

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
 Data File : BE098731.D
 Acq On : 13 Feb 2019 17:25
 Operator : JU/SJ
 Sample : K1463-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-02-INF(PRE-GAC)

Quant Time: Feb 14 04:06:40 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)

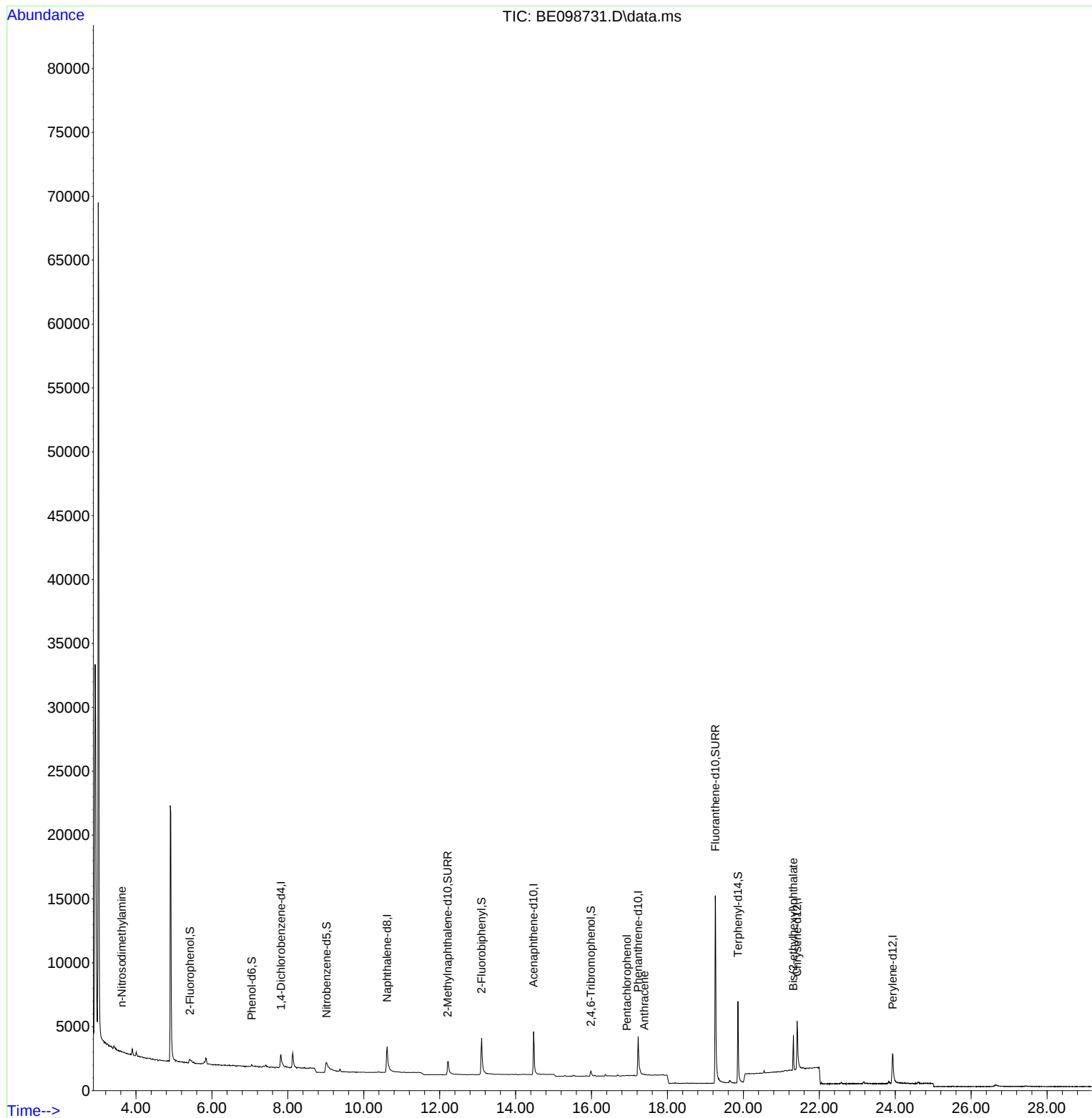
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	847	0.40	ng	0.01
7) Naphthalene-d8	10.614	136	3642	0.40	ng	# 0.01
13) Acenaphthene-d10	14.472	164	2609	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	6280	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	5781	0.40	ng	# 0.00
34) Perylene-d12	23.929	264	4698	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	366	0.15	ng	0.02
5) Phenol-d6	7.047	99	261	0.07	ng	0.05
8) Nitrobenzene-d5	9.016	82	1076	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.210	152	2689	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	418	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.103	172	4455	0.40	ng	0.00
25) Fluoranthene-d10	19.259	212	25238	0.28	ng	0.00
29) Terphenyl-d14	19.857	244	6758	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.350	88	30	Below Cal	#	40
3) n-Nitrosodimethylamine	3.627	42	74	0.09	ng	# 34
22) Pentachlorophenol	16.933	266	35	0.03	ng	# 79
24) Anthracene	17.388	178	67	0.07	ng	# 72
32) Bis(2-ethylhexyl)phtha...	21.318	149	3419	0.11	ng	# 99

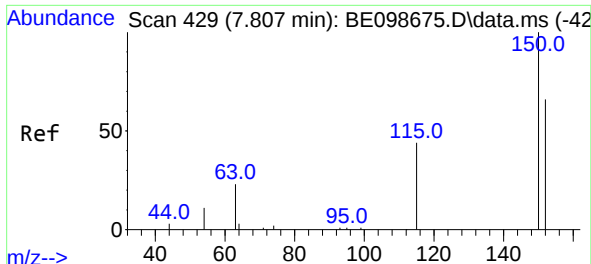
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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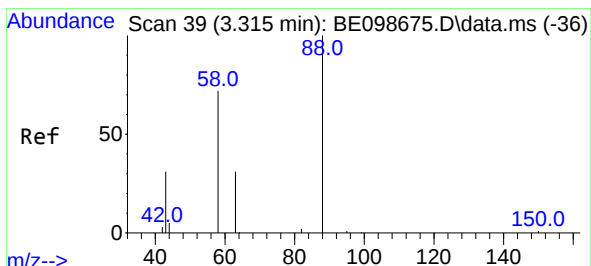
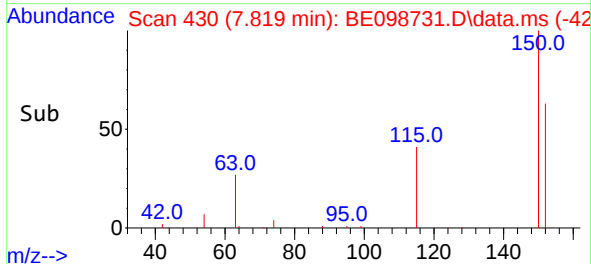
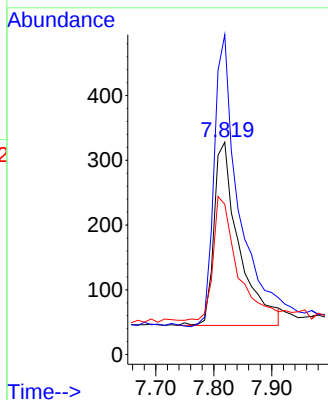
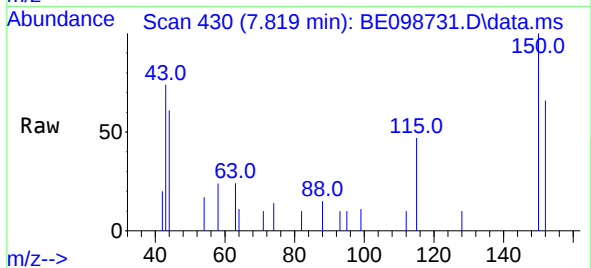


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.819 min Scan# 430
 Delta R.T. 0.012 min
 Lab File: BE098731.D
 Acq: 13 Feb 2019 17:25

Instrument :
 BNA_E
 ClientSampleId :
 M2-T0-02-INF(PRE-GAC)

Tgt Ion:152 Resp: 847

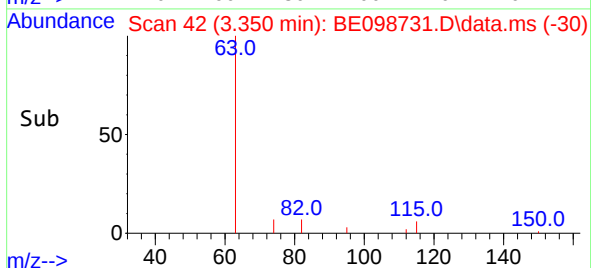
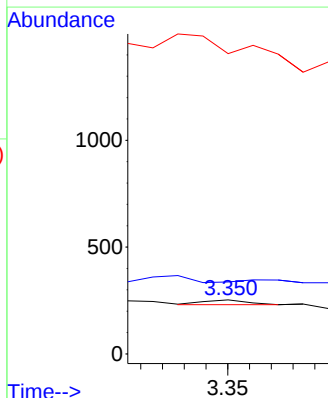
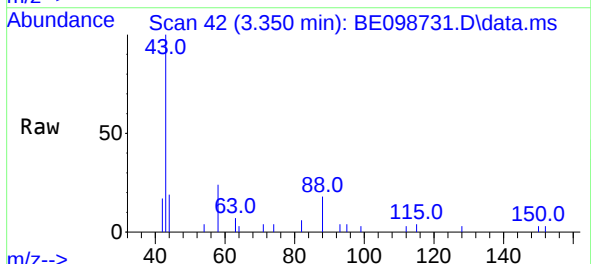
Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.4	182.2
115	70.7	59.1	88.7

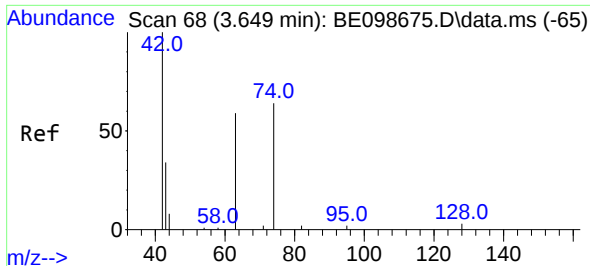


#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.350 min Scan# 42
 Delta R.T. 0.035 min
 Lab File: BE098731.D
 Acq: 13 Feb 2019 17:25

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
58	43.3	73.9	110.9#
43	0.0	43.7	65.5#

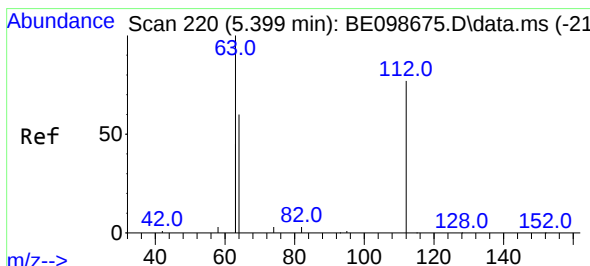
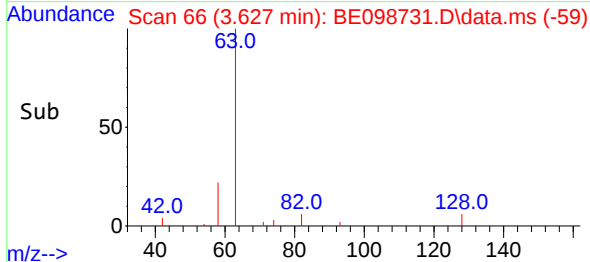
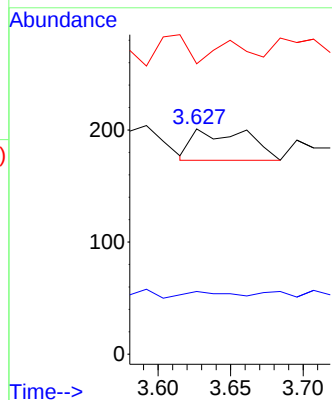
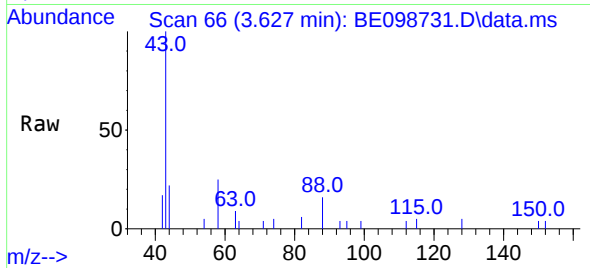




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.627 min Scan# 66
Delta R.T. -0.022 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

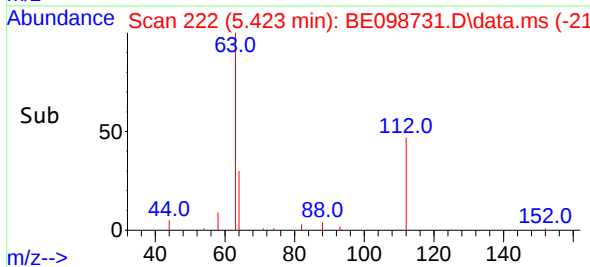
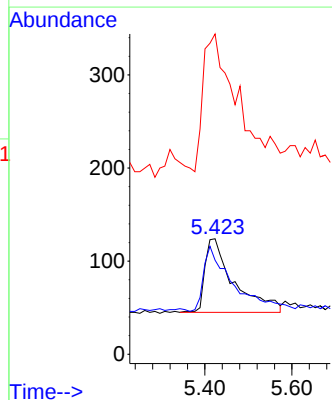
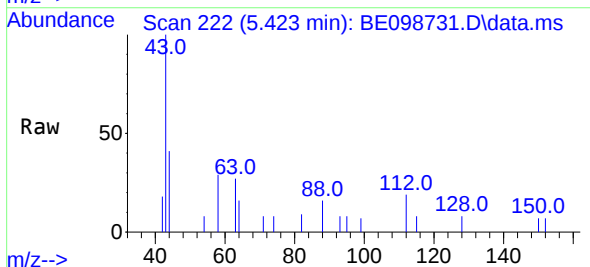
Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

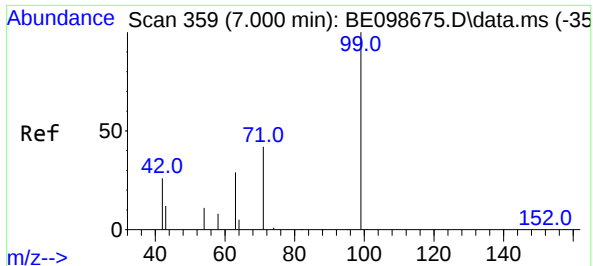
Tgt Ion: 42 Resp: 74
Ion Ratio Lower Upper
42 100
74 17.6 58.9 88.3#
44 52.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.423 min Scan# 222
Delta R.T. 0.024 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion: 112 Resp: 366
Ion Ratio Lower Upper
112 100
64 91.3 62.9 94.3
63 201.4 152.2 228.4

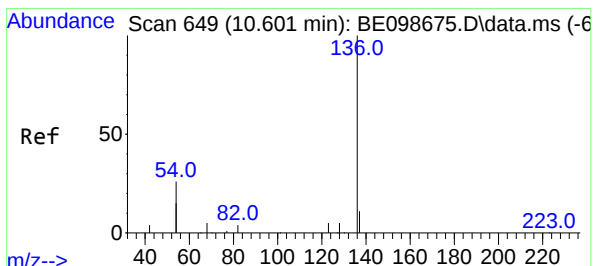
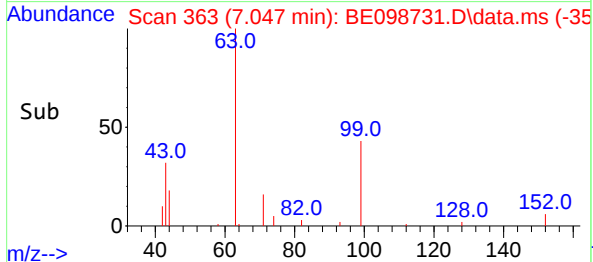
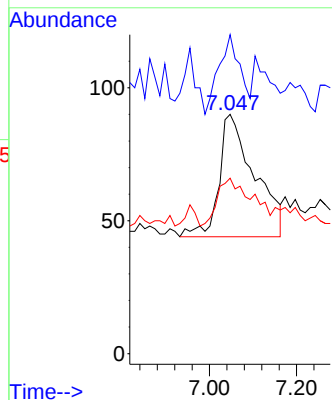
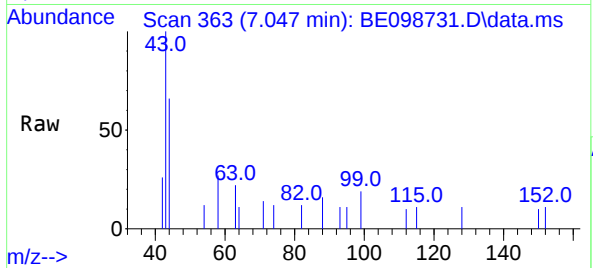




#5
Phenol-d6
Concen: 0.07 ng
RT: 7.047 min Scan# 363
Delta R.T. 0.047 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

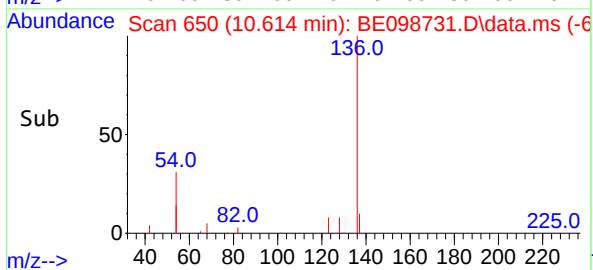
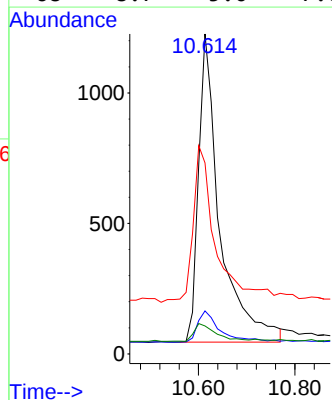
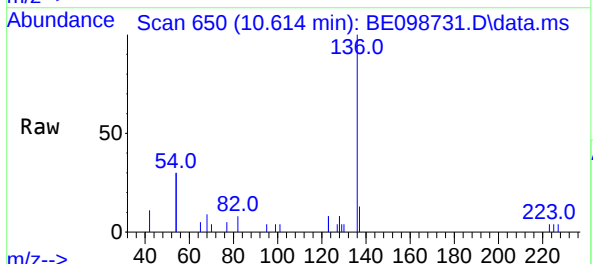
Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

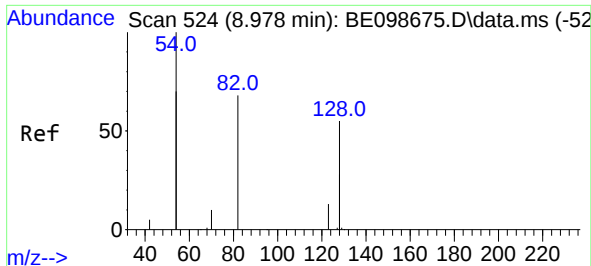
Tgt Ion: 99 Resp: 261
Ion Ratio Lower Upper
99 100
42 39.5 24.6 37.0#
71 37.9 35.1 52.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.012 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion: 136 Resp: 3642
Ion Ratio Lower Upper
136 100
137 13.5 9.7 14.5
54 59.7 35.5 53.3#
68 8.7 5.0 7.6#

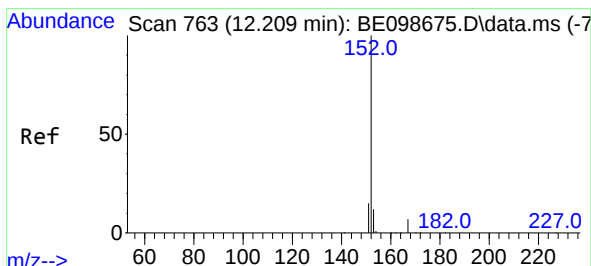
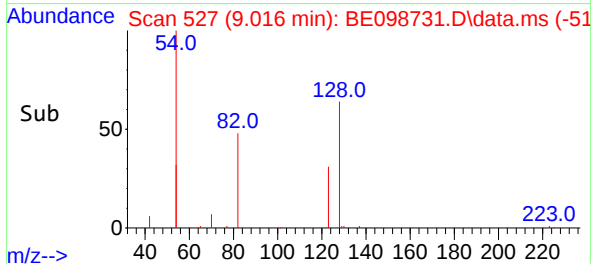
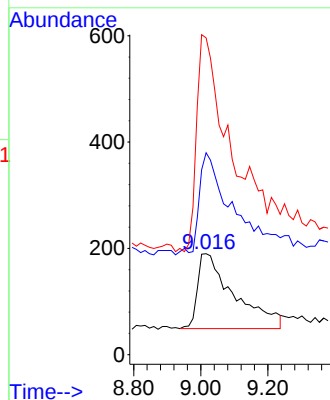
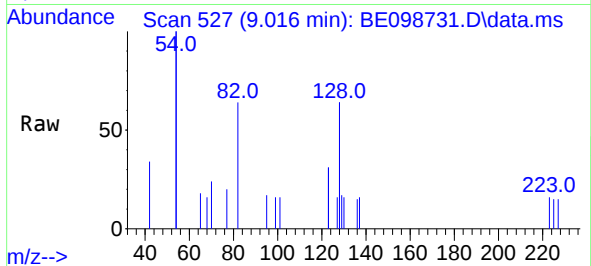




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

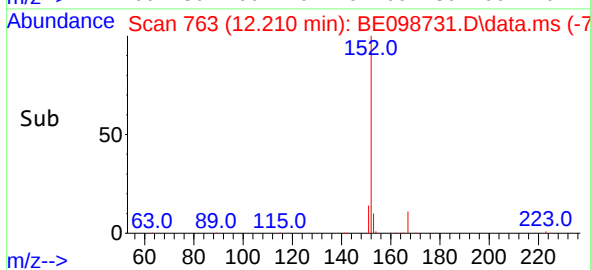
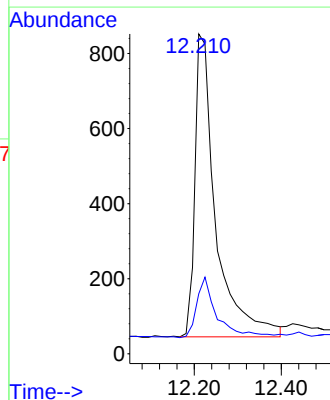
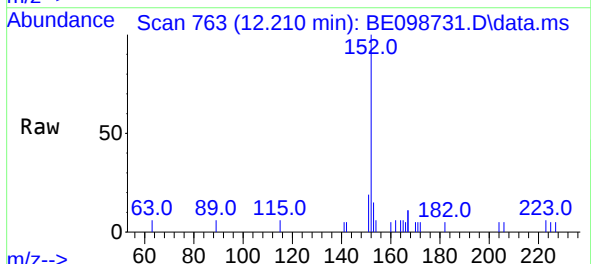
Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

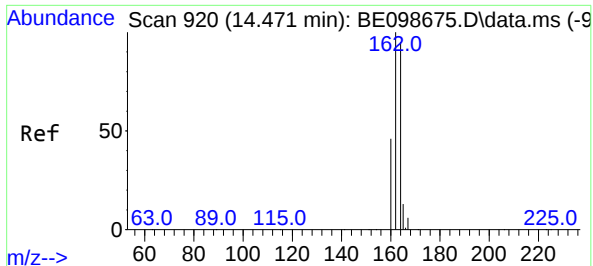
Tgt Ion: 82 Resp: 1076
Ion Ratio Lower Upper
82 100
128 200.0 96.5 144.7#
54 313.7 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.210 min Scan# 763
Delta R.T. 0.001 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion: 152 Resp: 2689
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4



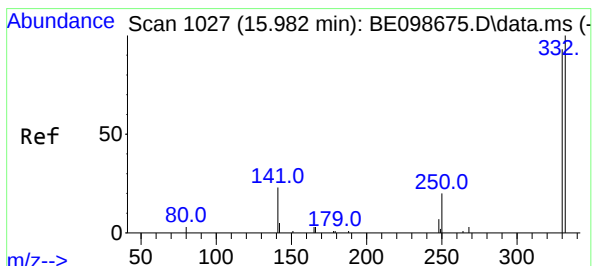
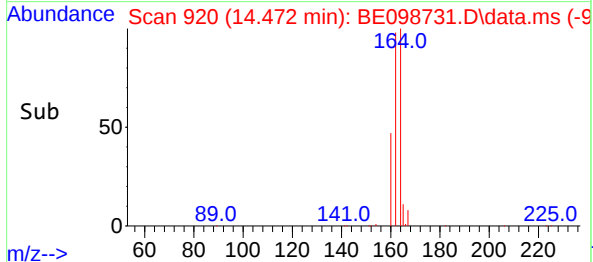
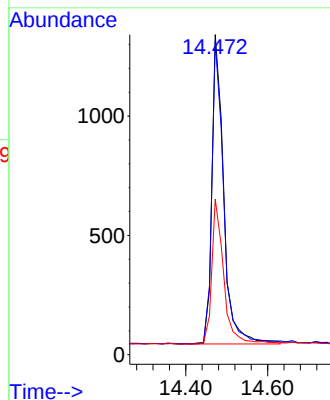
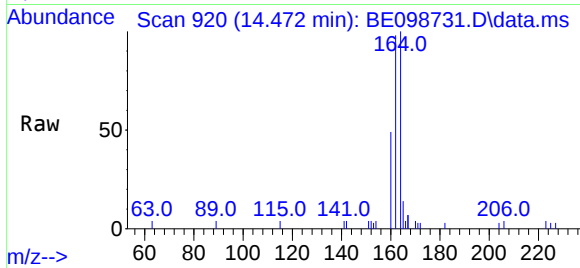


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:164 Resp: 2609

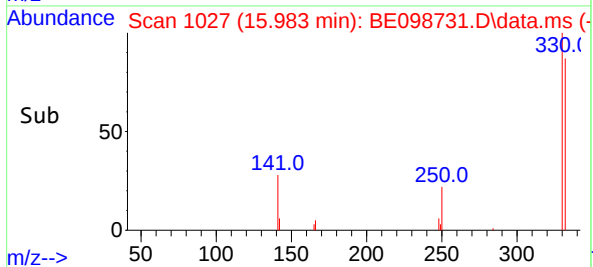
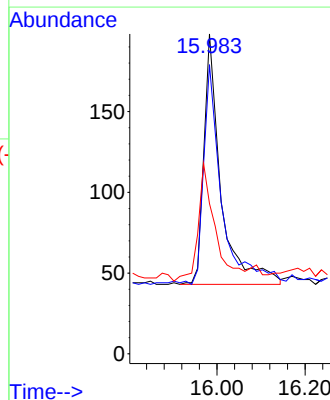
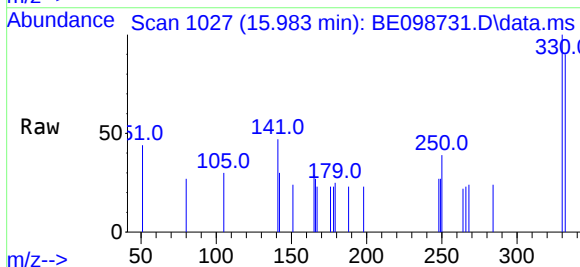
Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.5	120.7
160	48.6	40.1	60.1

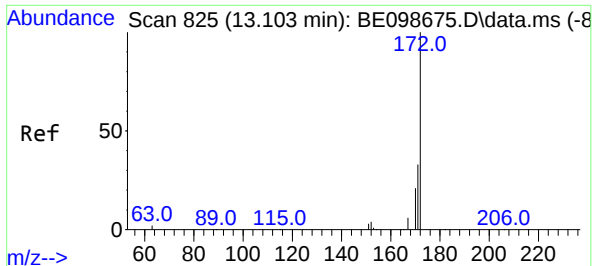


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion:330 Resp: 418

Ion	Ratio	Lower	Upper
330	100		
332	90.2	73.3	109.9
141	39.7	33.1	49.7

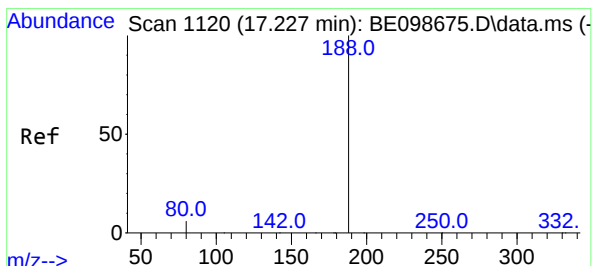
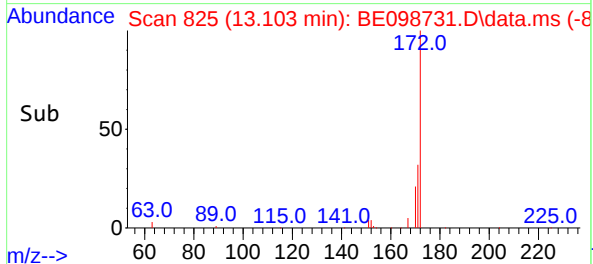
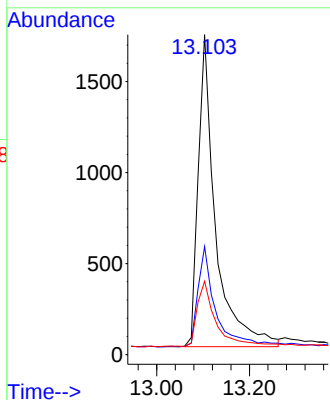
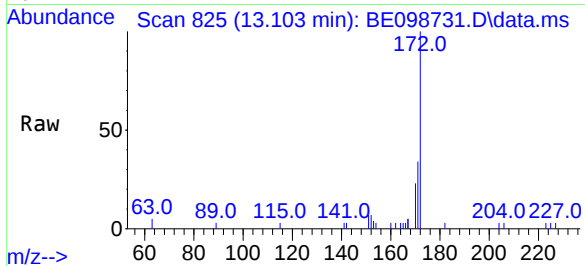




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.103 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

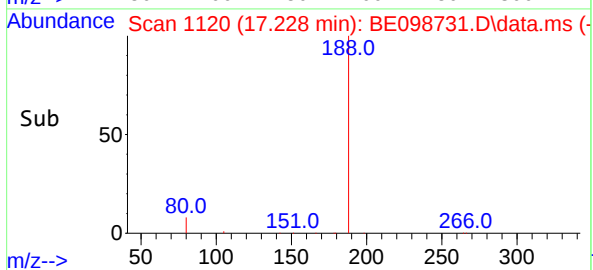
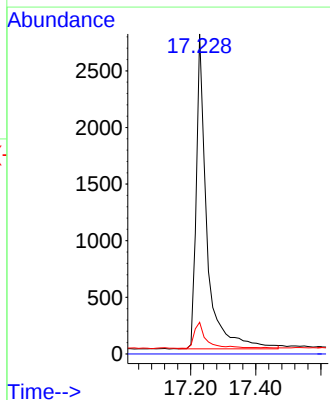
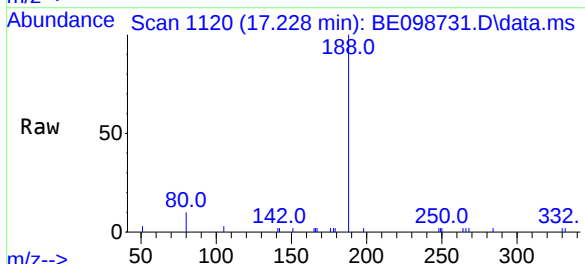
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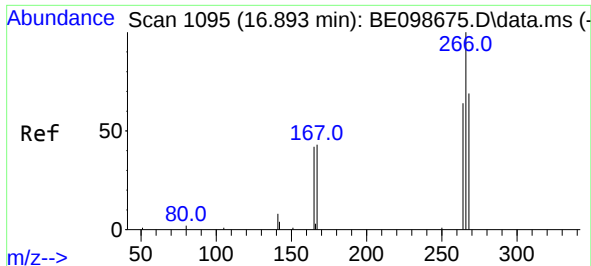
Tgt Ion:	172	Resp:	4455
Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	22.9	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion:	188	Resp:	6280
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	4.7	7.1#

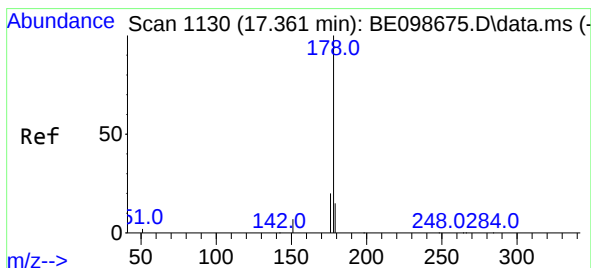
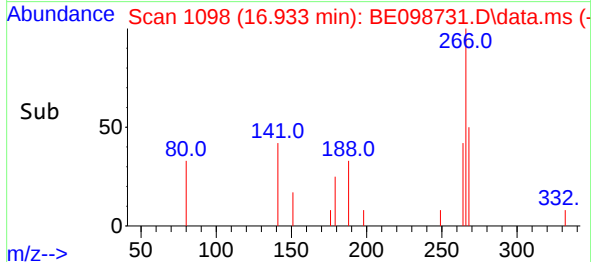
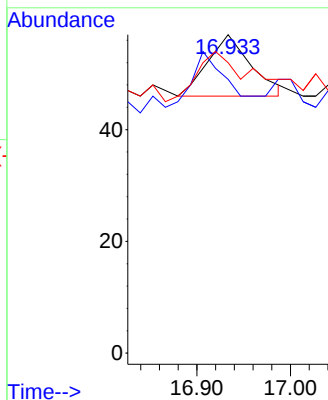
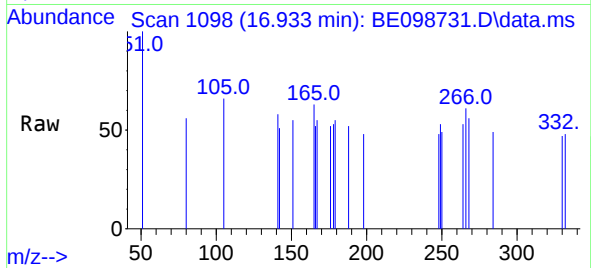




#22
Pentachlorophenol
Concen: 0.03 ng
RT: 16.933 min Scan# 1098
Delta R.T. 0.040 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

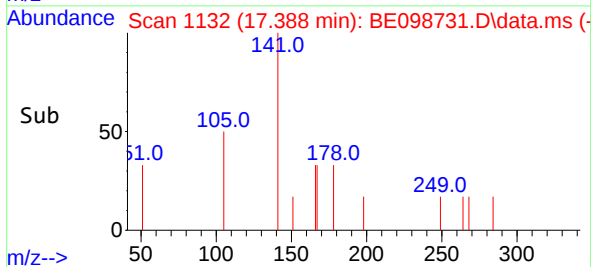
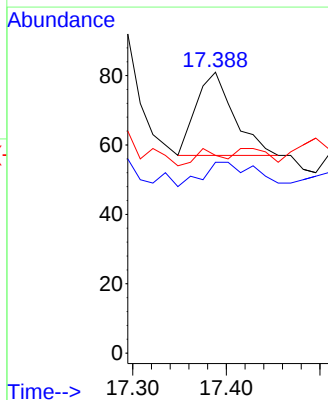
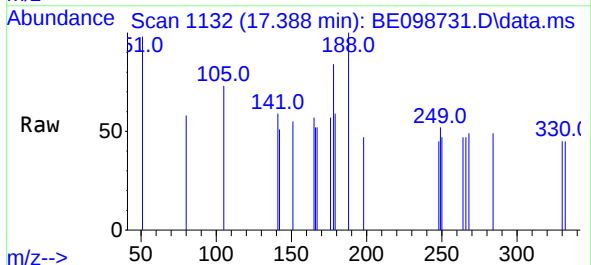
Instrument :
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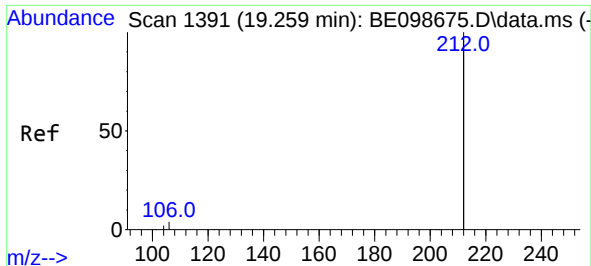
Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
264 86.0 53.7 80.5#
268 91.2 59.8 89.8#



#24
Anthracene
Concen: 0.07 ng
RT: 17.388 min Scan# 1132
Delta R.T. 0.027 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion:178 Resp: 67
Ion Ratio Lower Upper
178 100
176 40.3 14.9 22.3#
179 13.4 11.8 17.8

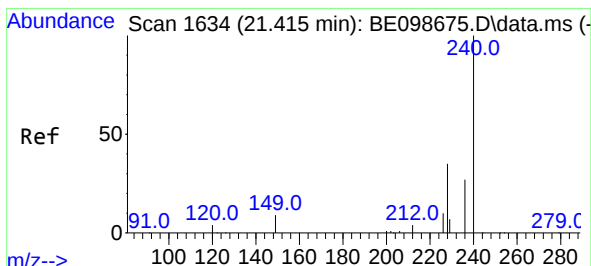
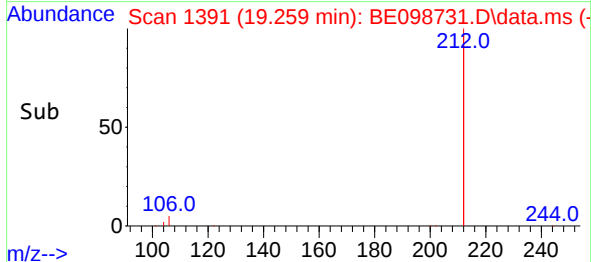
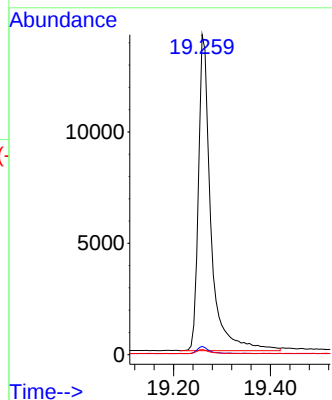
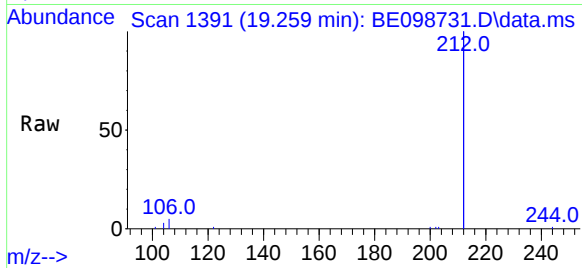




#25
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.259 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

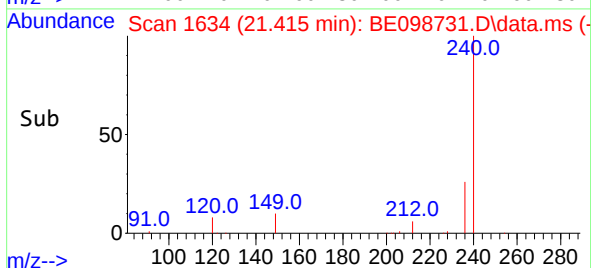
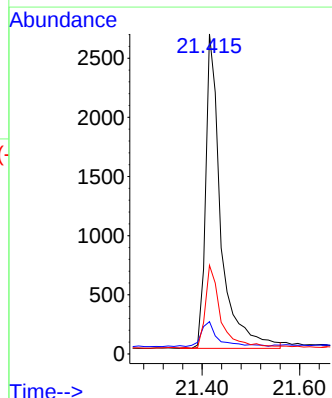
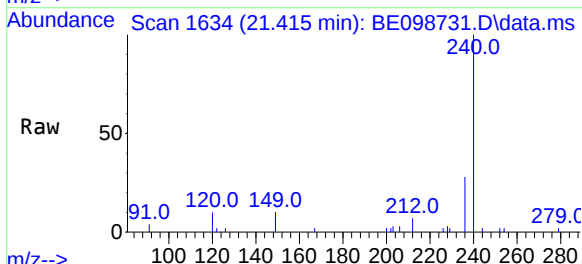
Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

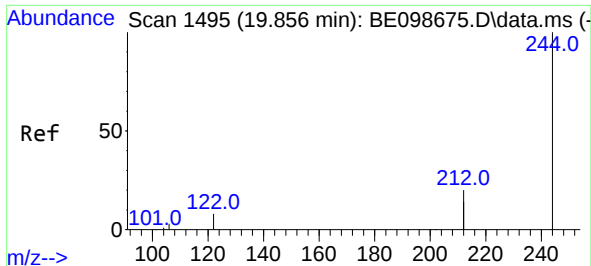
Tgt Ion:	212	Resp:	25238
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.7	2.5
104	1.3	1.0	1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion:	240	Resp:	5781
Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.7	7.1#
236	27.7	21.9	32.9



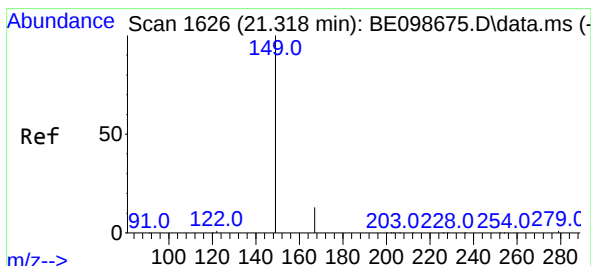
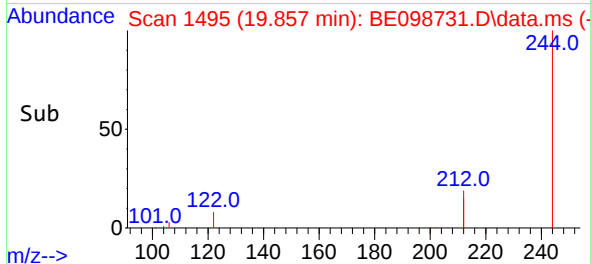
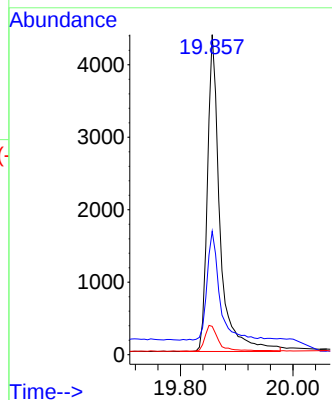
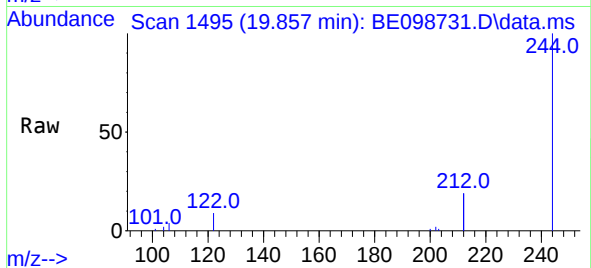


#29
Terphenyl-d14
Concen: 0.47 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:244 Resp: 6758

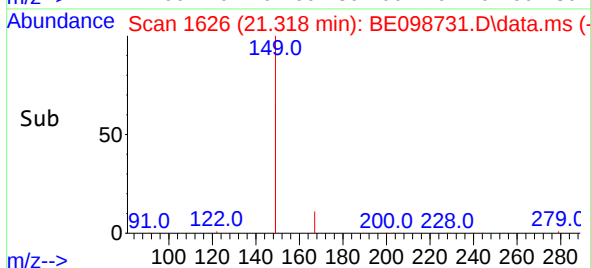
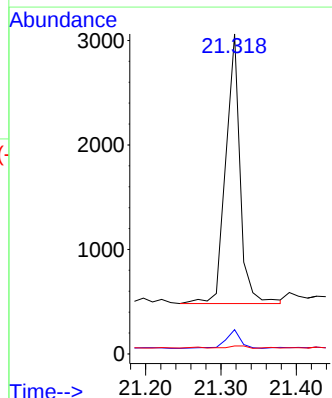
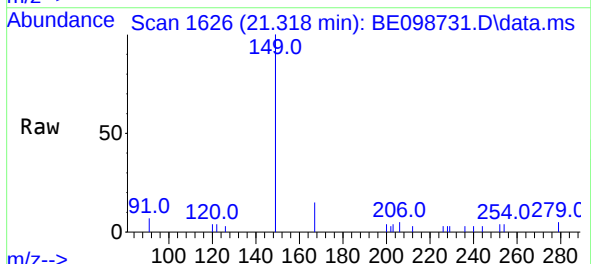
Ion	Ratio	Lower	Upper
244	100		
212	38.5	29.4	44.2
122	8.9	7.1	10.7

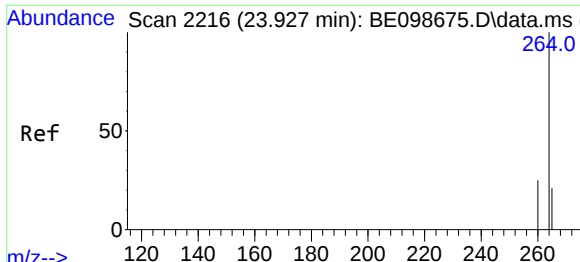


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.318 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Tgt Ion:149 Resp: 3419

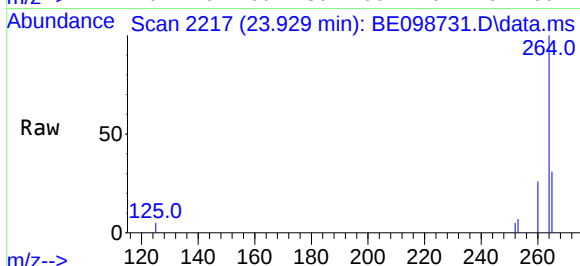
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	0.9	1.0	1.4





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.929 min Scan# 2217
Delta R.T. 0.002 min
Lab File: BE098731.D
Acq: 13 Feb 2019 17:25

Instrument :
BNA_E
ClientSampleId :
M2-T0-02-INF(PRE-GAC)



Tgt Ion:264 Resp: 4698

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	31.5	22.3	33.5

