

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022719\
 Data File : BE098774.D
 Acq On : 27 Feb 2019 12:48
 Operator : JU/SJ
 Sample : PB117364BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117364BL

Quant Time: Feb 27 17:13:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 26 15:44:42 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

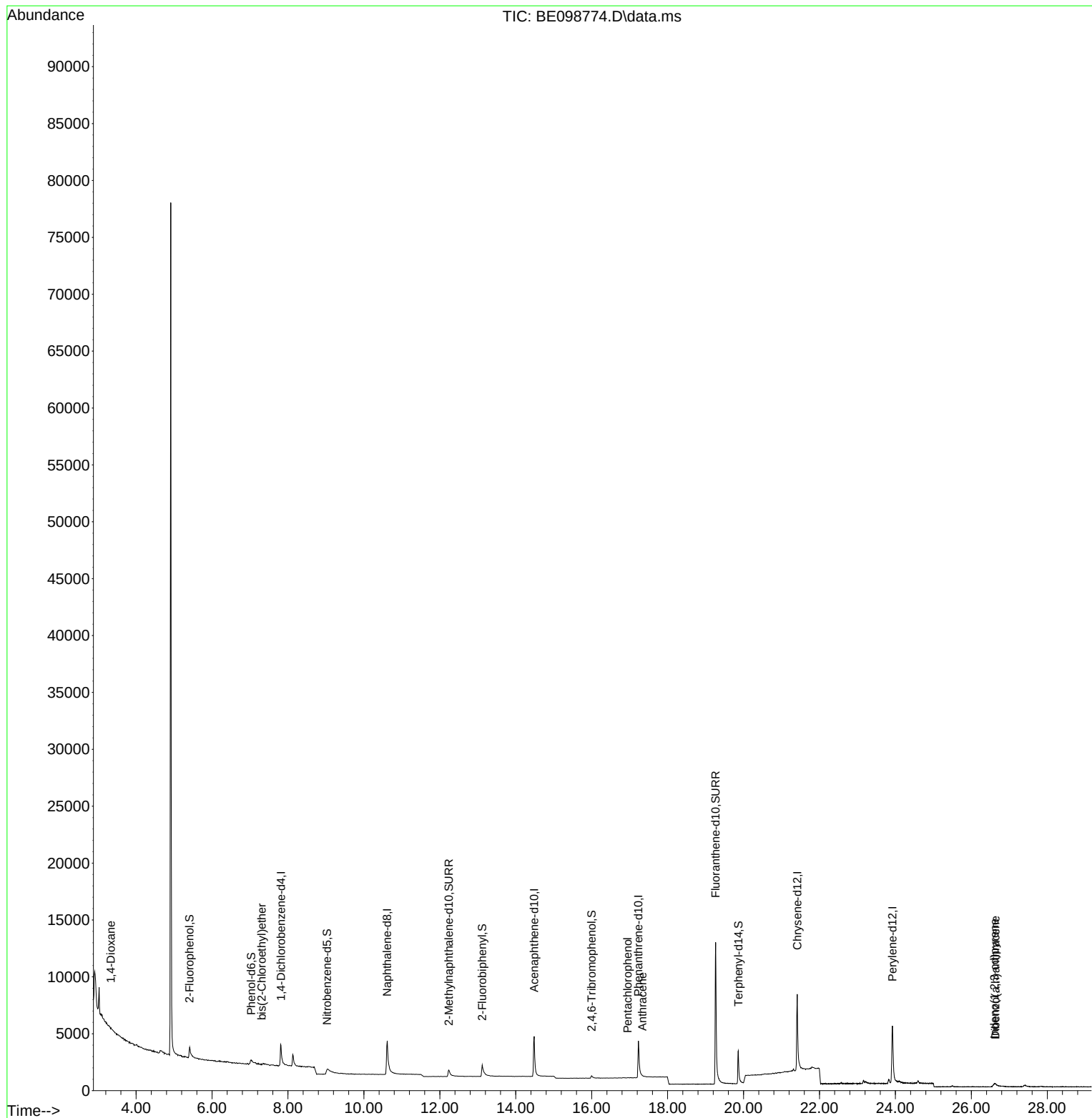
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	1473	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	5801	0.40	ng	0.01
13) Acenaphthene-d10	14.486	164	3541	0.40	ng	0.01
19) Phenanthrene-d10	17.229	188	8387	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	10561	0.40	ng	0.00
34) Perylene-d12	23.920	264	9743	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	917	0.24	ng	0.00
5) Phenol-d6	7.033	99	1092	0.19	ng	0.04
8) Nitrobenzene-d5	9.030	82	813	0.19	ng	0.05
11) 2-Methylnaphthalene-d10	12.238	152	1992	0.18	ng	0.03
14) 2,4,6-Tribromophenol	15.997	330	249	0.22	ng	0.02
15) 2-Fluorobiphenyl	13.117	172	2465	0.16	ng	0.03
25) Fluoranthene-d10	19.264	212	25039	0.21	ng	0.01
29) Terphenyl-d14	19.862	244	4225	0.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.336	88	52	0.02	ng	# 21
6) bis(2-Chloroethyl)ether	7.310	93	19	0.07	ng	# 1
22) Pentachlorophenol	16.948	266	9	0.21	ng	# 66
24) Anthracene	17.336	178	6	0.08	ng	# 1
33) Indeno(1,2,3-cd)pyrene	26.611	276	429	0.10	ng	# 56
38) Dibenzo(a,h)anthracene	26.633	278	528	0.16	ng	# 37

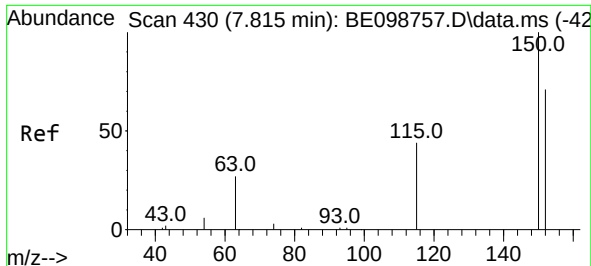
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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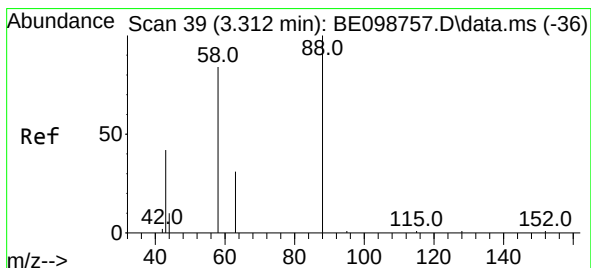
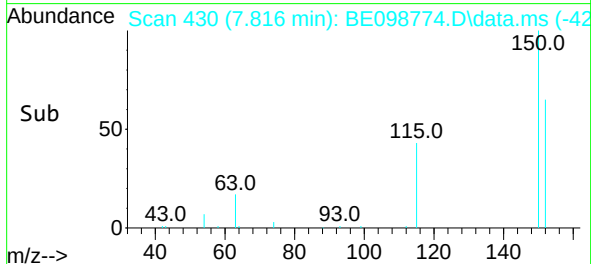
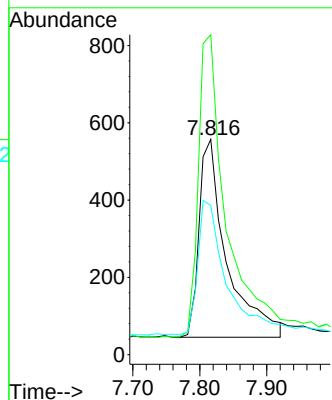
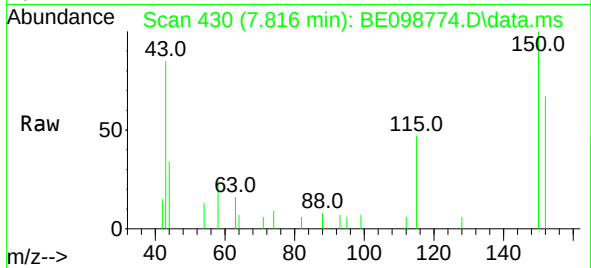




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.816 min Scan# 430
 Delta R.T. 0.001 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48

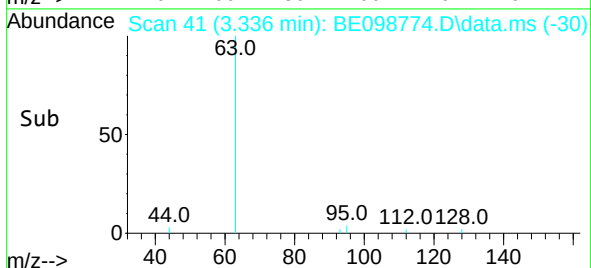
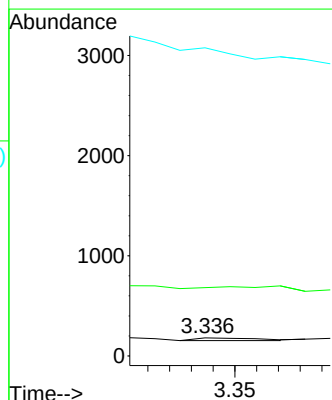
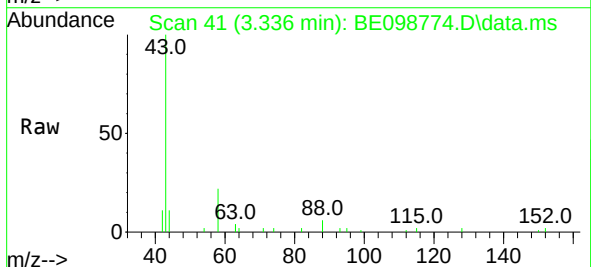
Instrument :
 BNA_E
 ClientSampleID :
 PB117364BL

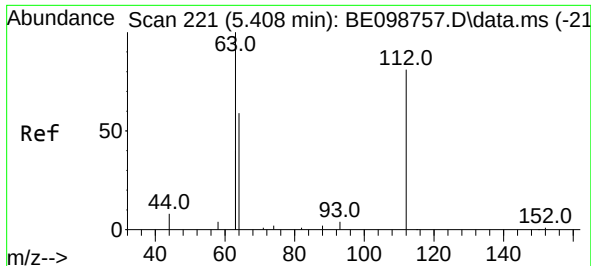
Tgt Ion:152 Resp: 1473
 Ion Ratio Lower Upper
 152 100
 150 148.7 121.4 182.2
 115 69.3 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.336 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48

Tgt Ion: 88 Resp: 52
 Ion Ratio Lower Upper
 88 100
 58 15.4 73.9 110.9#
 43 0.0 43.7 65.5#

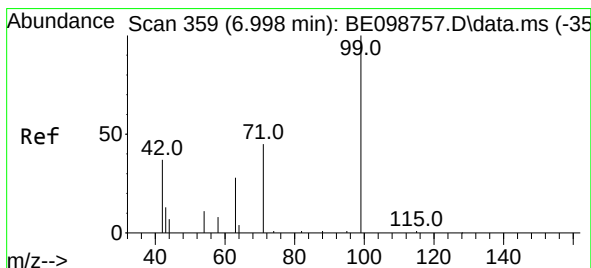
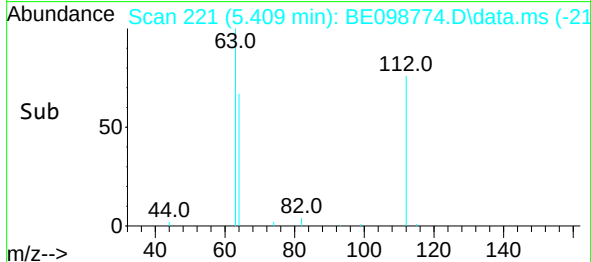
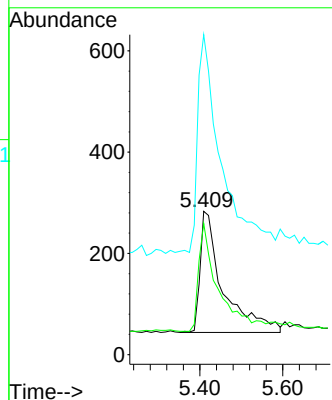
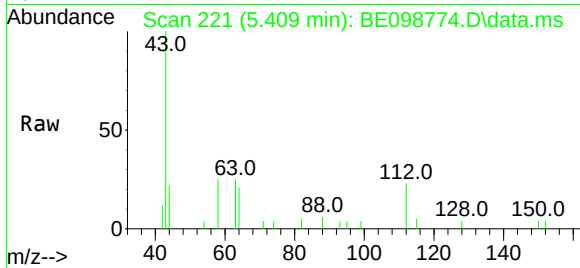




#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.001 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

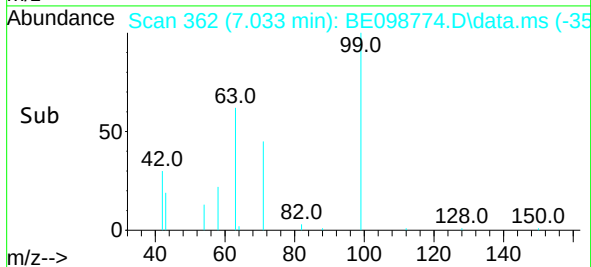
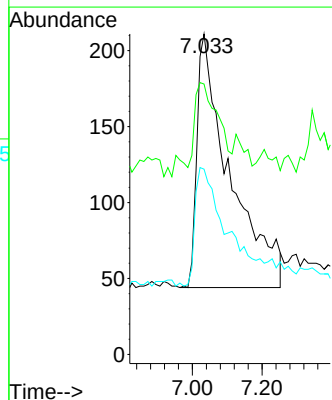
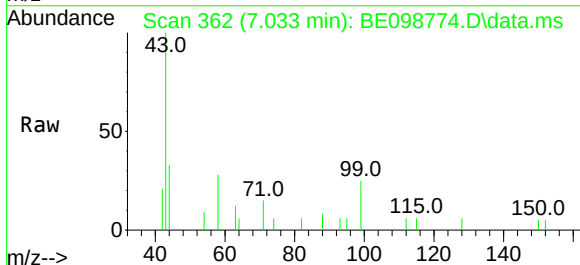
Instrument :
BNA_E
ClientSampleId :
PB117364BL

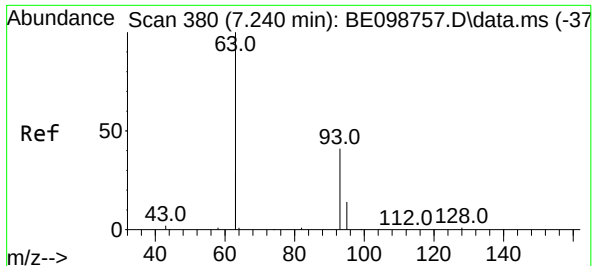
Tgt Ion:112 Resp: 917
Ion Ratio Lower Upper
112 100
64 78.2 62.9 94.3
63 185.8 152.2 228.4



#5
Phenol-d6
Concen: 0.19 ng
RT: 7.033 min Scan# 362
Delta R.T. 0.035 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion: 99 Resp: 1092
Ion Ratio Lower Upper
99 100
42 26.3 24.6 37.0
71 49.1 35.1 52.7

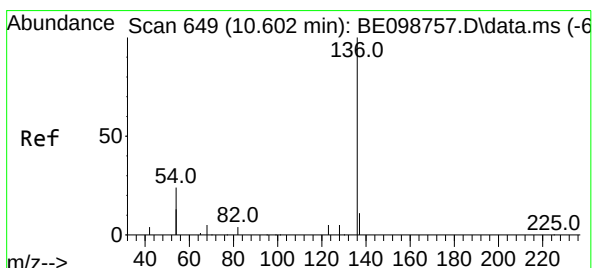
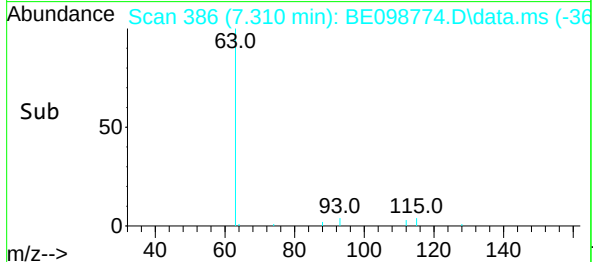
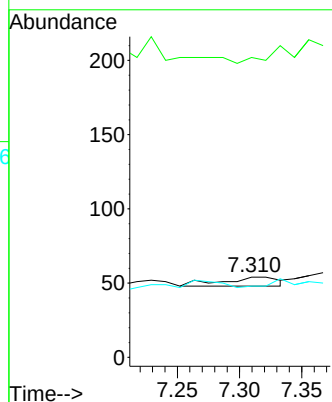
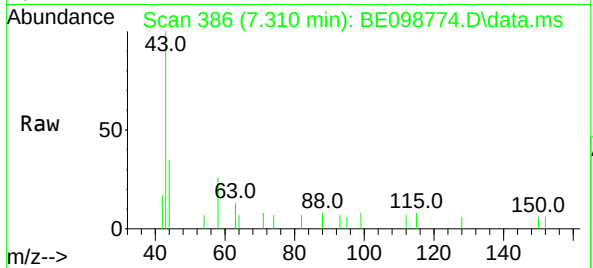




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.310 min Scan# 386
Delta R.T. 0.070 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

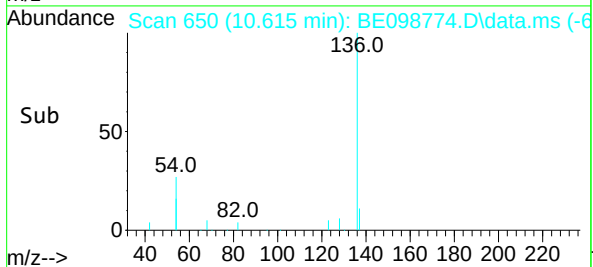
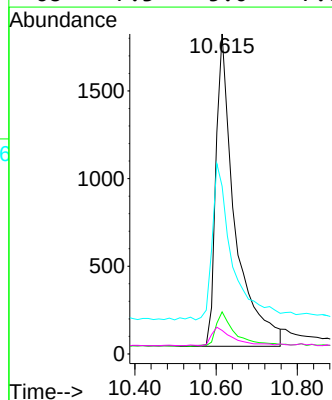
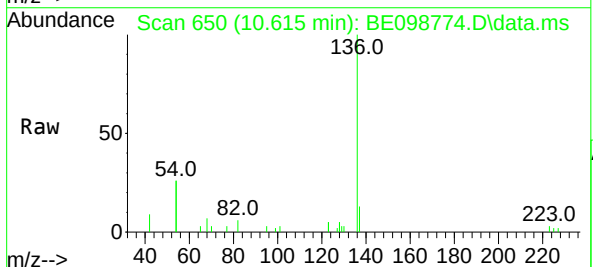
Instrument :
BNA_E
ClientSampled :
PB117364BL

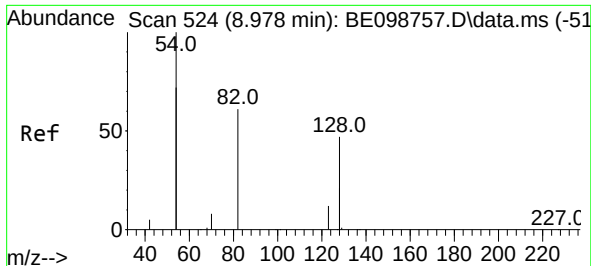
Tgt Ion: 93 Resp: 19
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 0.0 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion: 136 Resp: 5801
Ion Ratio Lower Upper
136 100
137 13.2 9.7 14.5
54 52.4 35.5 53.3
68 7.3 5.0 7.6

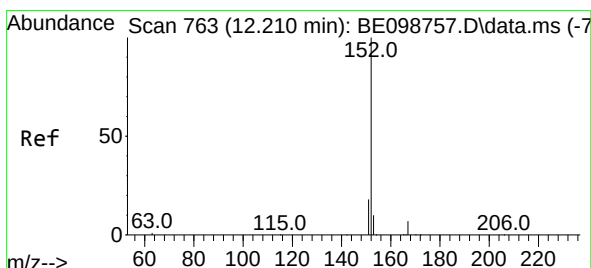
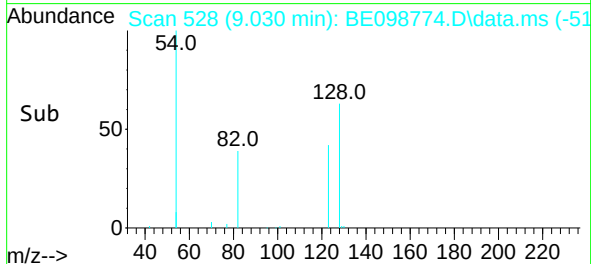
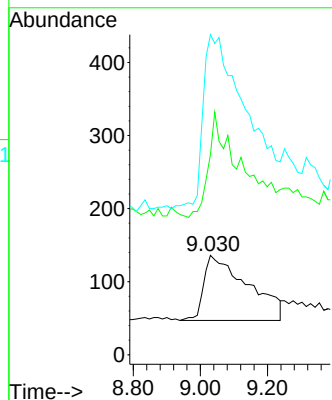
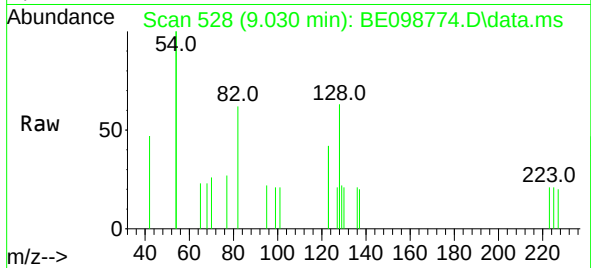




#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 9.030 min Scan# 528
Delta R.T. 0.052 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

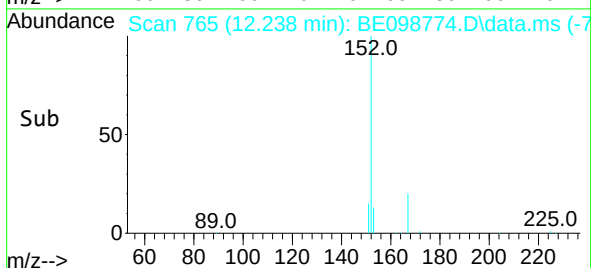
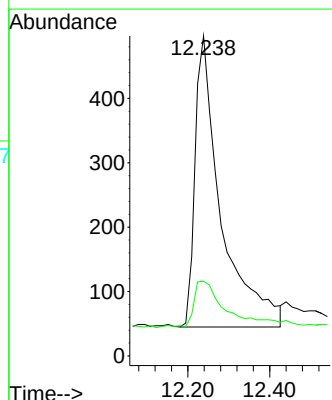
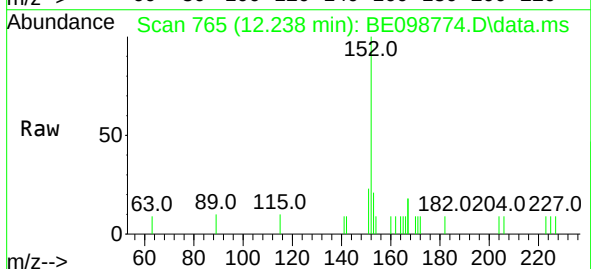
Instrument :
BNA_E
ClientSampleID :
PB117364BL

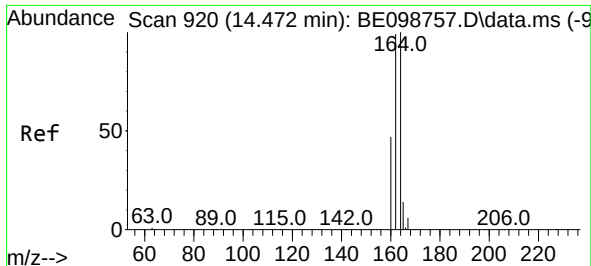
Tgt Ion: 82 Resp: 813
Ion Ratio Lower Upper
82 100
128 201.5 96.5 144.7#
54 322.1 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 12.238 min Scan# 765
Delta R.T. 0.028 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion: 152 Resp: 1992
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.4

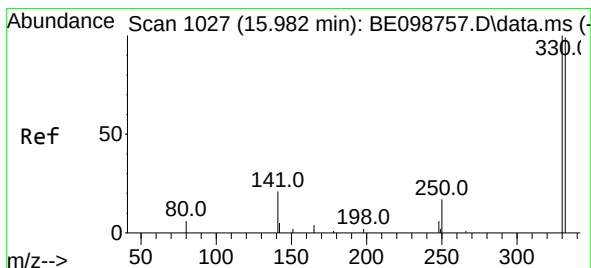
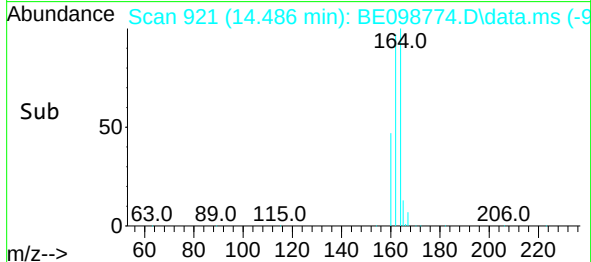
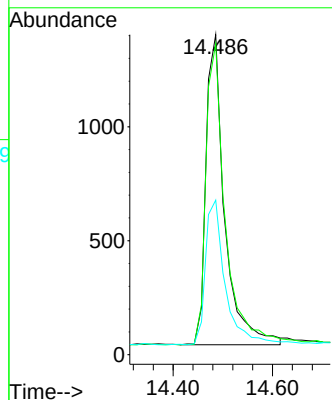
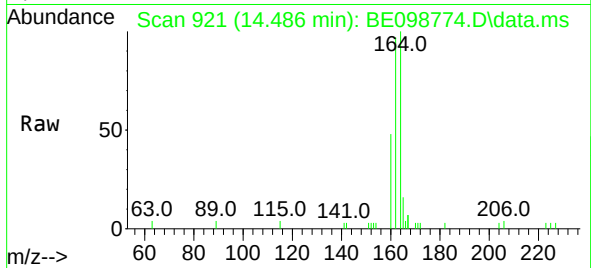




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

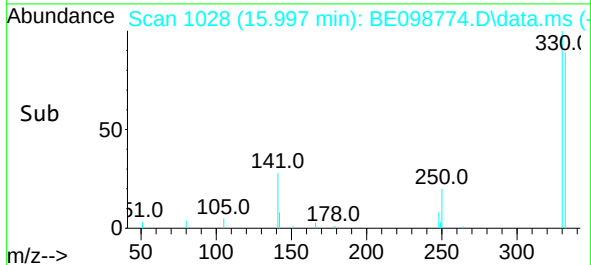
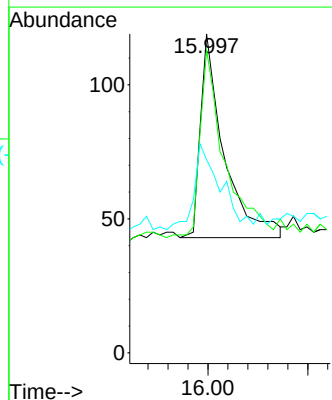
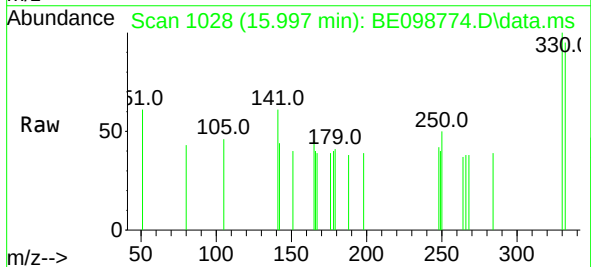
Instrument :
BNA_E
ClientSampleId :
PB117364BL

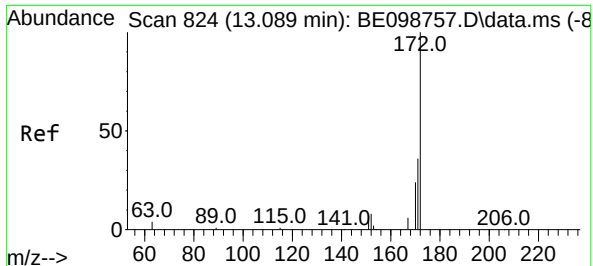
Tgt Ion:164	Resp:	3541
Ion	Ratio	Lower Upper
164	100	
162	97.2	80.5 120.7
160	48.3	40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.997 min Scan# 1028
Delta R.T. 0.015 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion:330	Resp:	249
Ion	Ratio	Lower Upper
330	100	
332	91.2	73.3 109.9
141	39.4	33.1 49.7

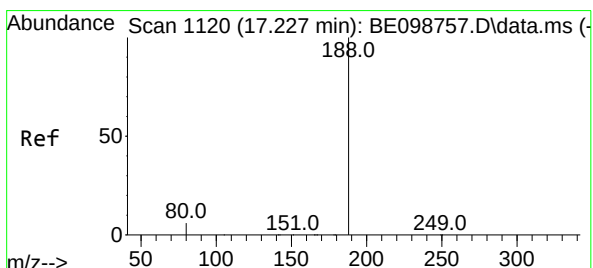
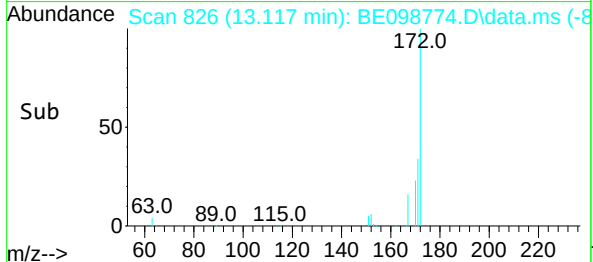
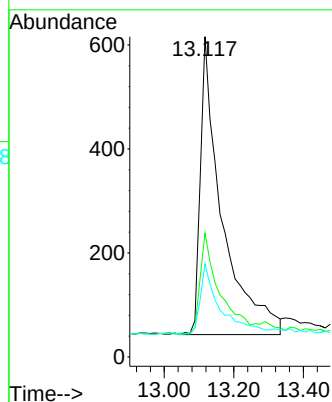
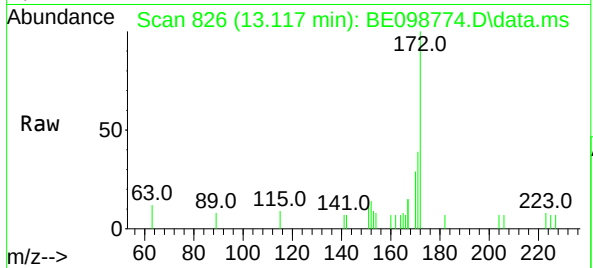




#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 13.117 min Scan# 826
Delta R.T. 0.028 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

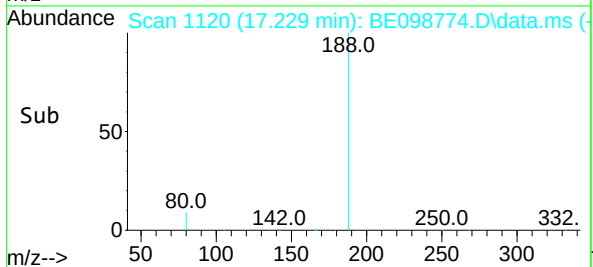
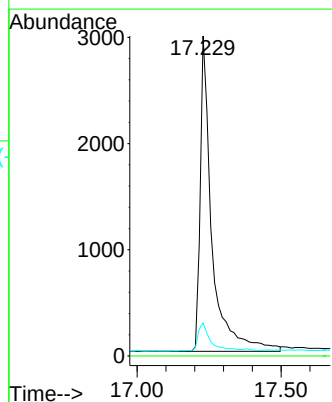
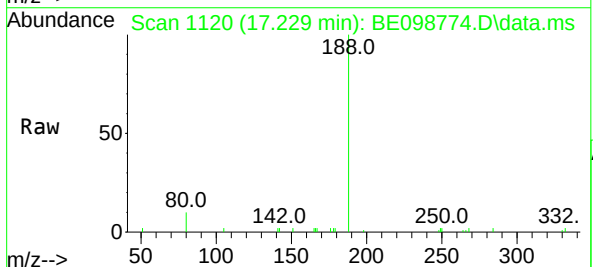
Instrument :
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ClientSampleId :
PB117364BL

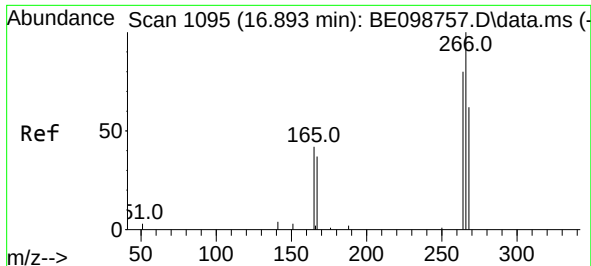
Tgt Ion:172	Resp:	2465
Ion	Ratio	Lower Upper
172	100	
171	38.6	29.0 43.4
170	29.1	20.8 31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion:188	Resp:	8387
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	10.3	4.7 7.1#

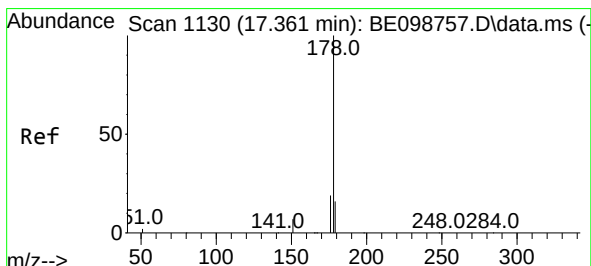
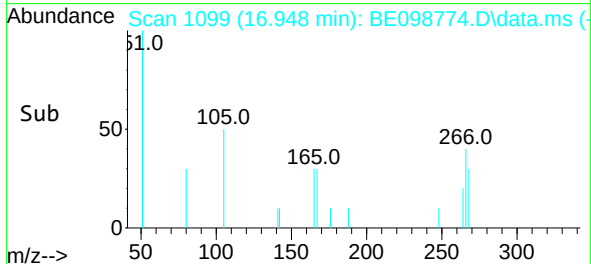
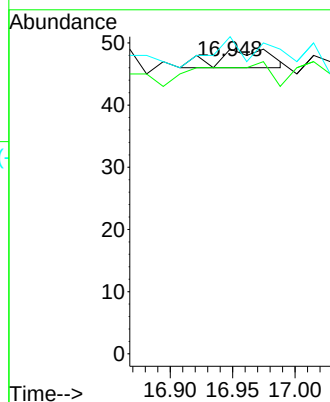
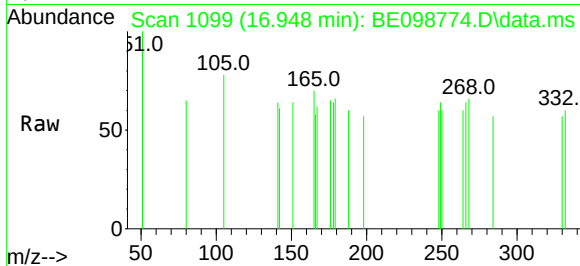




#22
 Pentachlorophenol
 Concen: 0.21 ng
 RT: 16.948 min Scan# 1099
 Delta R.T. 0.055 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48

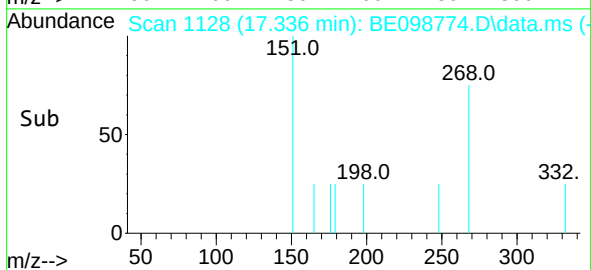
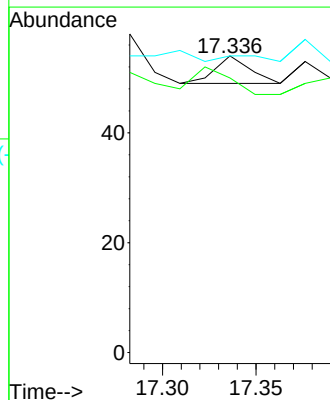
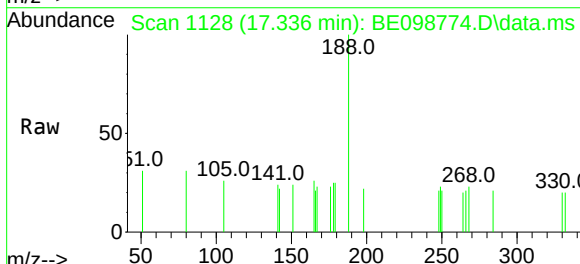
Instrument :
 BNA_E
 ClientSampleId :
 PB117364BL

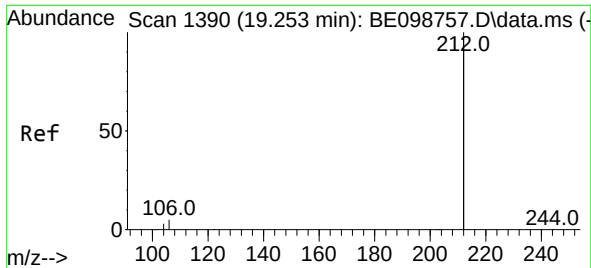
Tgt Ion:	266	Resp:	9
Ion Ratio	Lower	Upper	
266	100		
264	93.9	53.7	80.5#
268	104.1	59.8	89.8#



#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.336 min Scan# 1128
 Delta R.T. -0.025 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48

Tgt Ion:	178	Resp:	6
Ion Ratio	Lower	Upper	
178	100		
176	100.0	14.9	22.3#
179	0.0	11.8	17.8#

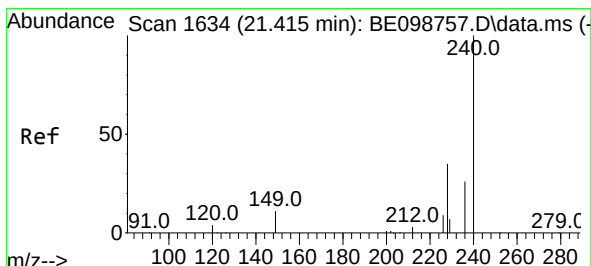
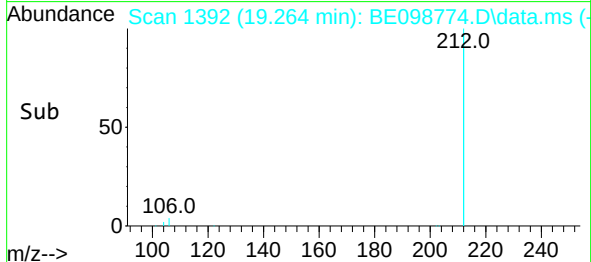
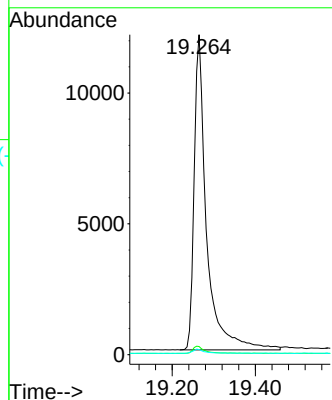
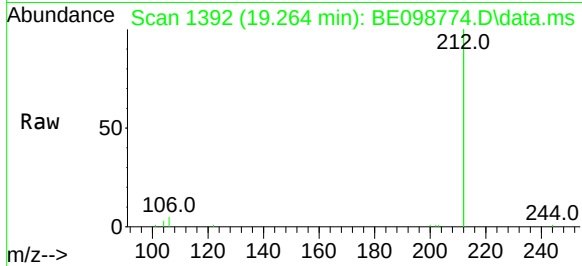




#25
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.264 min Scan# 1392
Delta R.T. 0.011 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

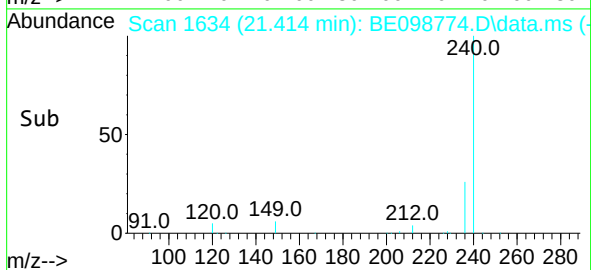
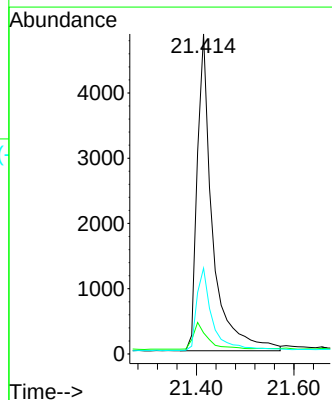
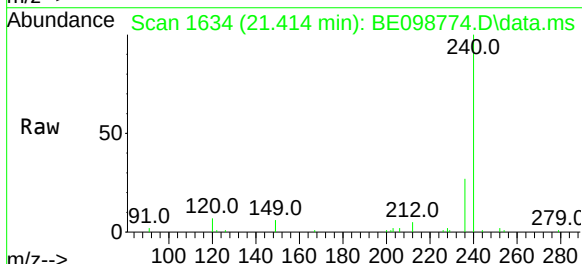
Instrument :
BNA_E
ClientSampleId :
PB117364BL

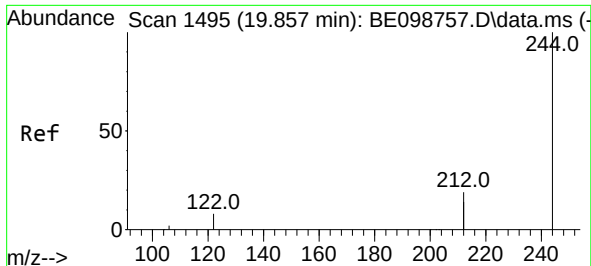
Tgt Ion:212 Resp: 25039
Ion Ratio Lower Upper
212 100
106 2.1 1.7 2.5
104 1.3 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

Tgt Ion:240 Resp: 10561
Ion Ratio Lower Upper
240 100
120 6.6 4.7 7.1
236 26.8 21.9 32.9

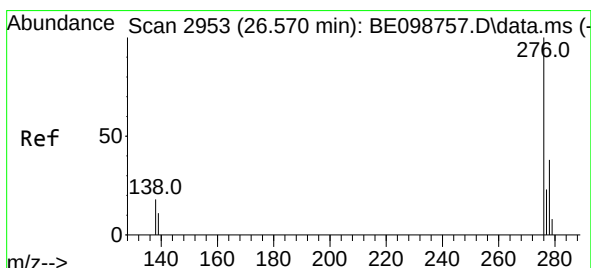
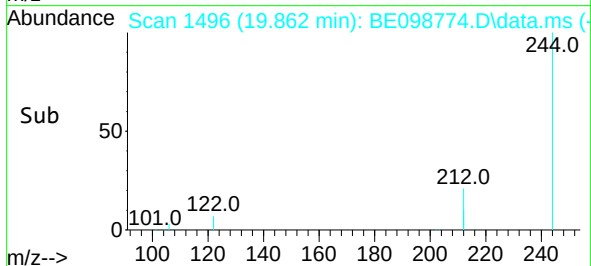
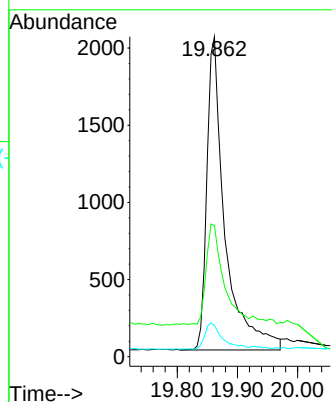
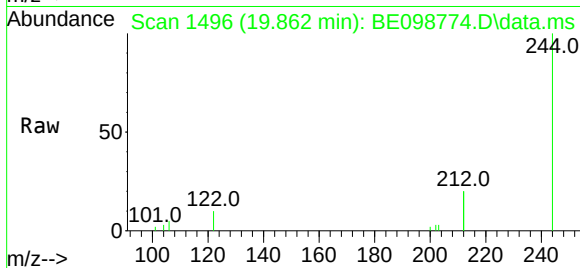




#29
Terphenyl-d14
Concen: 0.16 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.005 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

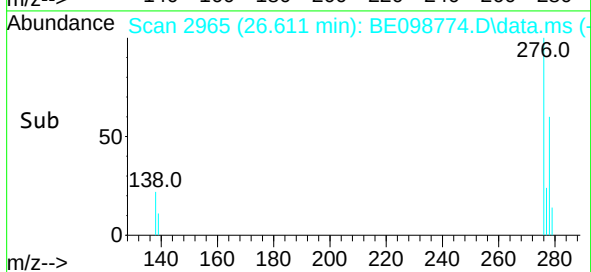
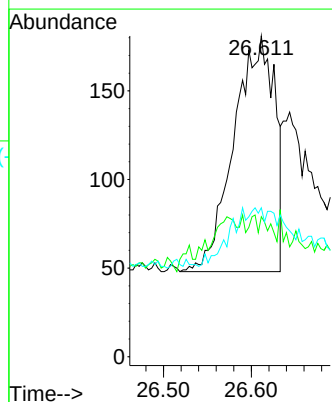
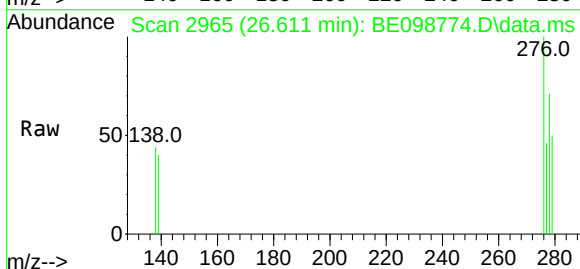
Instrument :
BNA_E
ClientSampleId :
PB117364BL

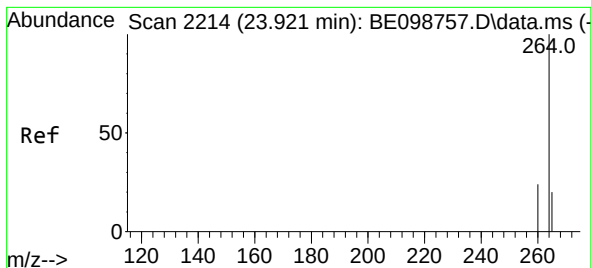
Tgt Ion:244 Resp: 4225
Ion Ratio Lower Upper
244 100
212 41.0 29.4 44.2
122 9.7 7.1 10.7



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.611 min Scan# 2965
Delta R.T. 0.041 min
Lab File: BE098774.D
Acq: 27 Feb 2019 12:48

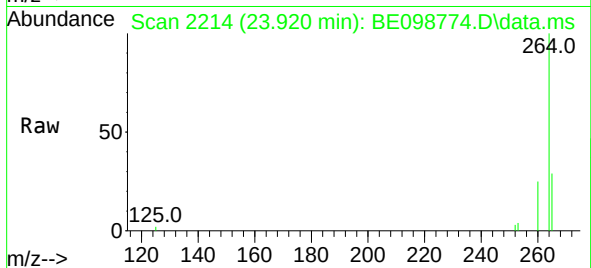
Tgt Ion:276 Resp: 429
Ion Ratio Lower Upper
276 100
138 0.9 13.3 19.9#
277 0.0 19.4 29.0#





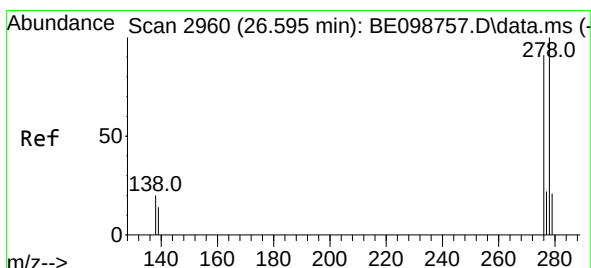
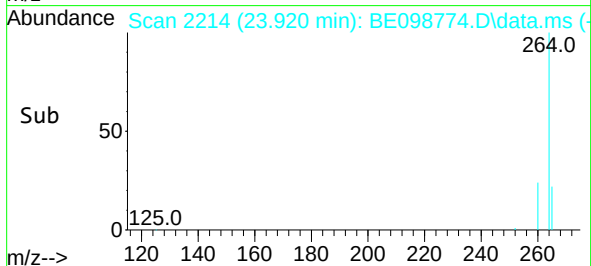
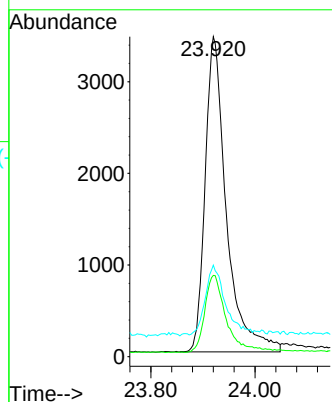
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.920 min Scan# 2214
 Delta R.T. -0.001 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48

Instrument :
 BNA_E
 ClientSampleId :
 PB117364BL

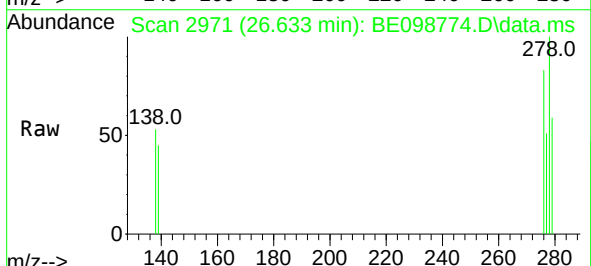


Tgt Ion:264 Resp: 9743

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	28.6	22.3	33.5



#38
 Dibenzo(a,h)anthracene
 Concen: 0.16 ng
 RT: 26.633 min Scan# 2971
 Delta R.T. 0.038 min
 Lab File: BE098774.D
 Acq: 27 Feb 2019 12:48



Tgt Ion:278 Resp: 528

Ion	Ratio	Lower	Upper
278	100		
139	44.6	12.7	19.1#
279	59.2	22.0	33.0#

