

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016941.D
 Acq On : 13 Oct 2021 23:30
 Operator : CG/JU
 Sample : M4170-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 14 02:11:29 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)

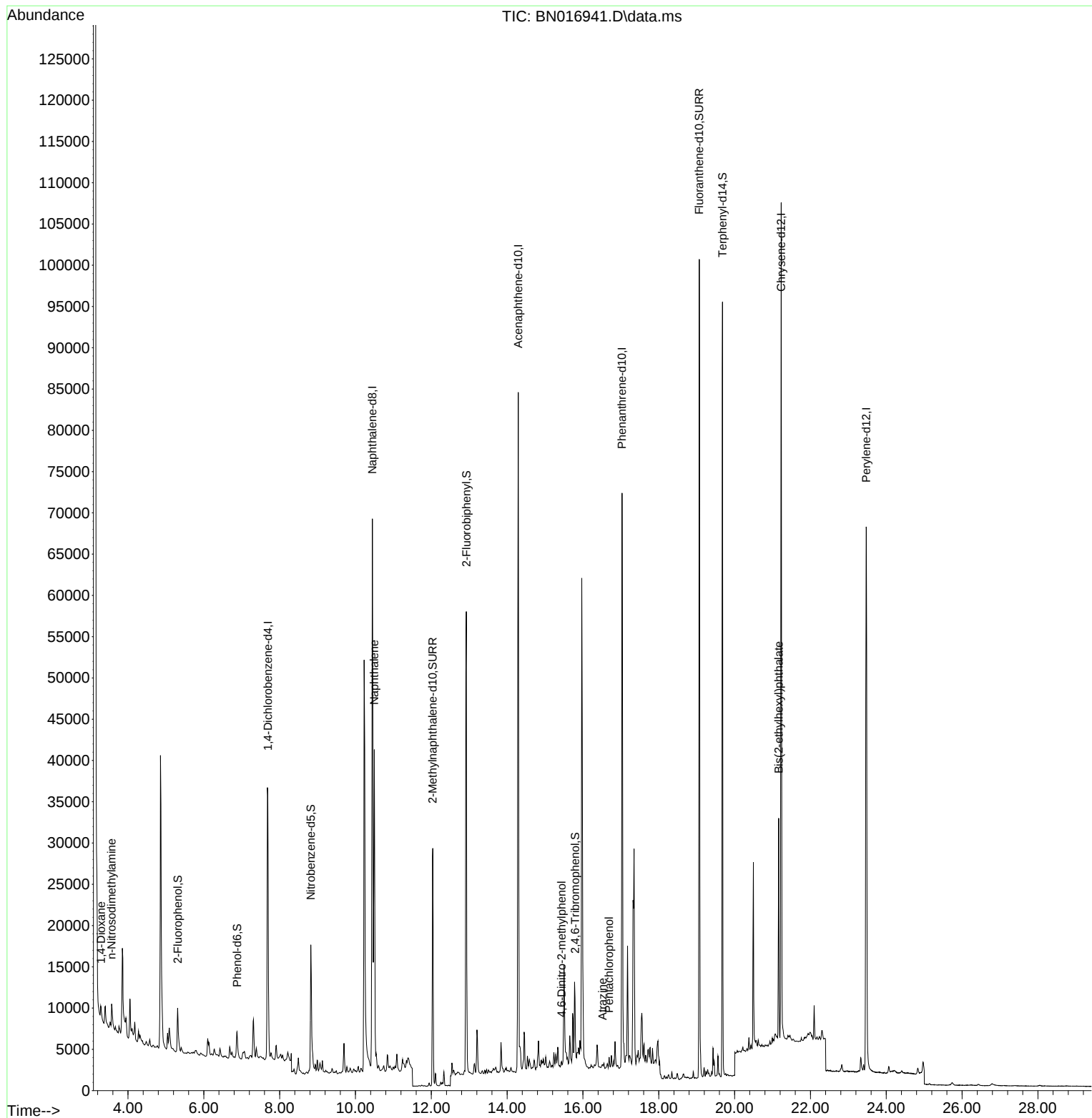
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	20081	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	89631	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	47587	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	92616	0.400	ng	#-0.01
29) Chrysene-d12	21.228	240	92255	0.400	ng	0.00
35) Perylene-d12	23.471	264	91086	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	6130	0.135	ng	0.02
5) Phenol-d6	6.877	99	4011	0.079	ng	0.00
8) Nitrobenzene-d5	8.823	82	14548	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	12.039	152	39777	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8593	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	54333	0.302	ng	0.00
27) Fluoranthene-d10	19.068	212	107192	0.461	ng	0.00
31) Terphenyl-d14	19.679	244	91373	0.451	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	345	0.026	ng	# 77
3) n-Nitrosodimethylamine	3.567	42	342	0.022	ng	# 1
9) Naphthalene	10.496	128	47972	0.206	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	61	0.201	ng	# 1
23) Atrazine	16.519	200	208	0.094	ng	# 20
24) Pentachlorophenol	16.689	266	774	0.223	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	22883	0.321	ng	99

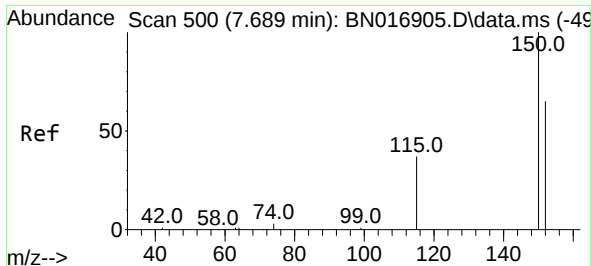
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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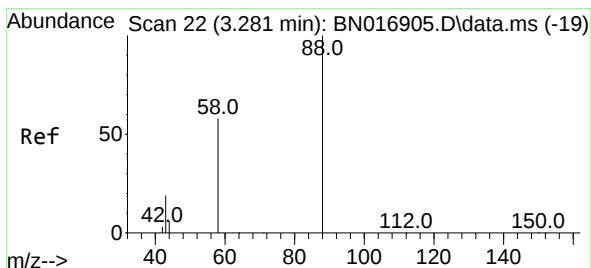
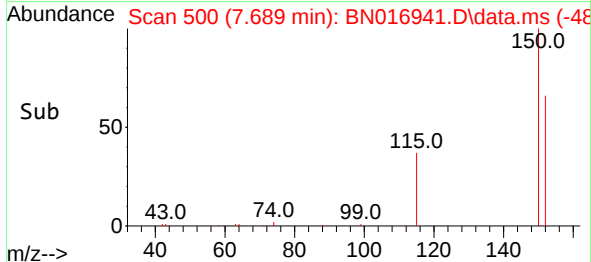
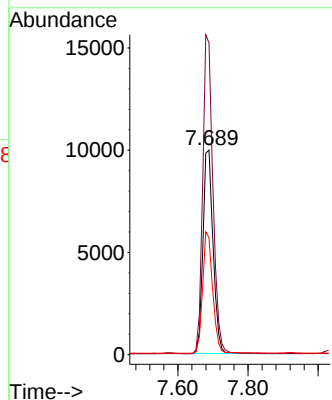
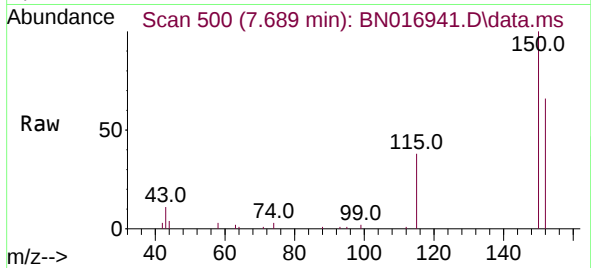




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. -0.000 min
 Lab File: BN016941.D
 Acq: 13 Oct 2021 23:30

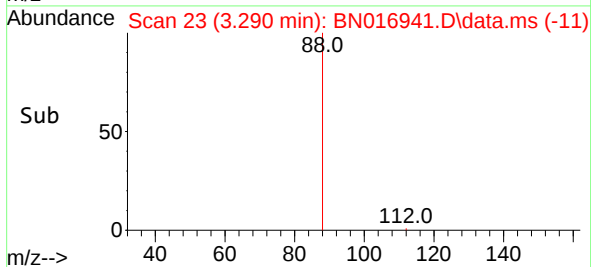
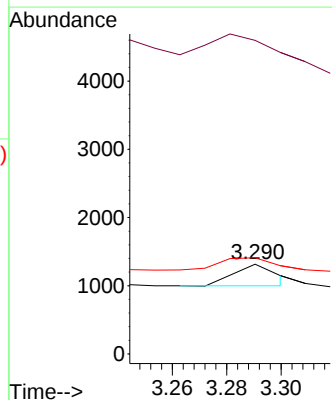
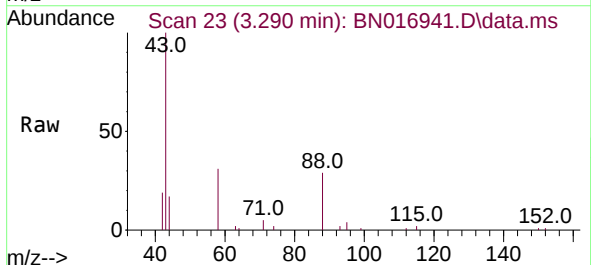
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

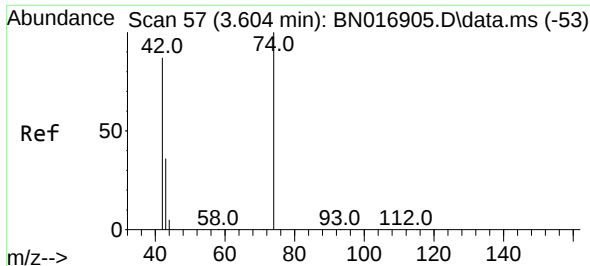
Tgt Ion:152 Resp: 20081
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.6 183.8
 115 57.1 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016941.D
 Acq: 13 Oct 2021 23:30

Tgt Ion: 88 Resp: 345
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.3 36.5#
 58 71.6 65.2 97.8

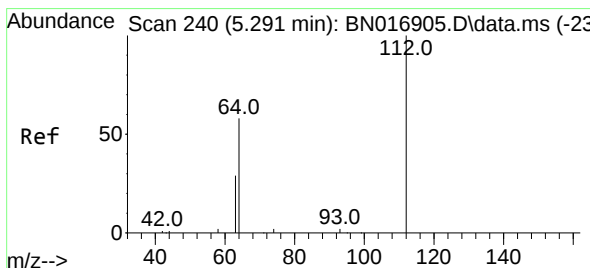
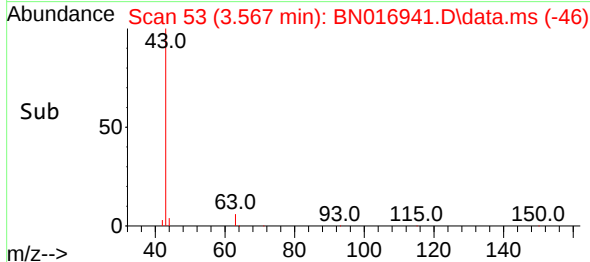
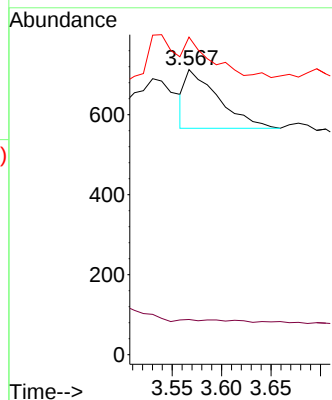
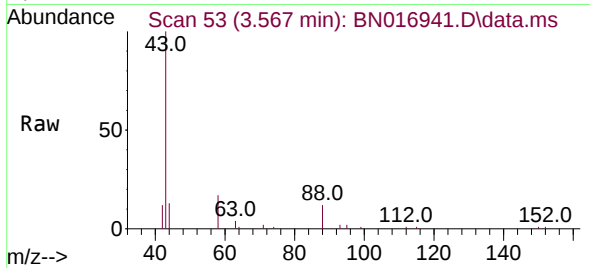




#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.567 min Scan# 53
Delta R.T. -0.037 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

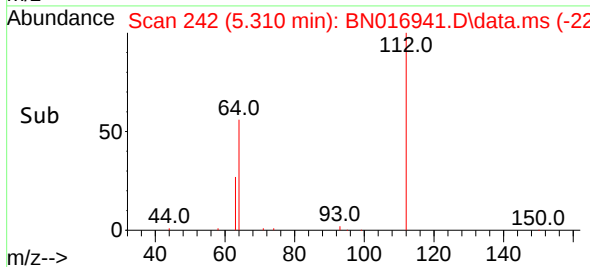
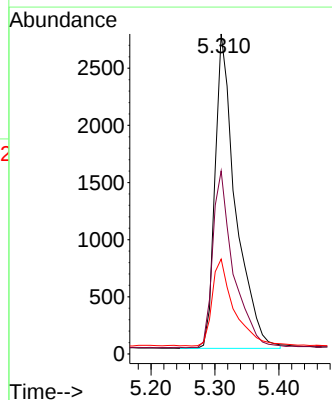
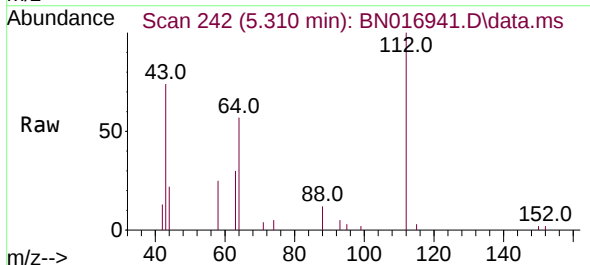
Instrument :
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ClientSampleId :
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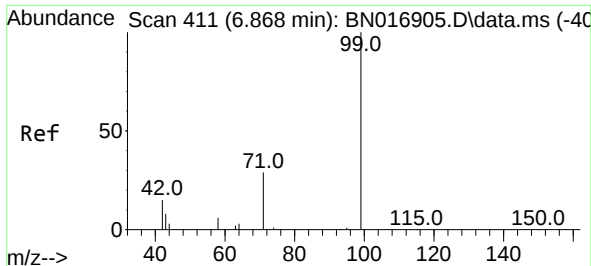
Tgt Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
74 0.0 114.4 171.6#
44 0.0 5.7 8.5#



#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.019 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 112 Resp: 6130
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 29.2 22.6 33.8

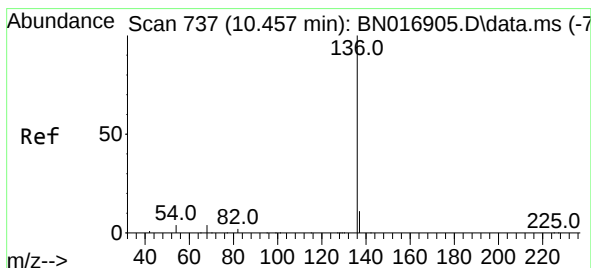
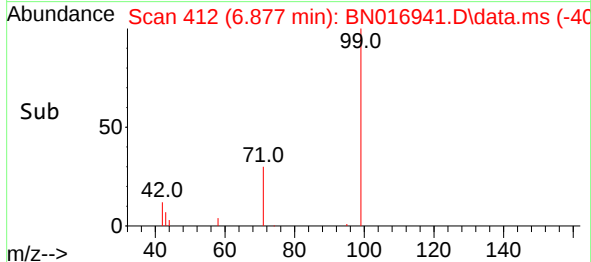
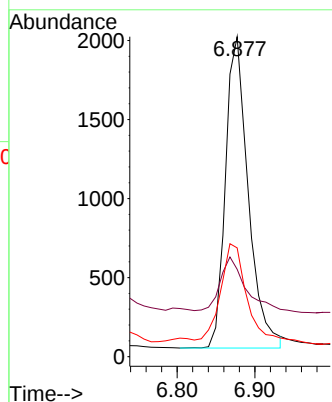
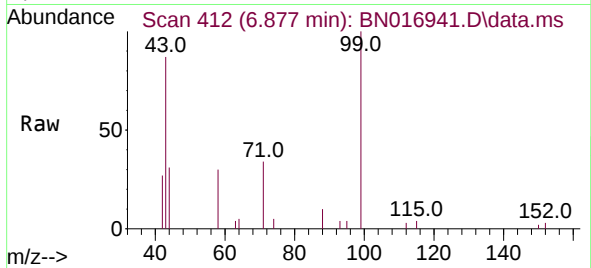




#5
Phenol-d6
Concen: 0.079 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

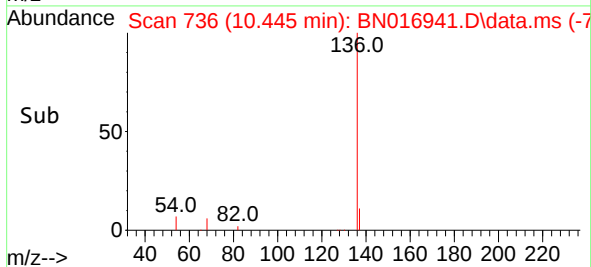
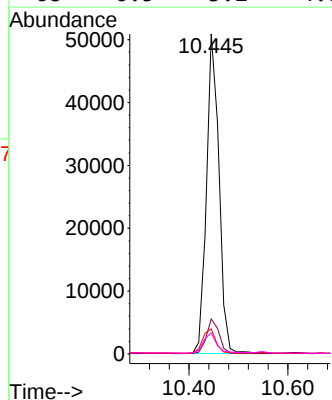
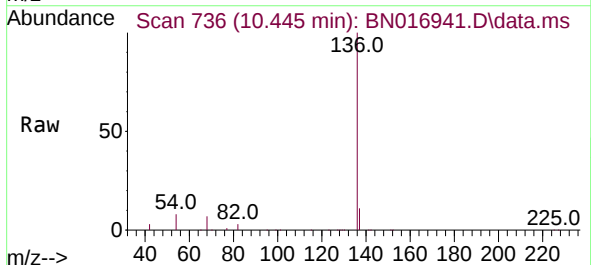
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

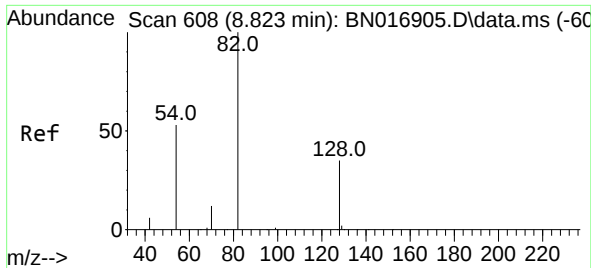
Tgt Ion: 99	Resp: 4011
Ion Ratio	Lower Upper
99 100	
42 18.6	14.2 21.4
71 33.8	24.5 36.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion: 136	Resp: 89631
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 7.9	3.7 5.5#
68 6.5	3.2 4.8#

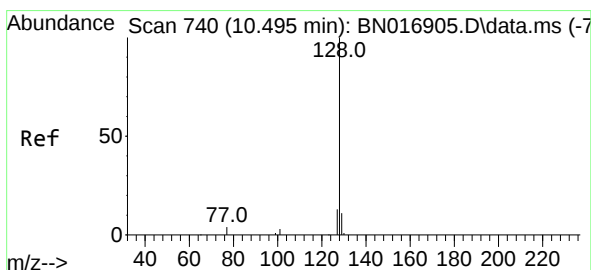
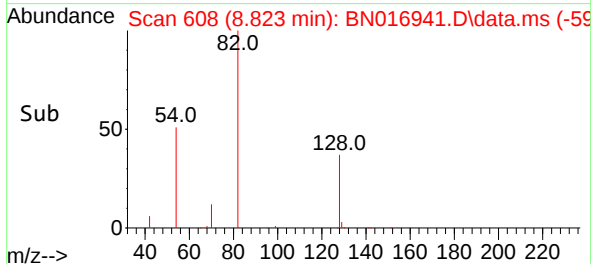
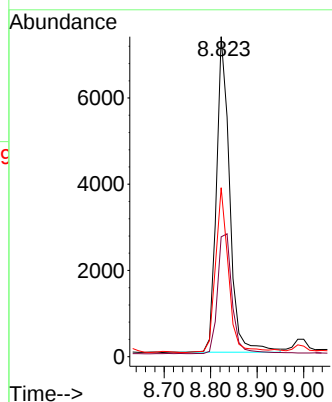
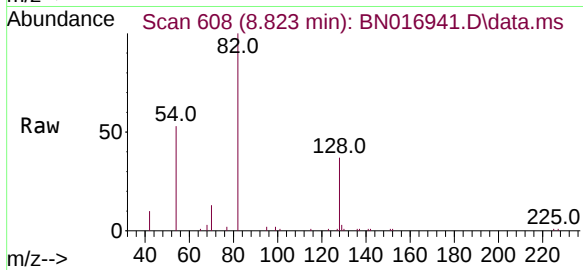




#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.823 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

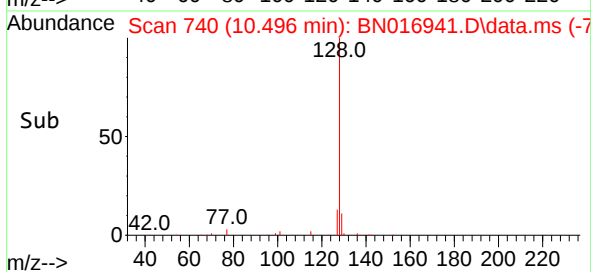
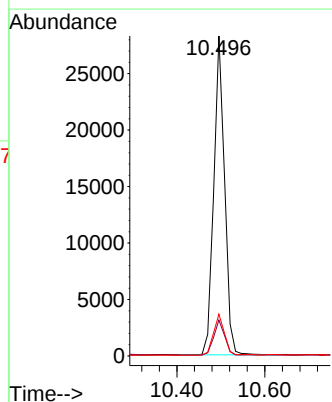
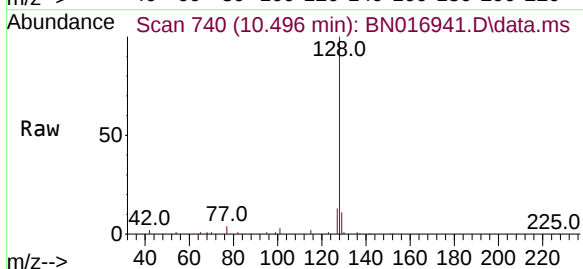
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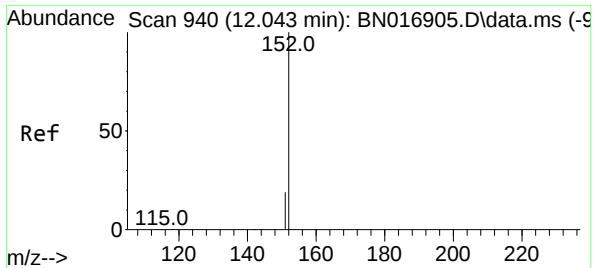
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.3	42.5
54	52.8	43.0	64.4



#9
Naphthalene
Concen: 0.206 ng
RT: 10.496 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.6	16.0

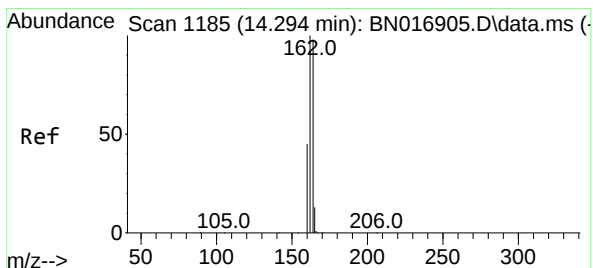
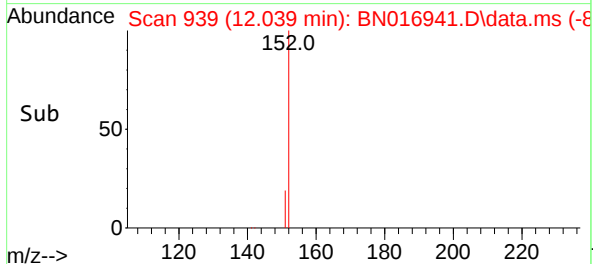
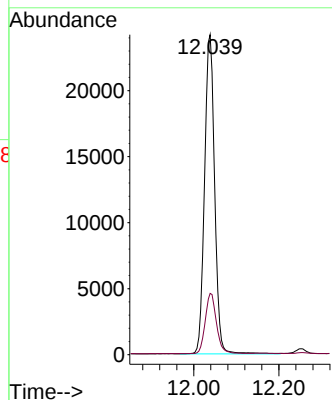
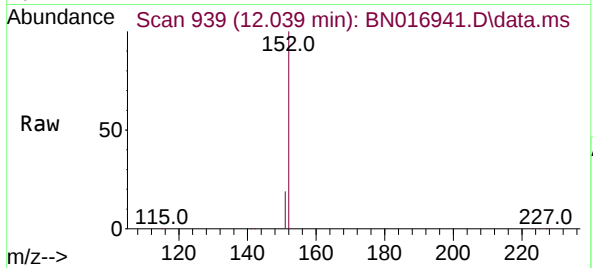




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.039 min Scan# 939
Delta R.T. -0.004 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

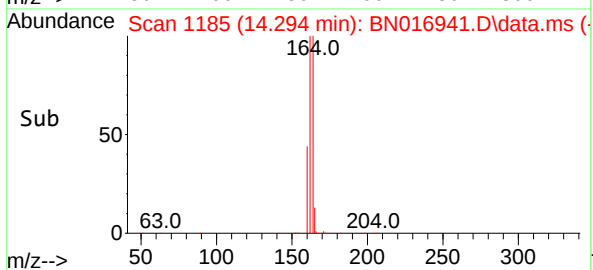
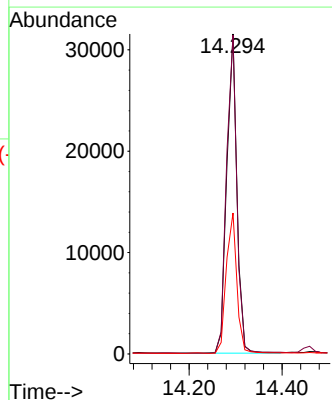
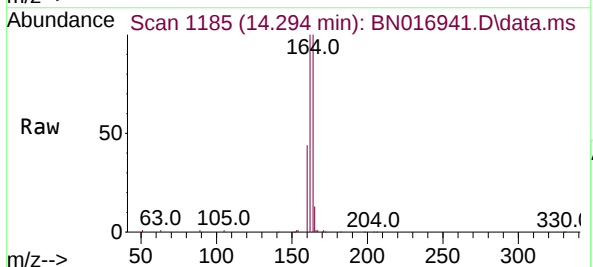
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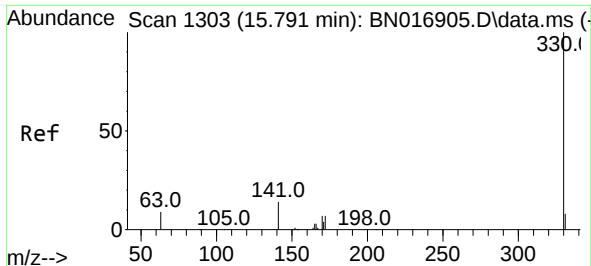
Tgt Ion:152 Resp: 39777
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion:164 Resp: 47587
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.1 37.0 55.4

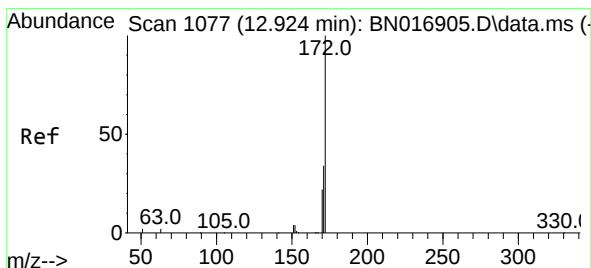
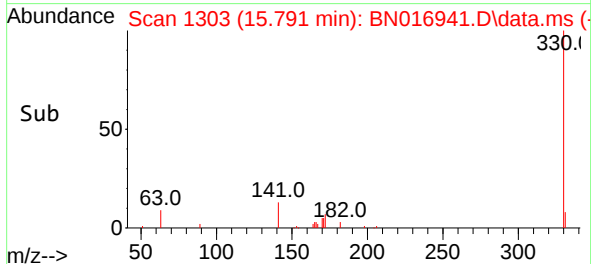
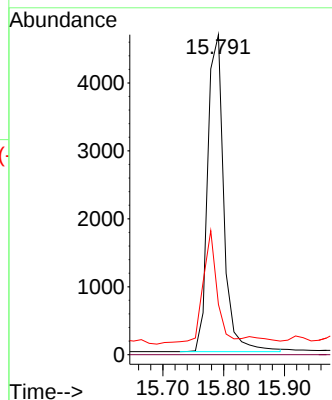
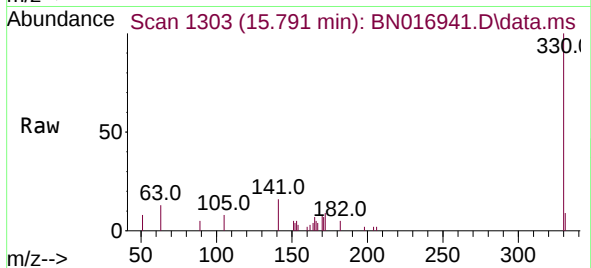




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

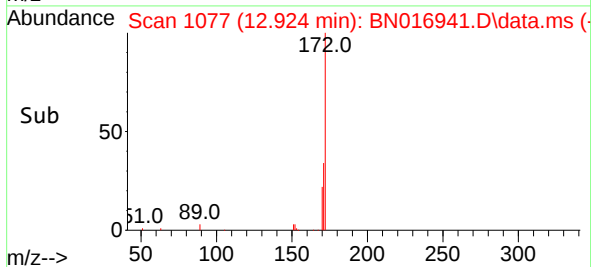
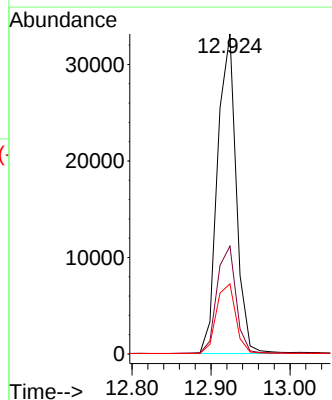
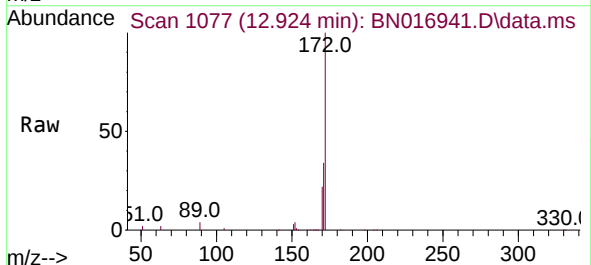
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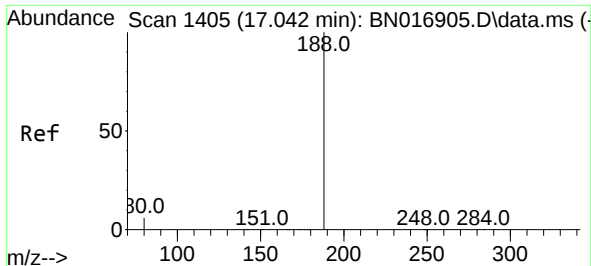
Tgt Ion:330 Resp: 8593
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.0 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion:172 Resp: 54333
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 21.9 18.1 27.1

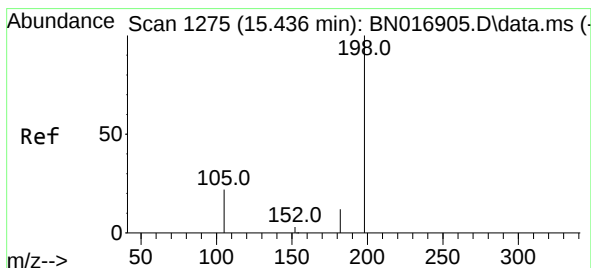
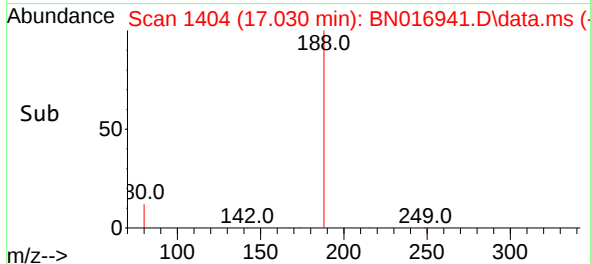
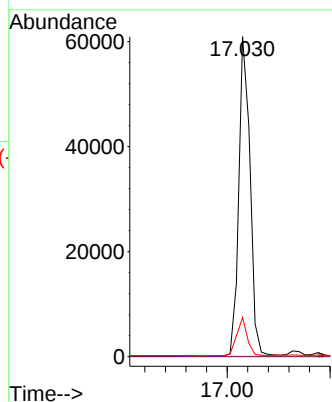
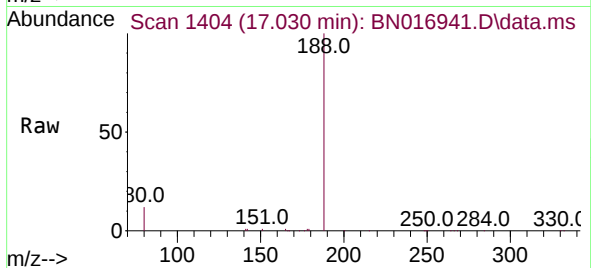




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

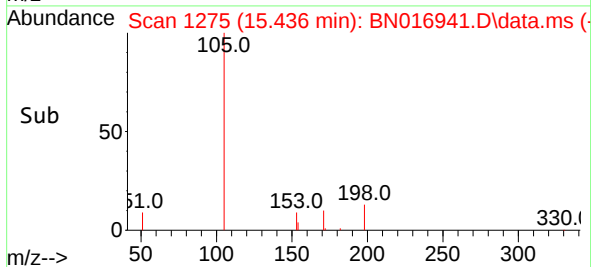
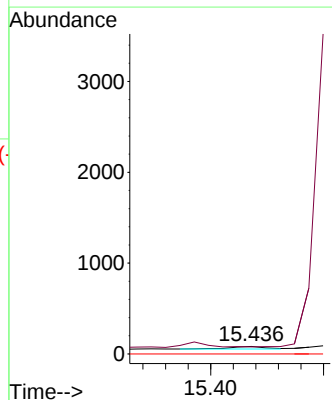
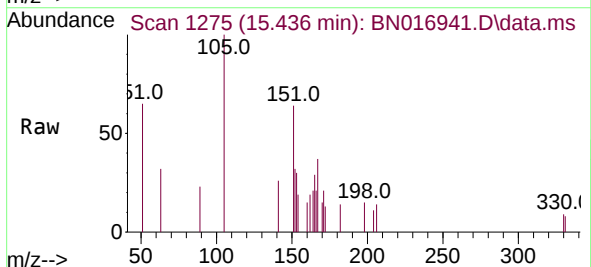
Instrument :
BNA_N
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SW-RR-03-(SA)

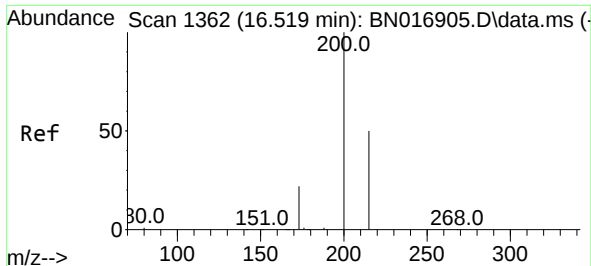
Tgt Ion:188 Resp: 92616
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
182 94.0 11.0 16.6#
77 0.0 0.0 0.0

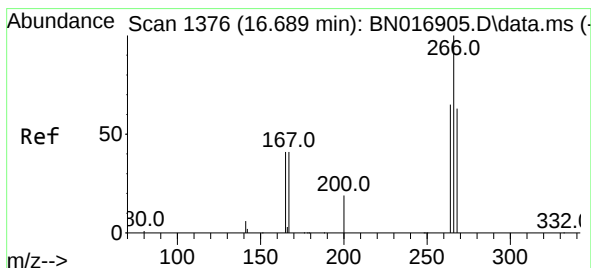
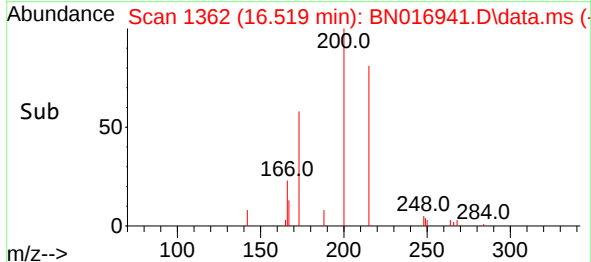
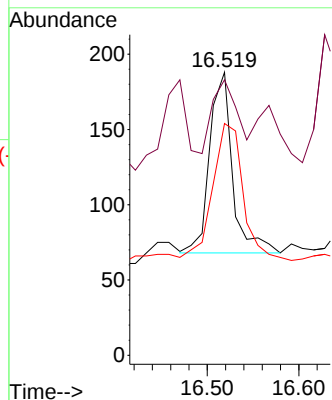
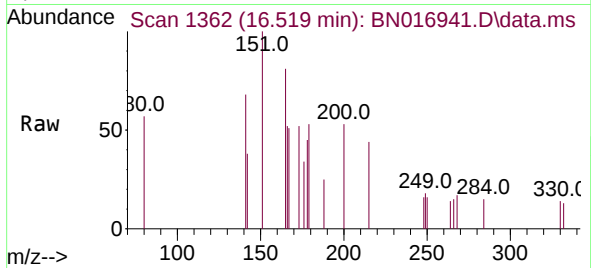




#23
Atrazine
Concen: 0.094 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

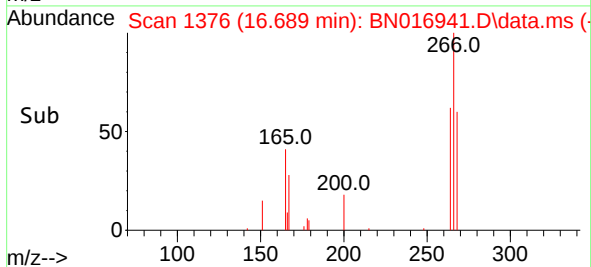
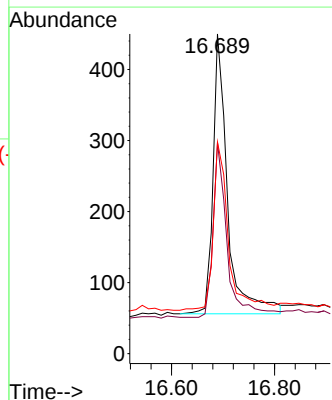
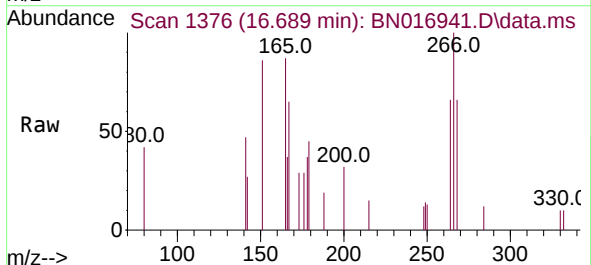
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

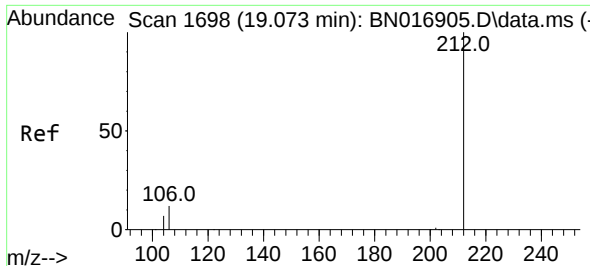
Tgt Ion:200 Resp: 208
Ion Ratio Lower Upper
200 100
173 97.3 18.0 27.0#
215 81.9 40.0 60.0#



#24
Pentachlorophenol
Concen: 0.223 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion:266 Resp: 774
Ion Ratio Lower Upper
266 100
264 61.4 50.5 75.7
268 62.9 51.2 76.8

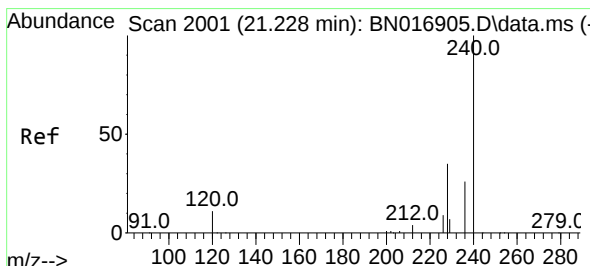
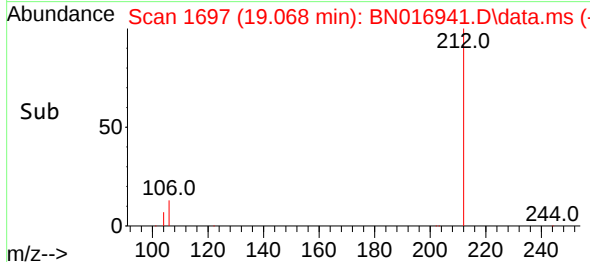
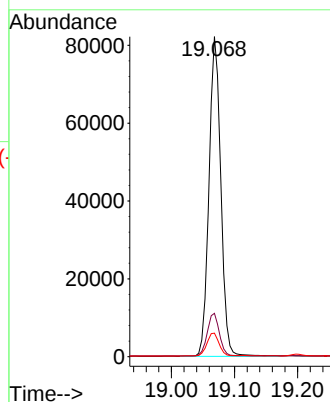
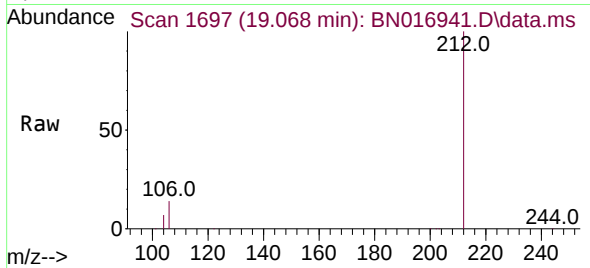




#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

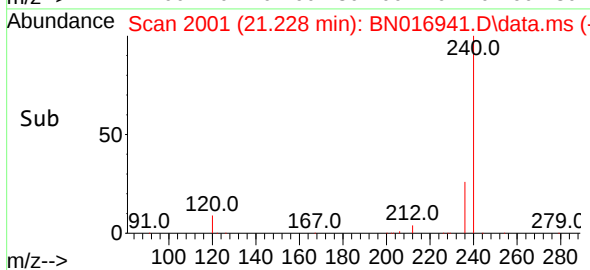
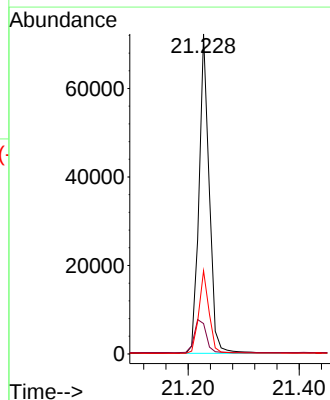
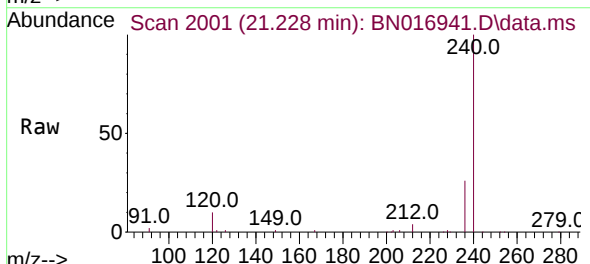
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

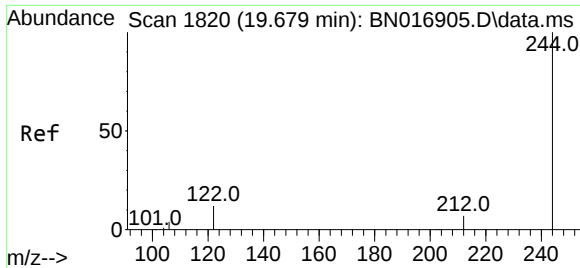
Tgt Ion:212 Resp: 107192
Ion Ratio Lower Upper
212 100
106 13.5 10.7 16.1
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016941.D
Acq: 13 Oct 2021 23:30

Tgt Ion:240 Resp: 92255
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 26.0 21.0 31.4

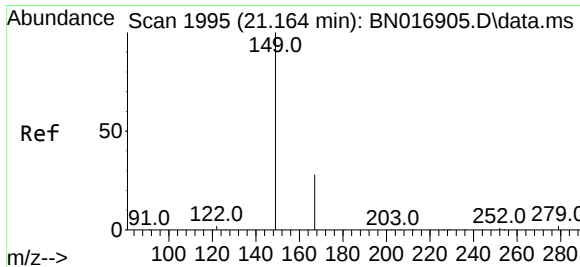
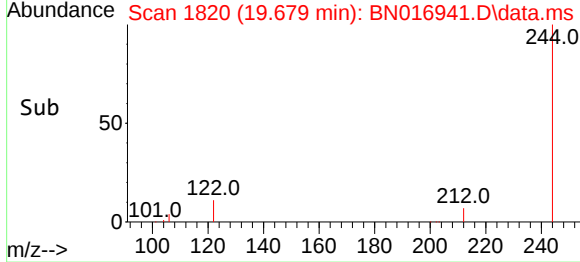
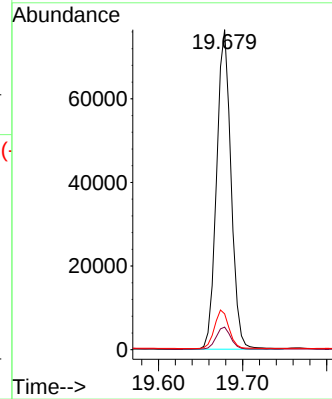
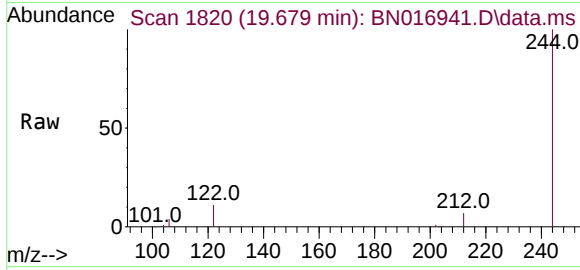




#31
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.679 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016941.D
 Acq: 13 Oct 2021 23:30

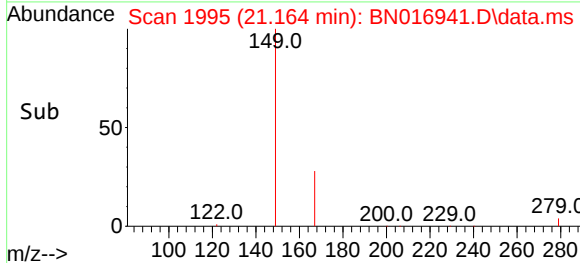
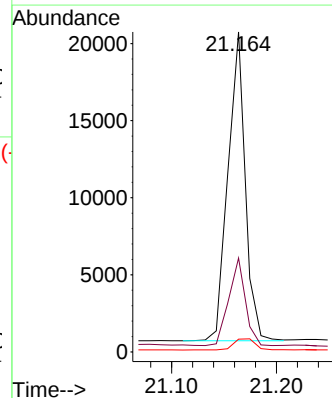
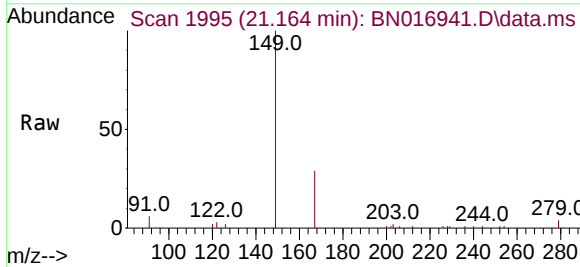
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

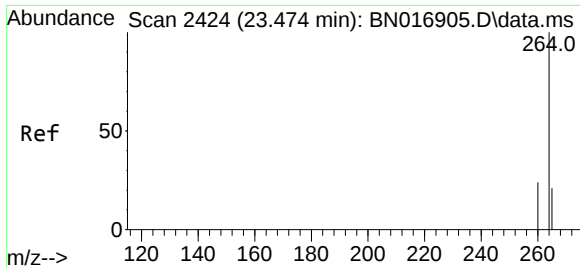
Tgt Ion:	244	Resp:	91373
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	11.2	9.8	14.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.321 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016941.D
 Acq: 13 Oct 2021 23:30

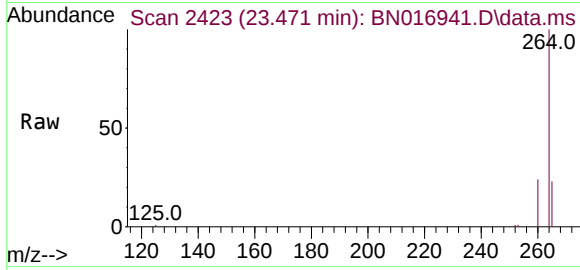
Tgt Ion:	149	Resp:	22883
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.1	33.1
279	4.5	3.4	5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.471 min Scan# 2423
 Delta R.T. -0.003 min
 Lab File: BN016941.D
 Acq: 13 Oct 2021 23:30

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



Tgt Ion:264 Resp: 91086

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.7	18.6	27.8

