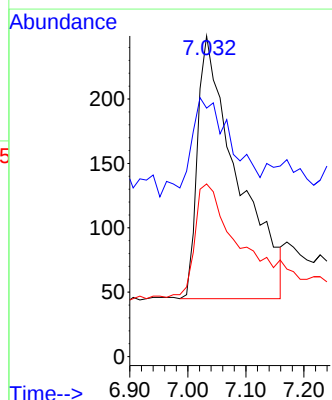
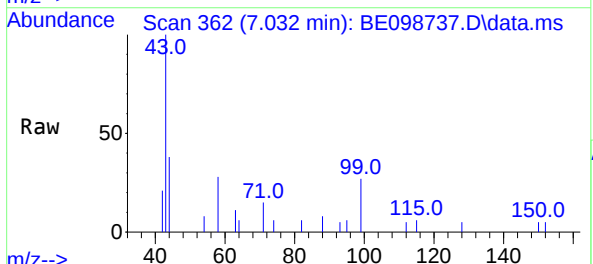
Instrument :
BNA_E
ClientSampleId :

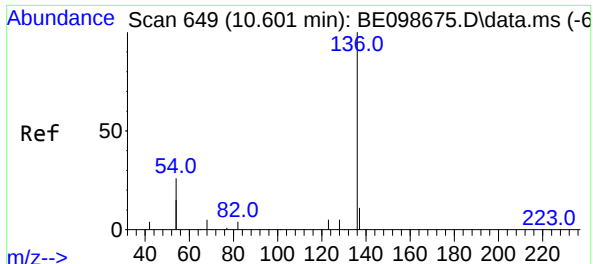
Tgt Ion:112 Resp: 1032
Ion Ratio Lower Upper
112 100
64 84.2 62.9 94.3
63 192.0 152.2 228.4



#5
Phenol-d6
Concen: 0.22 ng
RT: 7.032 min Scan# 362
Delta R.T. 0.032 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

Tgt Ion: 99 Resp: 972
Ion Ratio Lower Upper
99 100
42 40.9 24.6 37.0#
71 52.1 35.1 52.7

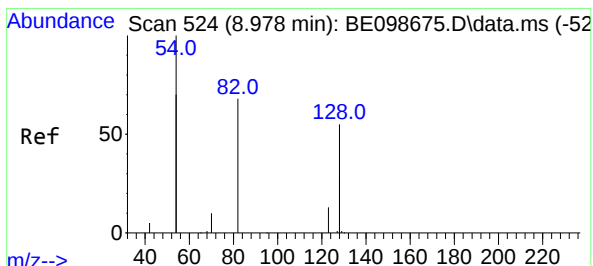
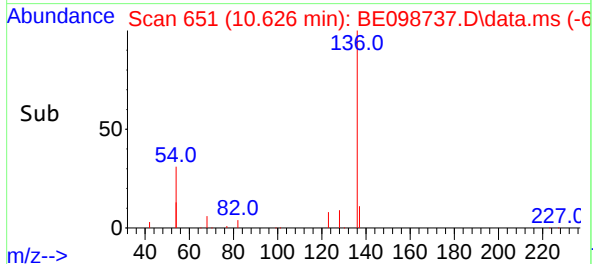
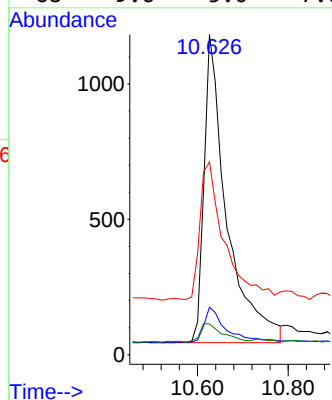
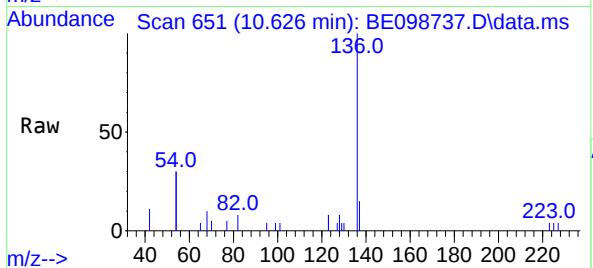




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.626 min Scan# 651
Delta R.T. 0.025 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

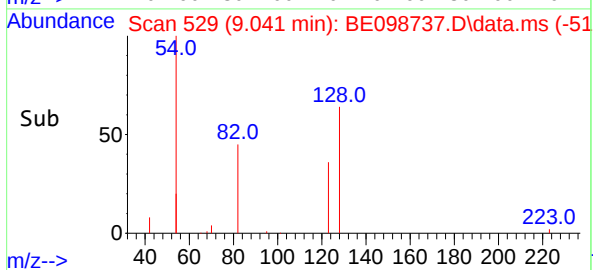
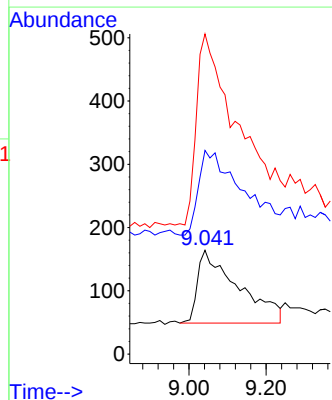
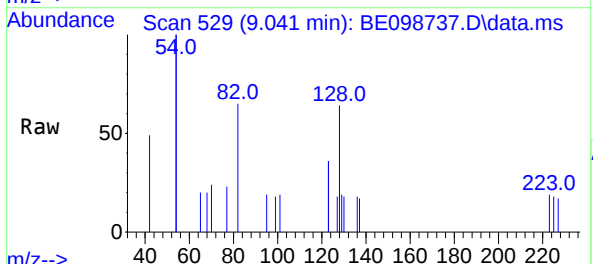
Instrument :
BNA_E
ClientSampleId :

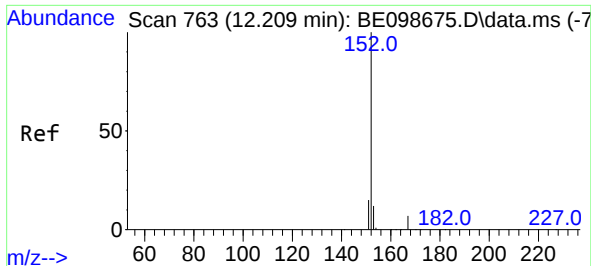
Tgt Ion:	136	Resp:	3960
Ion Ratio	Lower	Upper	
136	100		
137	14.9	9.7	14.5#
54	60.2	35.5	53.3#
68	9.6	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 9.041 min Scan# 529
Delta R.T. 0.063 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

Tgt Ion:	82	Resp:	840
Ion Ratio	Lower	Upper	
82	100		
128	196.3	96.5	144.7#
54	308.5	224.7	337.1

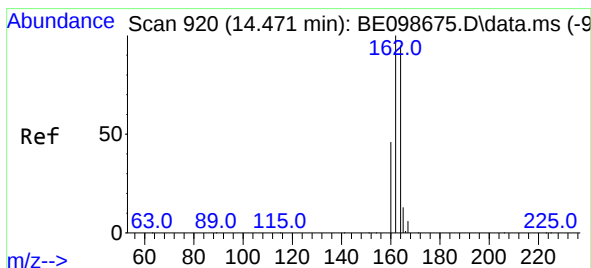
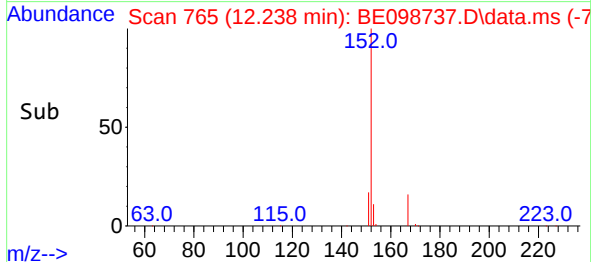
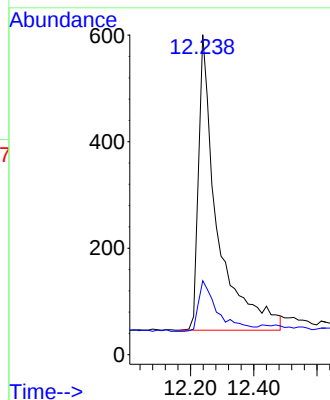
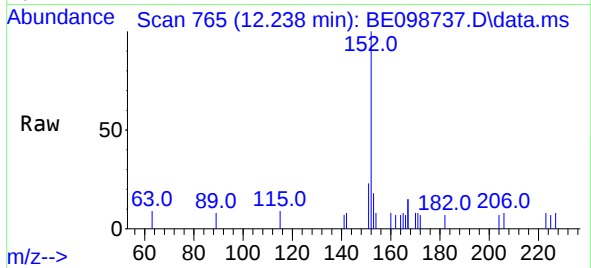




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.238 min Scan# 765
Delta R.T. 0.029 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

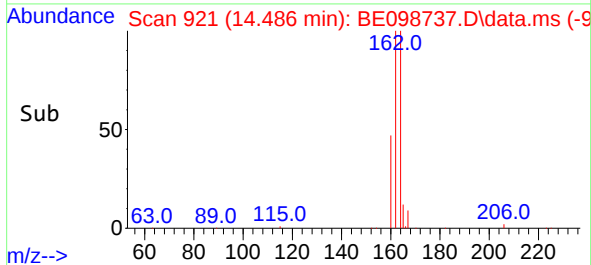
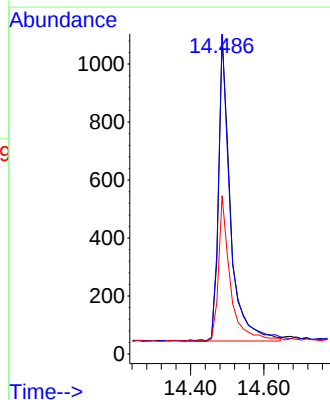
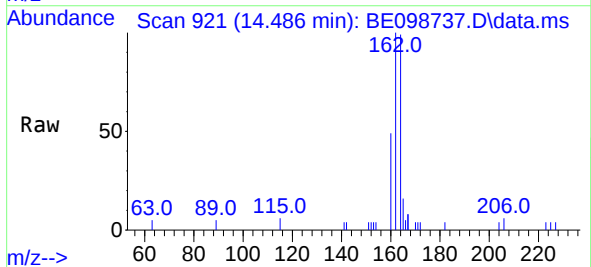
Instrument :
BNA_E
ClientSampled :

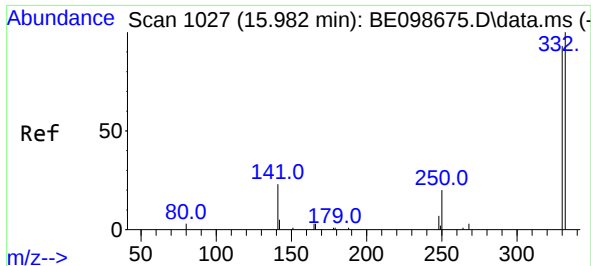
Tgt Ion:152 Resp: 2271
Ion Ratio Lower Upper
152 100
151 17.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.015 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

Tgt Ion:164 Resp: 2357
Ion Ratio Lower Upper
164 100
162 100.7 80.5 120.7
160 49.8 40.1 60.1

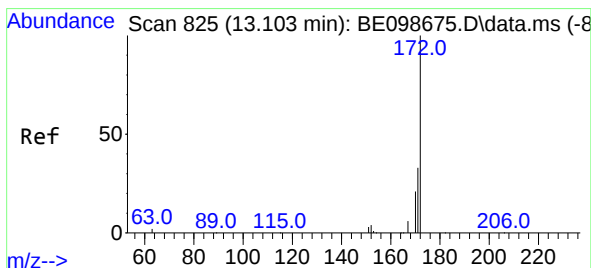
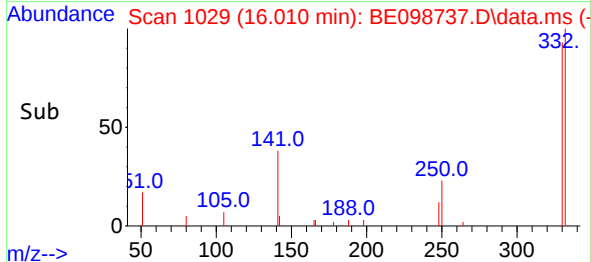
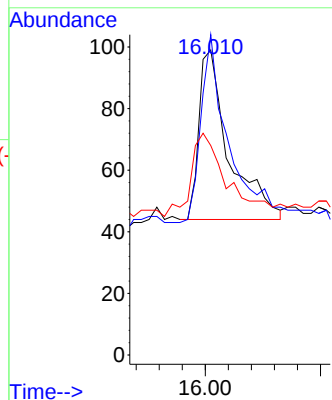
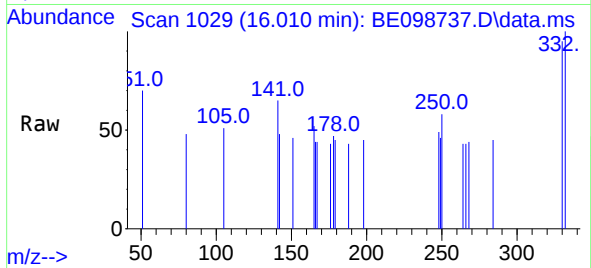




#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 16.010 min Scan# 1029
Delta R.T. 0.028 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

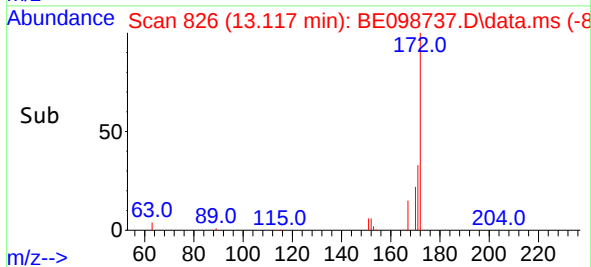
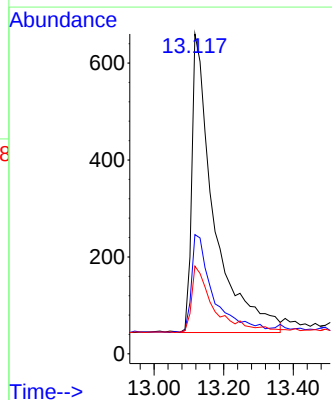
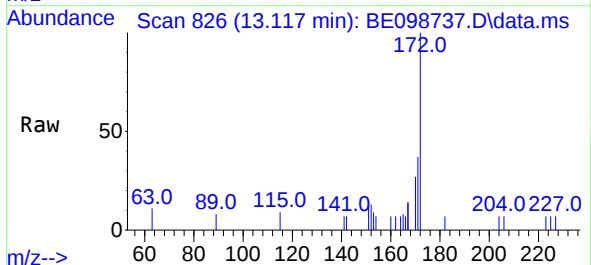
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ClientSampleId :

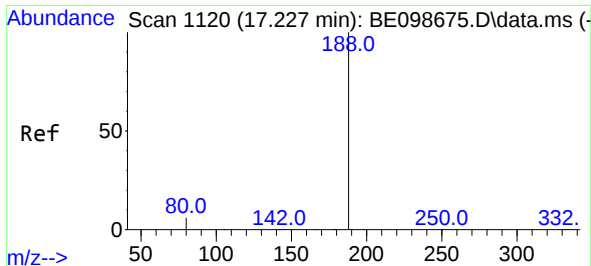
Tgt Ion:	330	Resp:	199
Ion	Ratio	Lower	Upper
330	100		
332	111.6	73.3	109.9#
141	64.8	33.1	49.7#



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.117 min Scan# 826
Delta R.T. 0.014 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

Tgt Ion:	172	Resp:	2715
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	27.4	20.8	31.2

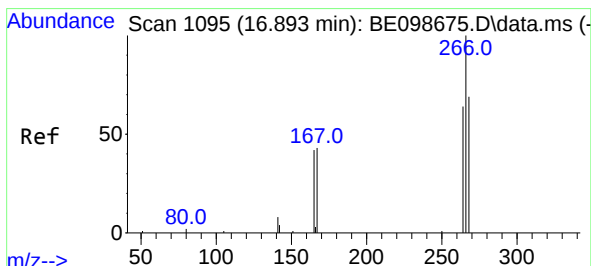
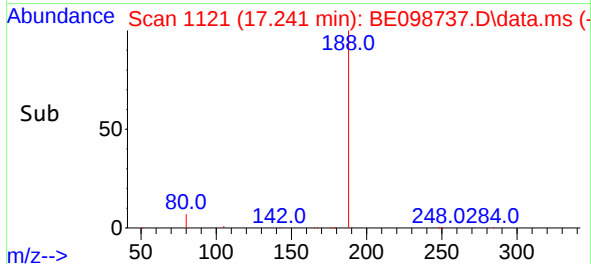
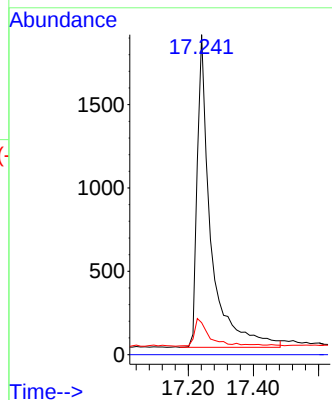
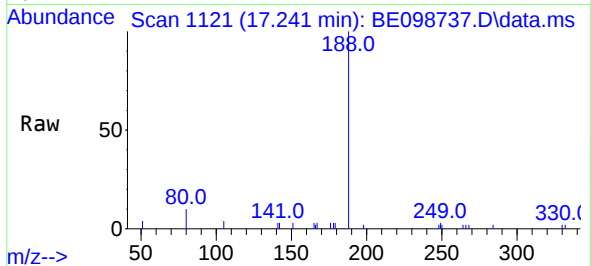




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.241 min Scan# 1121
Delta R.T. 0.014 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

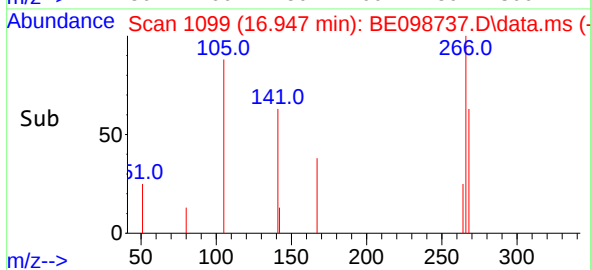
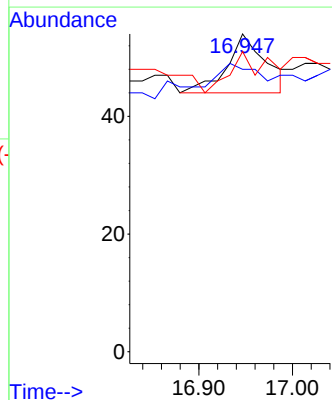
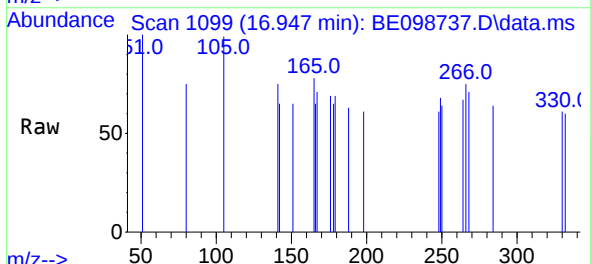
Instrument :
BNA_E
ClientSampled :

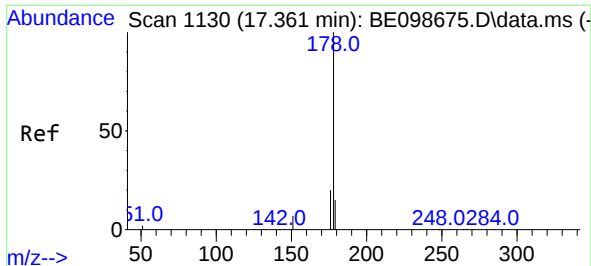
Tgt Ion:188 Resp: 5437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.947 min Scan# 1099
Delta R.T. 0.054 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 88.9 53.7 80.5#
268 94.4 59.8 89.8#

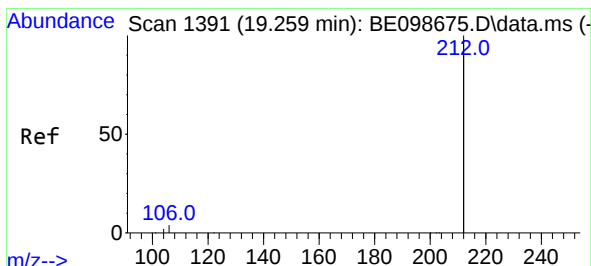
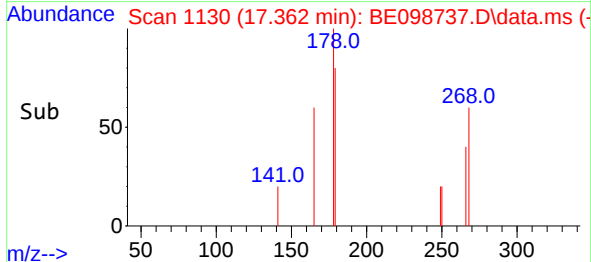
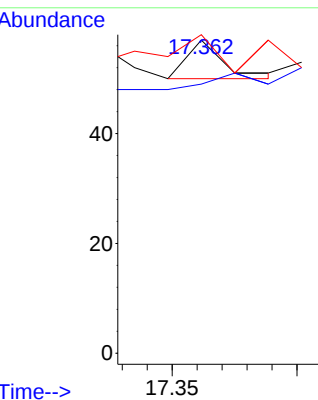
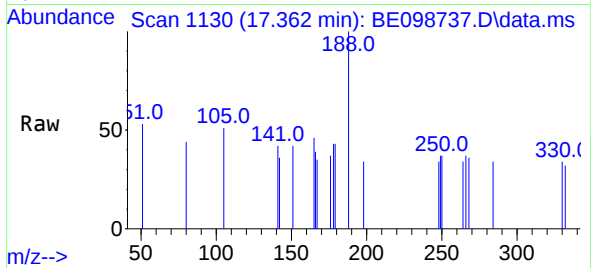




#24
 Anthracene
 Concen: 0.07 ng
 RT: 17.362 min Scan# 1130
 Delta R.T. 0.001 min
 Lab File: BE098737.D
 Acq: 20 Feb 2019 12:27

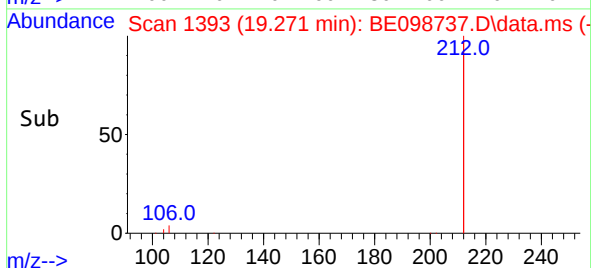
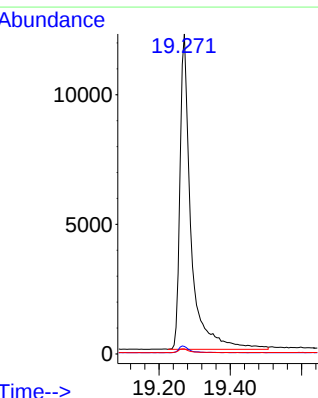
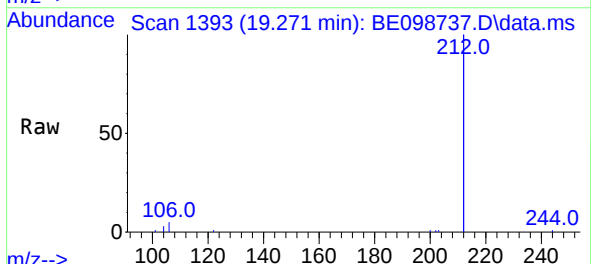
Instrument :
 BNA_E
 ClientSampled :

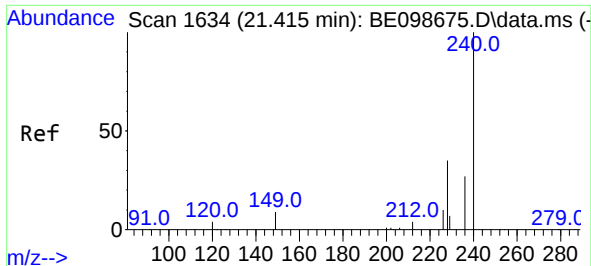
Tgt Ion:178 Resp: 7
 Ion Ratio Lower Upper
 178 100
 176 57.1 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.34 ng
 RT: 19.271 min Scan# 1393
 Delta R.T. 0.012 min
 Lab File: BE098737.D
 Acq: 20 Feb 2019 12:27

Tgt Ion:212 Resp: 26165
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.2 1.0 1.6

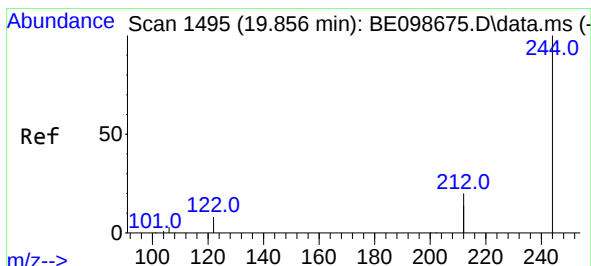
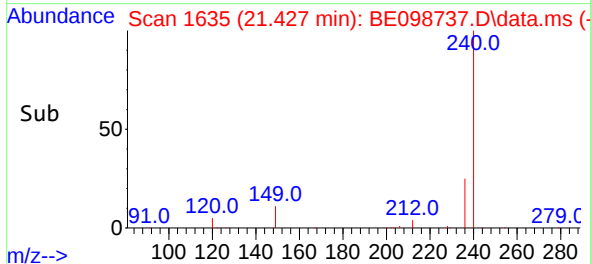
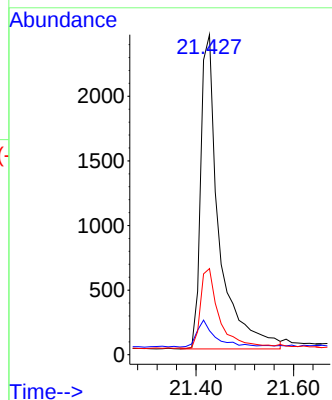
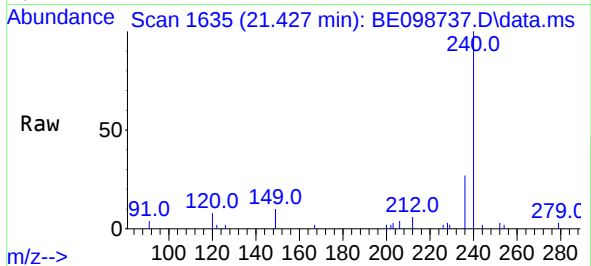




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.427 min Scan# 1635
Delta R.T. 0.012 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

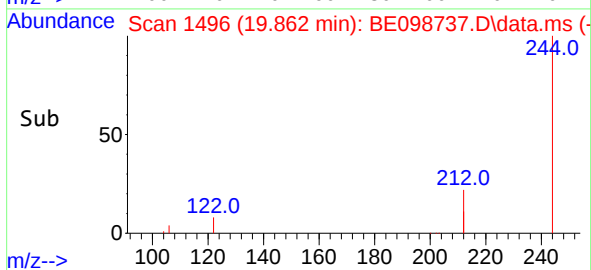
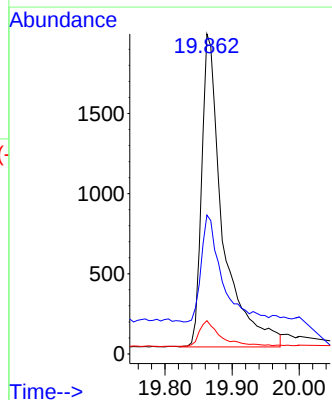
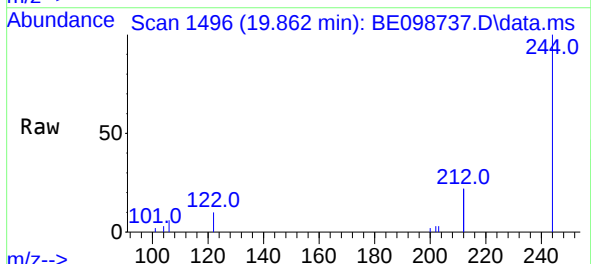
Instrument :
BNA_E
ClientSampled :

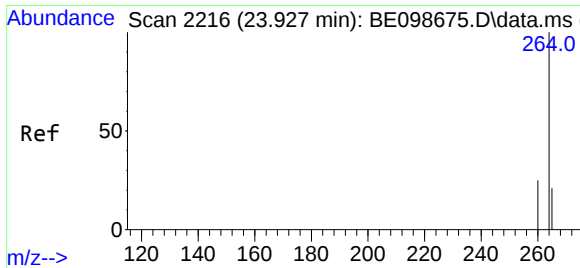
Tgt Ion:240 Resp: 6387
Ion Ratio Lower Upper
240 100
120 7.5 4.7 7.1#
236 26.9 21.9 32.9



#29
Terphenyl-d14
Concen: 0.27 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098737.D
Acq: 20 Feb 2019 12:27

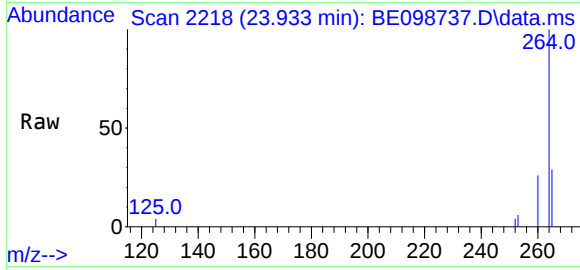
Tgt Ion:244 Resp: 4269
Ion Ratio Lower Upper
244 100
212 43.4 29.4 44.2
122 10.4 7.1 10.7





#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.933 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: BE098737.D
 Acq: 20 Feb 2019 12:27

Instrument :
 BNA_E
 ClientSampleId :



Tgt Ion:264 Resp: 5860

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	28.9	22.3	33.5

