

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016944.D
 Acq On : 14 Oct 2021 01:18
 Operator : CG/JU
 Sample : M4063-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 14 02:11:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

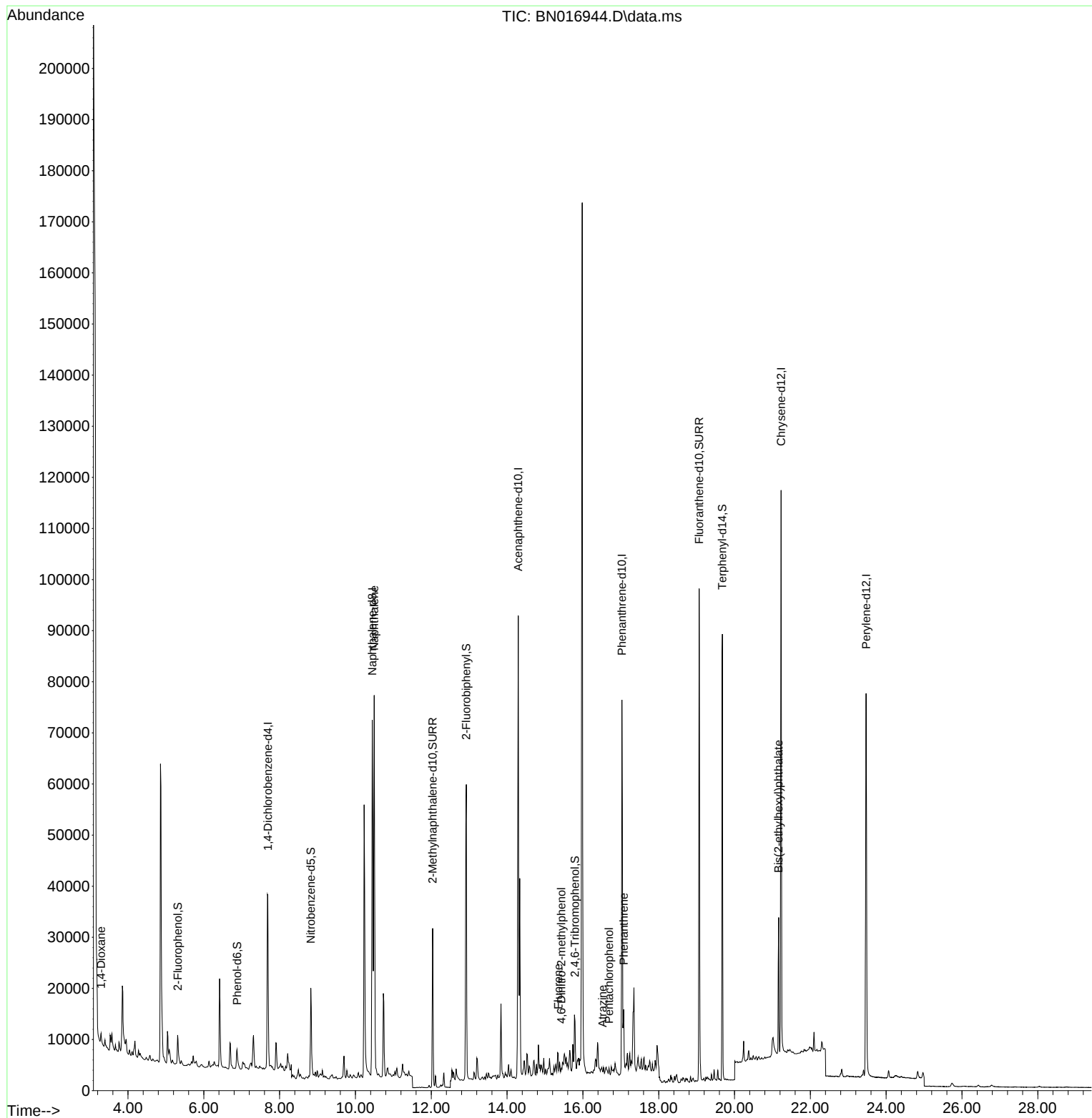
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20611	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	94271	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	51912	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	99530	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	99544	0.400	ng	# 0.00
35) Perylene-d12	23.470	264	99971	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	6489	0.139	ng	0.02
5) Phenol-d6	6.877	99	4229	0.081	ng	0.00
8) Nitrobenzene-d5	8.822	82	16301	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	41761	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8604	0.366	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	53640	0.273	ng	0.00
27) Fluoranthene-d10	19.068	212	107607	0.430	ng	0.00
31) Terphenyl-d14	19.678	244	87495	0.400	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	465	0.034	ng	# 46
9) Naphthalene	10.495	128	89017	0.364	ng	99
18) Fluorene	15.347	166	3731	0.022	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.436	198	34	0.200	ng	# 1
23) Atrazine	16.518	200	257	0.095	ng	# 23
24) Pentachlorophenol	16.689	266	356	0.209	ng	98
25) Phenanthrene	17.078	178	14018	0.049	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.163	149	24006	0.317	ng	99

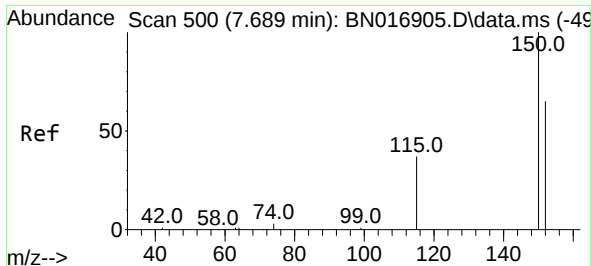
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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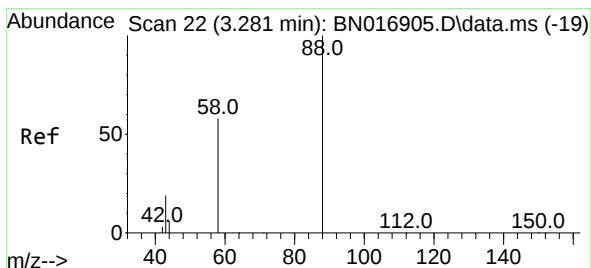
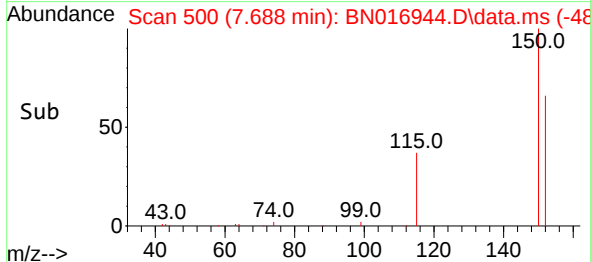
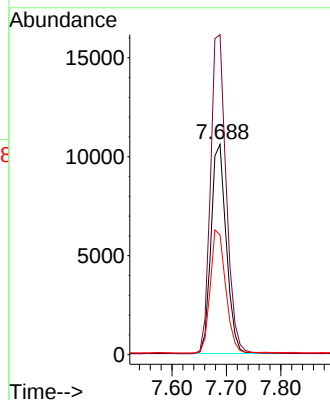
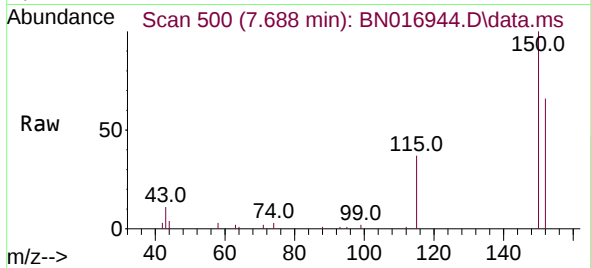




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

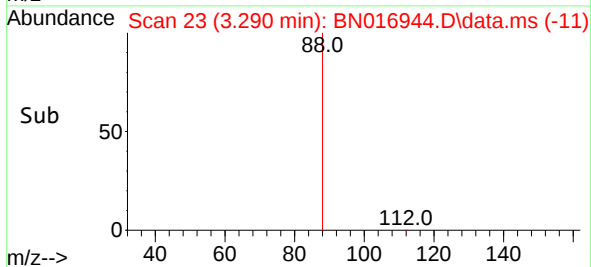
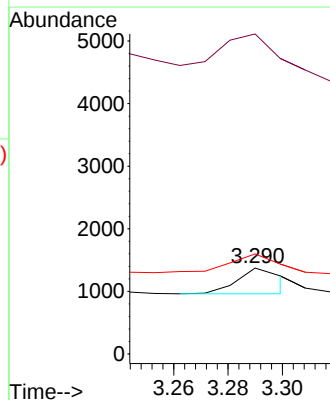
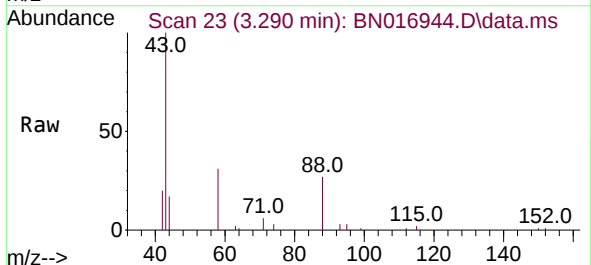
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

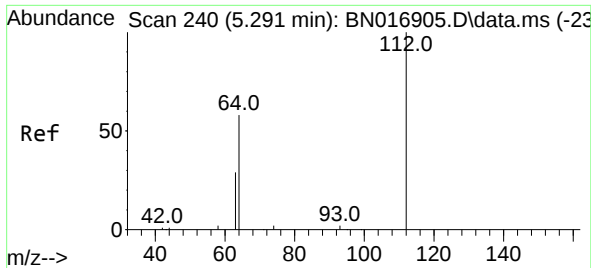
Tgt Ion:152 Resp: 20611
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.6 183.8
 115 56.9 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

Tgt Ion: 88 Resp: 465
 Ion Ratio Lower Upper
 88 100
 43 128.6 24.3 36.5#
 58 75.1 65.2 97.8

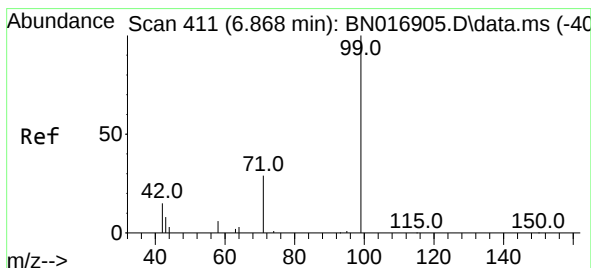
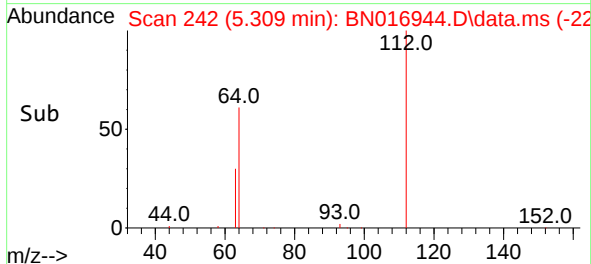
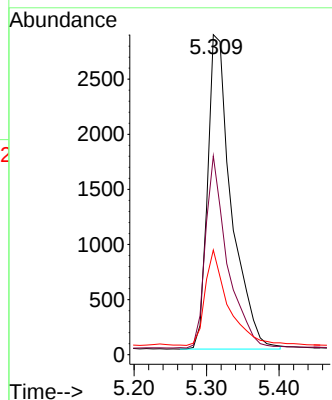
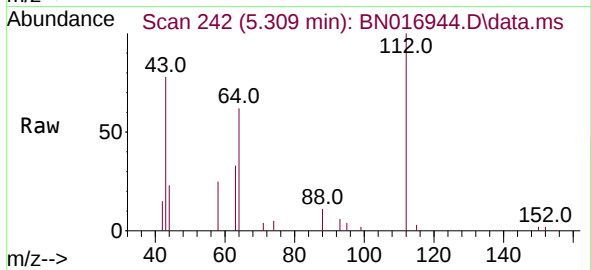




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

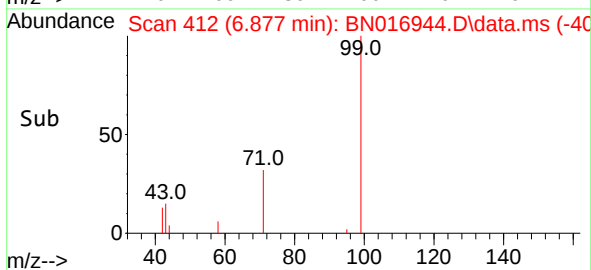
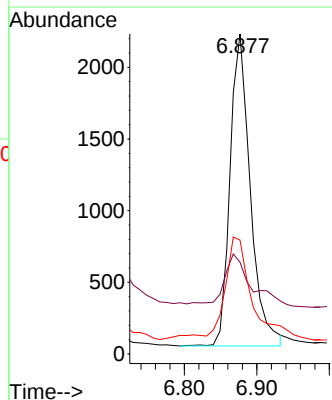
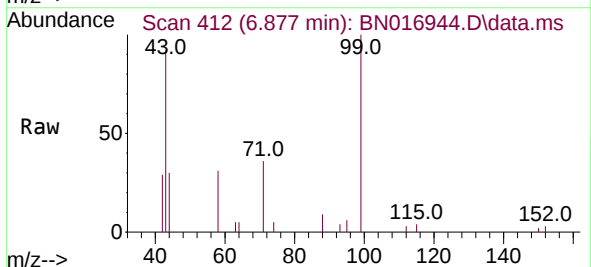
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

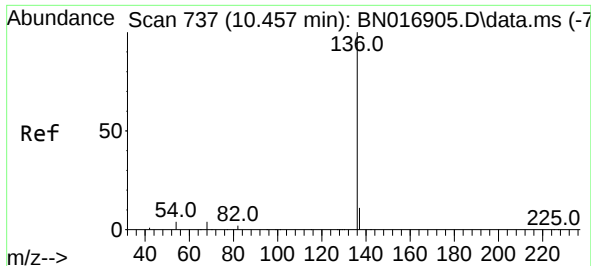
Tgt Ion:	112	Resp:	6489
Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.0	67.4
63	28.8	22.6	33.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

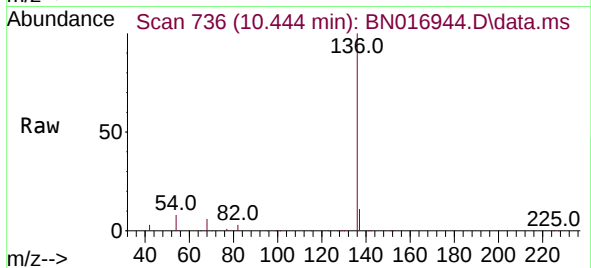
Tgt Ion:	99	Resp:	4229
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.2	21.4
71	39.1	24.5	36.7



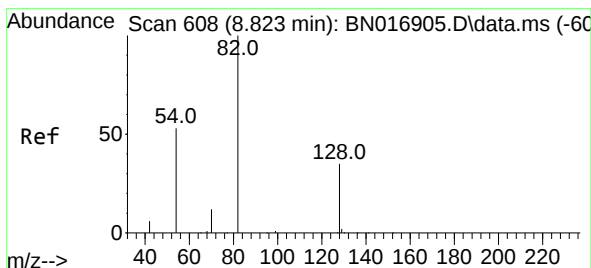
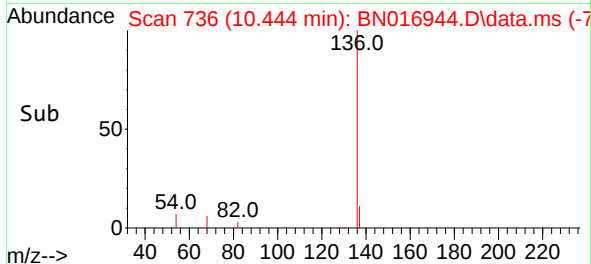
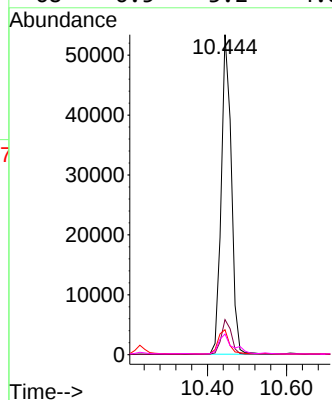


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.013 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

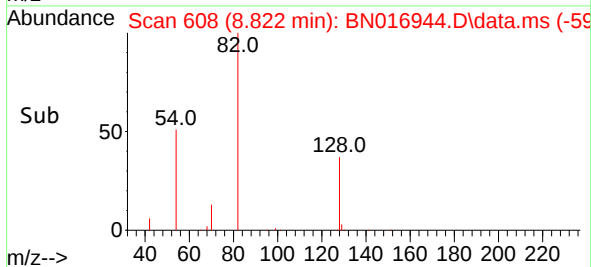
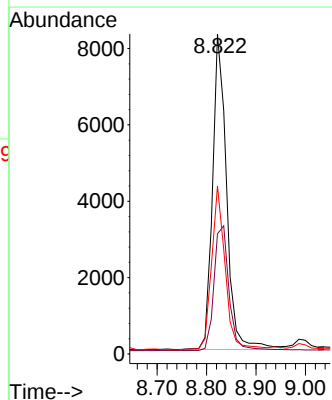
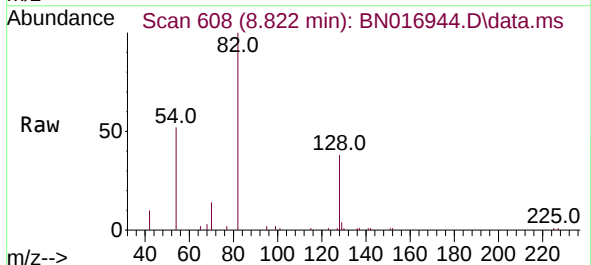


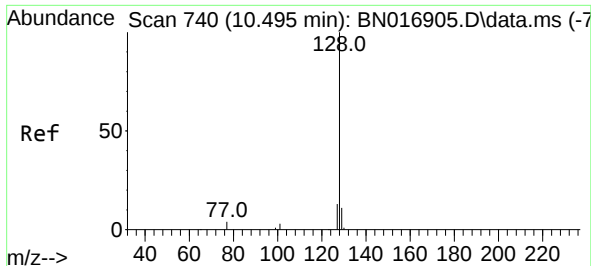
Tgt Ion:136 Resp: 94271
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 3.7 5.5#
68 6.5 3.2 4.8#



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion: 82 Resp: 16301
Ion Ratio Lower Upper
82 100
128 37.5 28.3 42.5
54 52.5 43.0 64.4

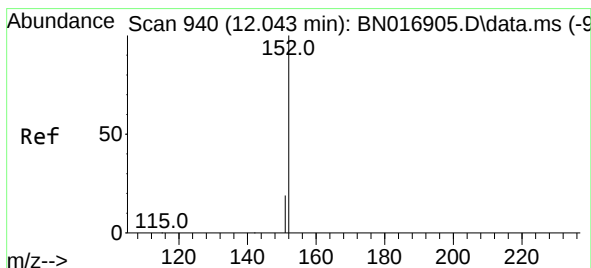
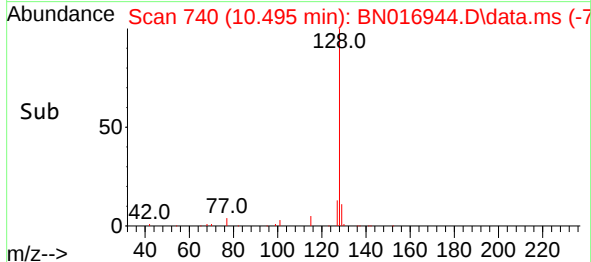
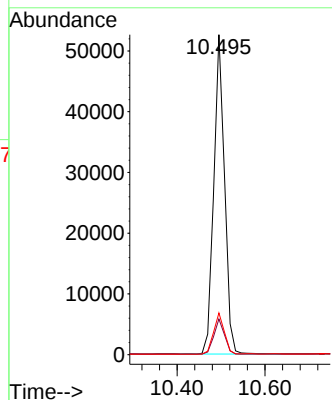
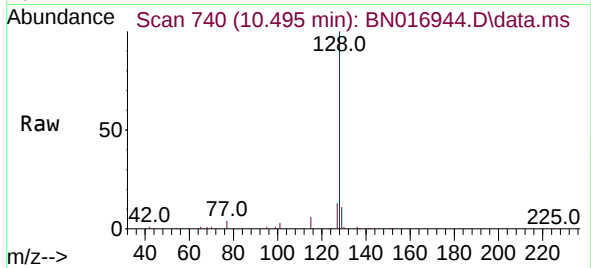




#9
Naphthalene
Concen: 0.364 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

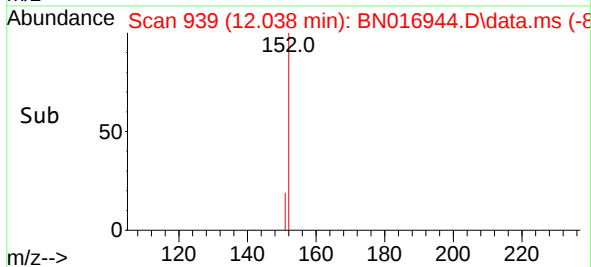
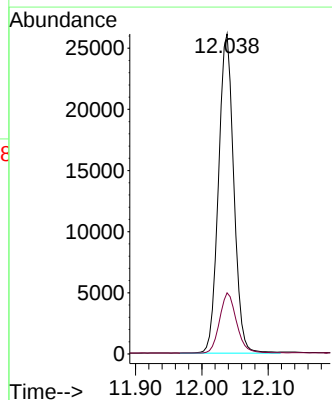
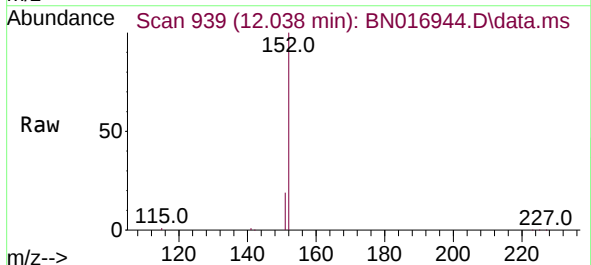
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

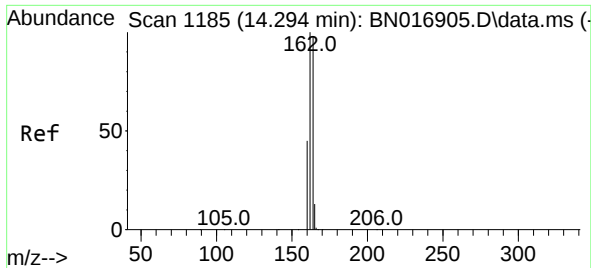
Tgt Ion:	128	Resp:	89017
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.7	13.1
127	13.0	10.6	16.0



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:	152	Resp:	41761
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4

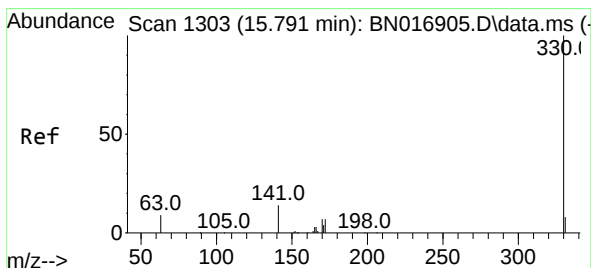
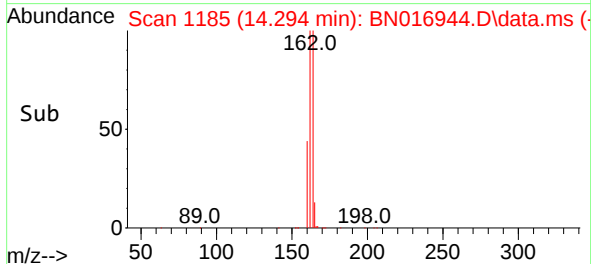
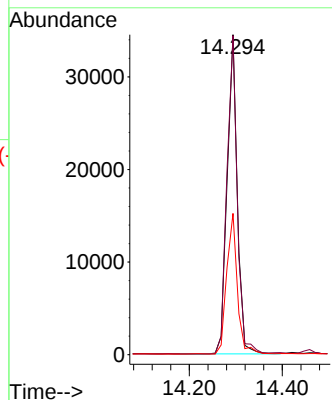
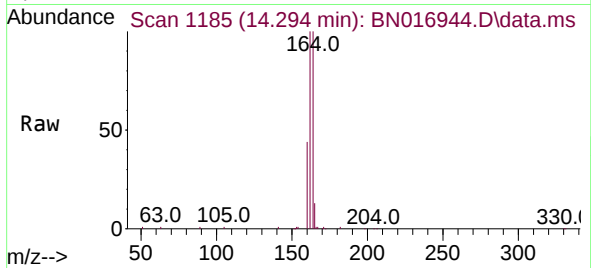




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

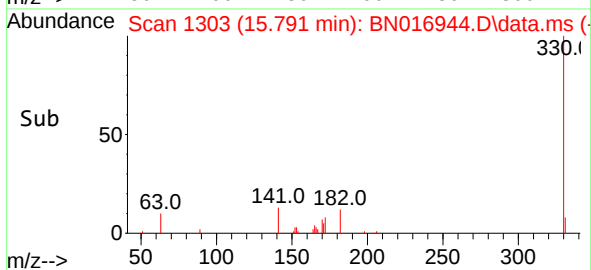
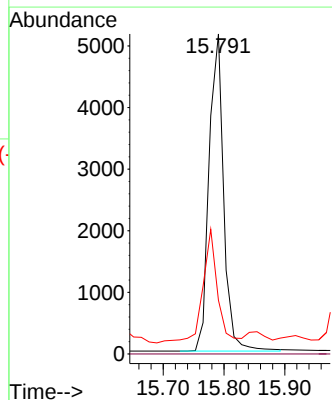
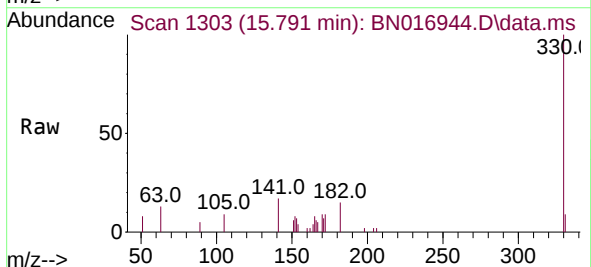
Instrument :
BNA_N
ClientSampleId :
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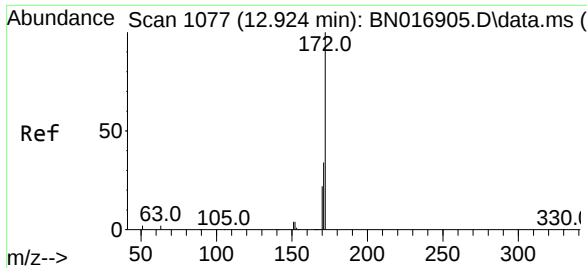
Tgt Ion:164 Resp: 51912
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:330 Resp: 8604
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.4 24.4 36.6

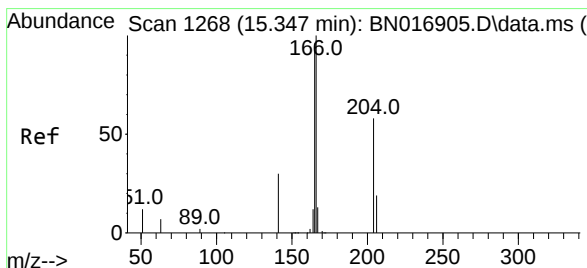
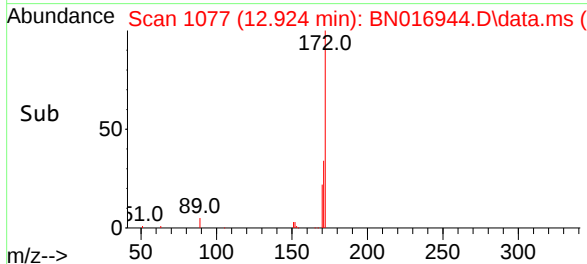
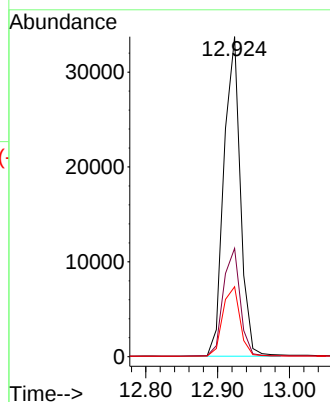
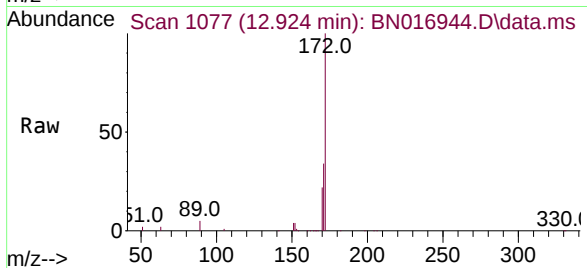




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

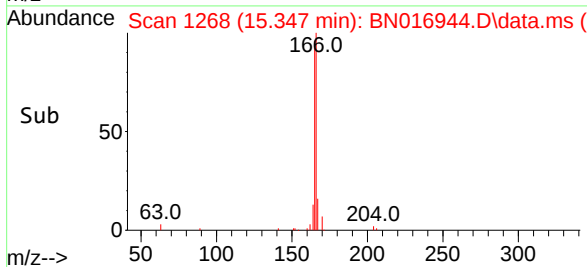
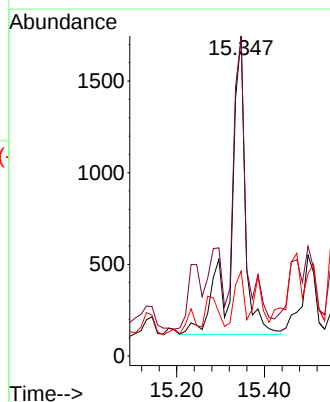
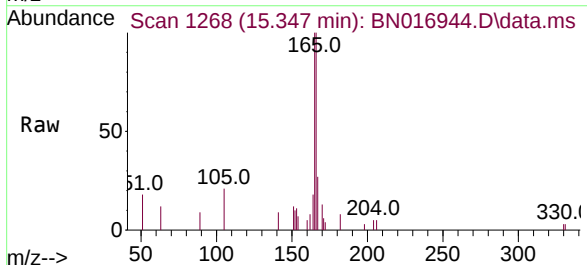
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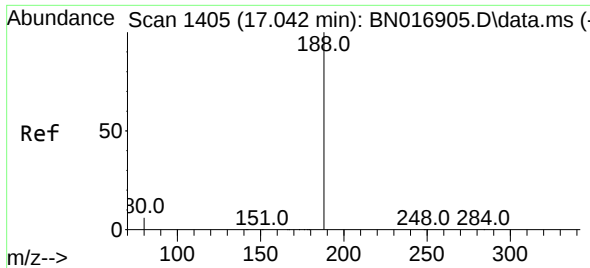
Tgt Ion:	172	Resp:	53640
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.4	41.0
170	21.9	18.1	27.1



#18
Fluorene
Concen: 0.022 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:	166	Resp:	3731
Ion Ratio	Lower	Upper	
166	100		
165	75.0	78.1	117.1#
167	11.8	10.7	16.1

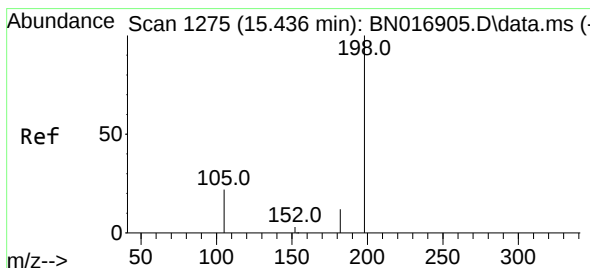
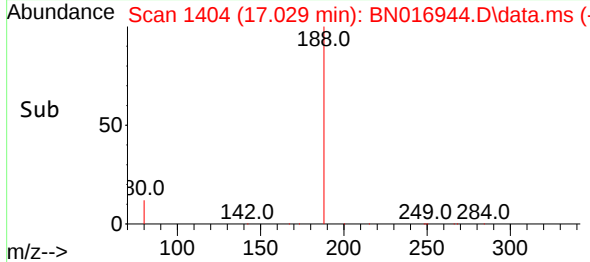
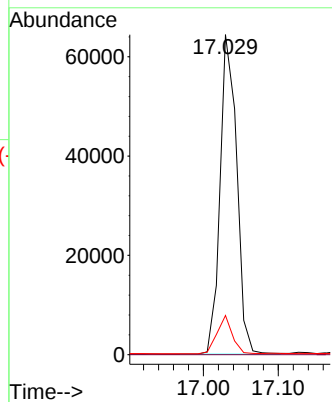
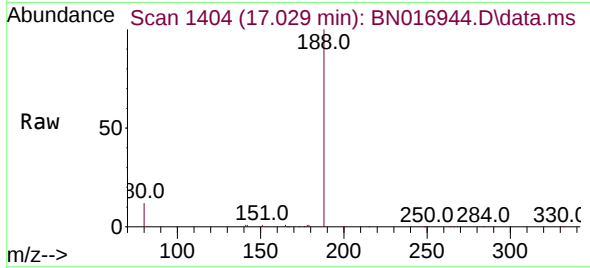




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

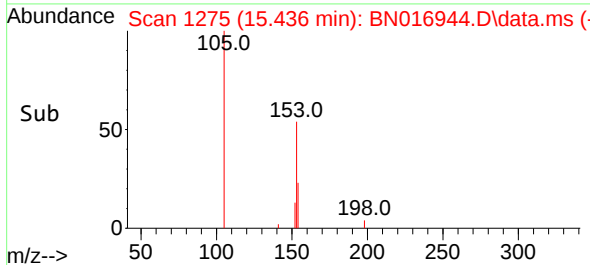
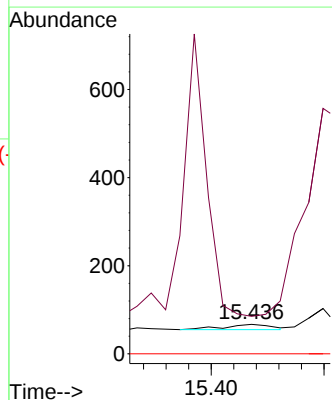
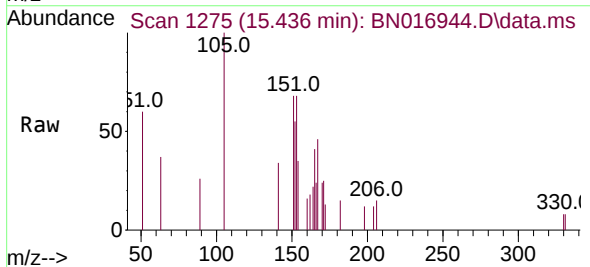
Instrument :
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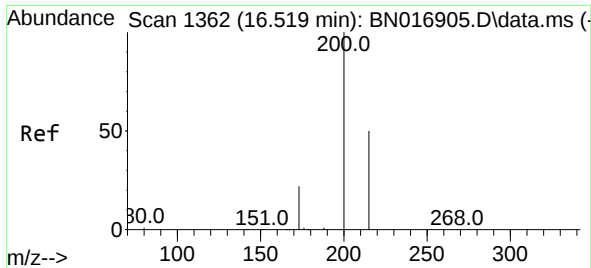
Tgt Ion:188 Resp: 99530
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
182 126.9 11.0 16.6#
77 0.0 0.0 0.0

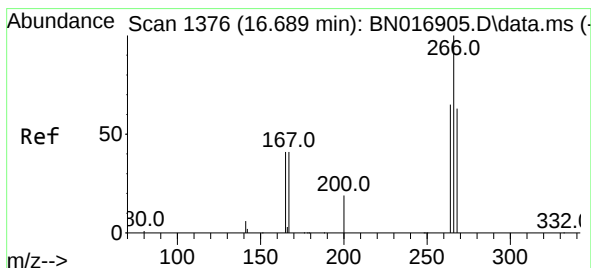
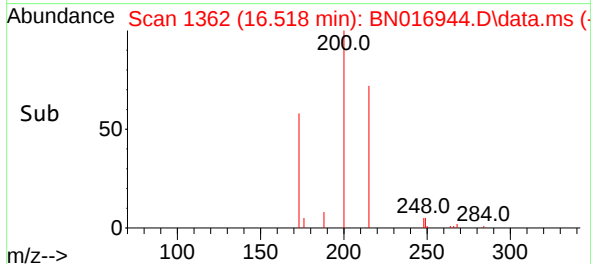
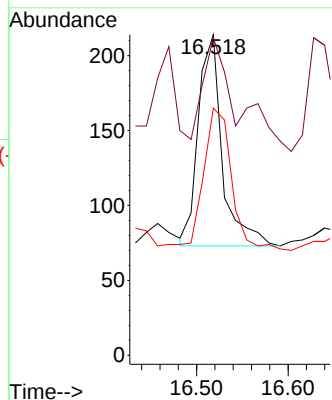
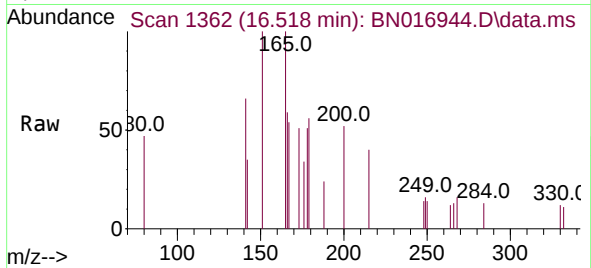




#23
 Atrazine
 Concen: 0.095 ng
 RT: 16.518 min Scan# 1362
 Delta R.T. -0.001 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

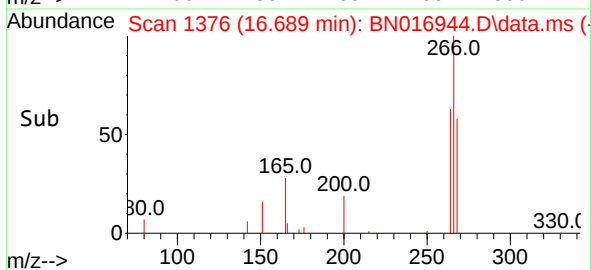
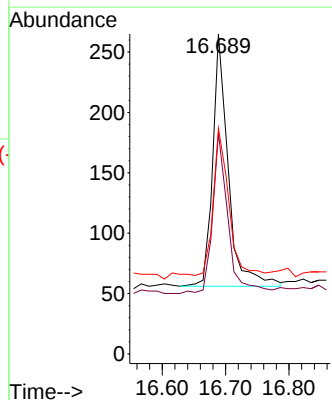
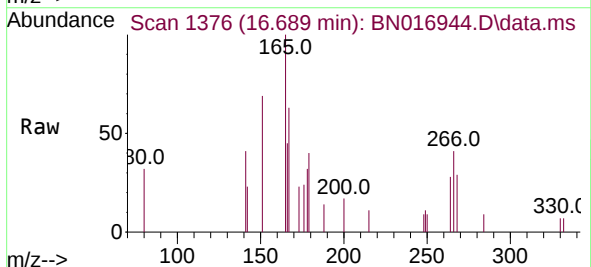
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

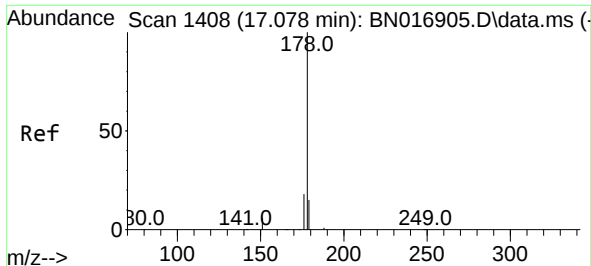
Tgt Ion:200 Resp: 257
 Ion Ratio Lower Upper
 200 100
 173 99.1 18.0 27.0#
 215 77.1 40.0 60.0#



#24
 Pentachlorophenol
 Concen: 0.209 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

Tgt Ion:266 Resp: 356
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.5 75.7
 268 61.2 51.2 76.8

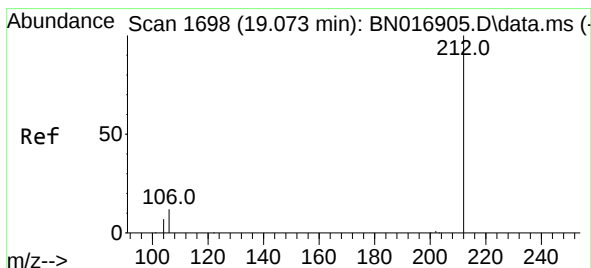
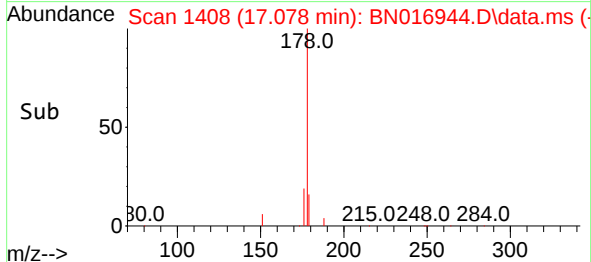
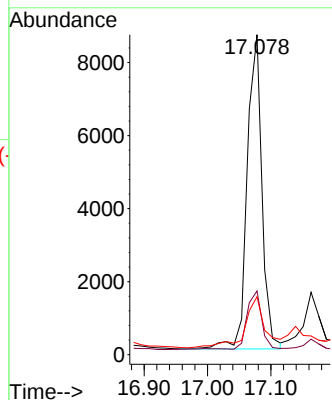
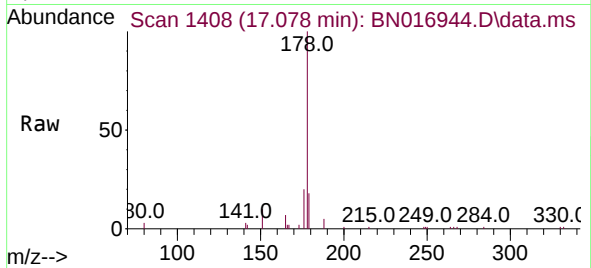




#25
Phenanthrene
Concen: 0.049 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

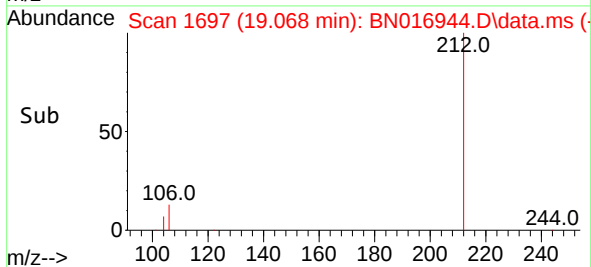
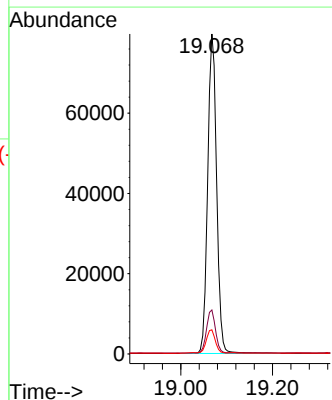
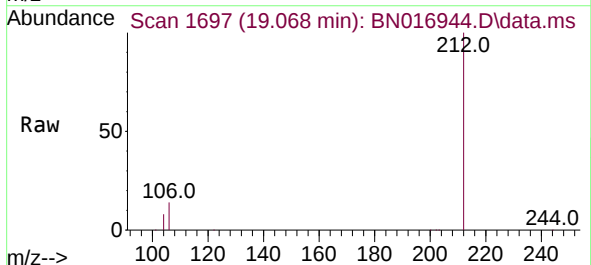
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

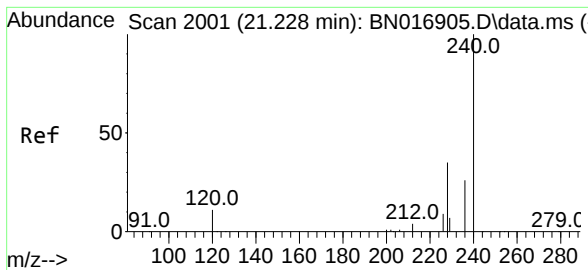
Tgt Ion:178 Resp: 14018
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 21.7 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:212 Resp: 107607
Ion Ratio Lower Upper
212 100
106 13.5 10.7 16.1
104 7.2 5.8 8.8

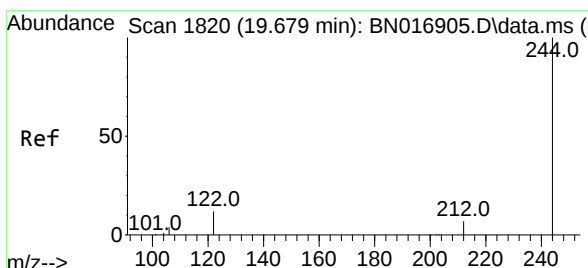
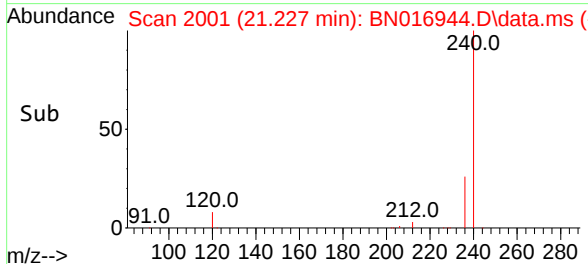
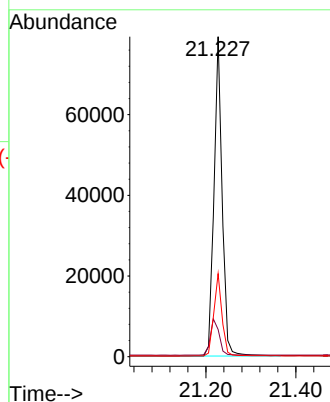
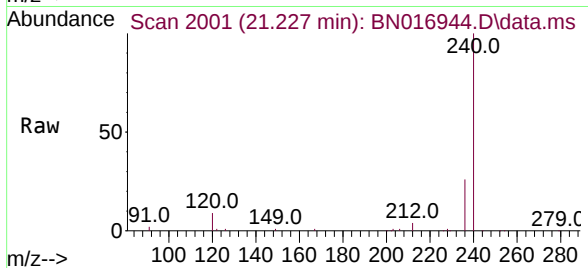




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

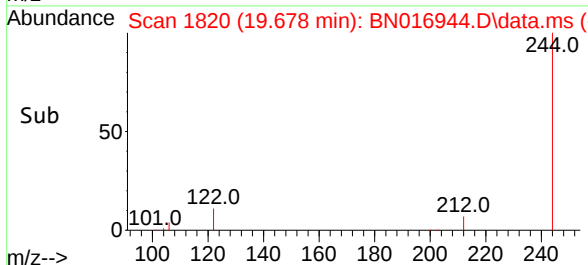
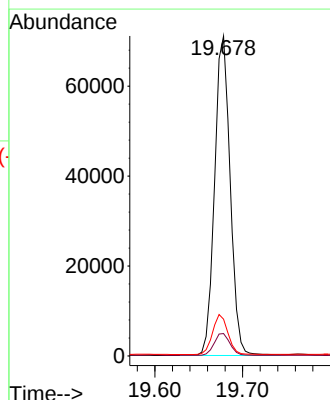
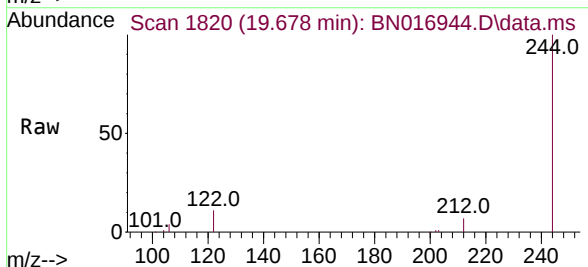
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

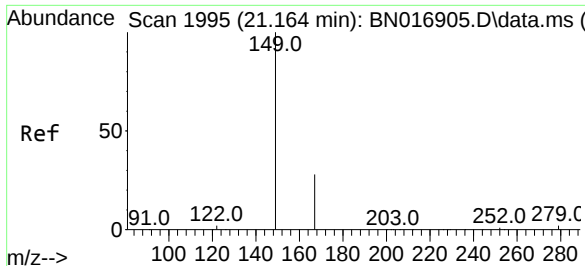
Tgt Ion:240 Resp: 99544
Ion Ratio Lower Upper
240 100
120 8.5 8.6 12.8#
236 25.9 21.0 31.4



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016944.D
Acq: 14 Oct 2021 01:18

Tgt Ion:244 Resp: 87495
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 9.8 14.6

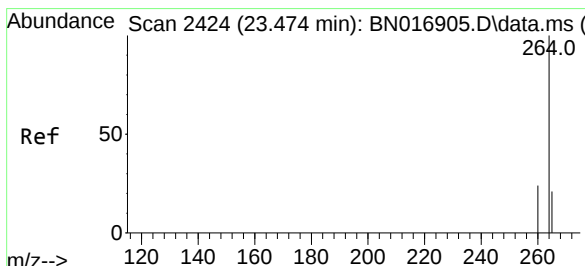
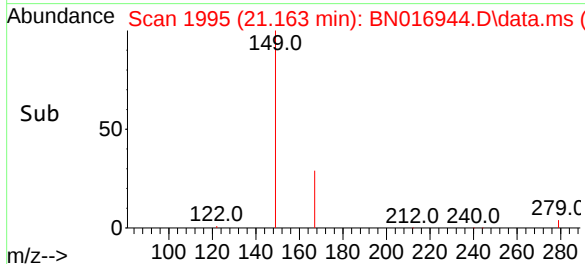
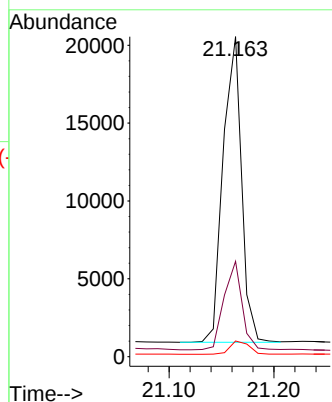
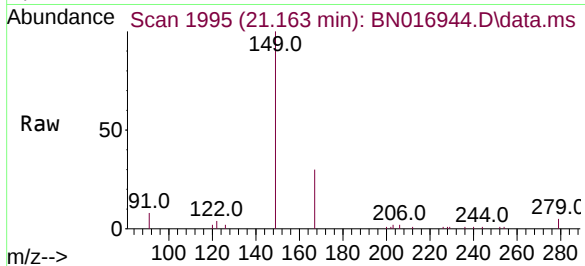




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.317 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.001 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:149 Resp: 24006
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.1 33.1
 279 4.6 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.470 min Scan# 2423
 Delta R.T. -0.004 min
 Lab File: BN016944.D
 Acq: 14 Oct 2021 01:18

Tgt Ion:264 Resp: 99971
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 23.1 18.6 27.8

