

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016942.D
 Acq On : 14 Oct 2021 00:06
 Operator : CG/JU
 Sample : M4170-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 14 02:11:36 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)

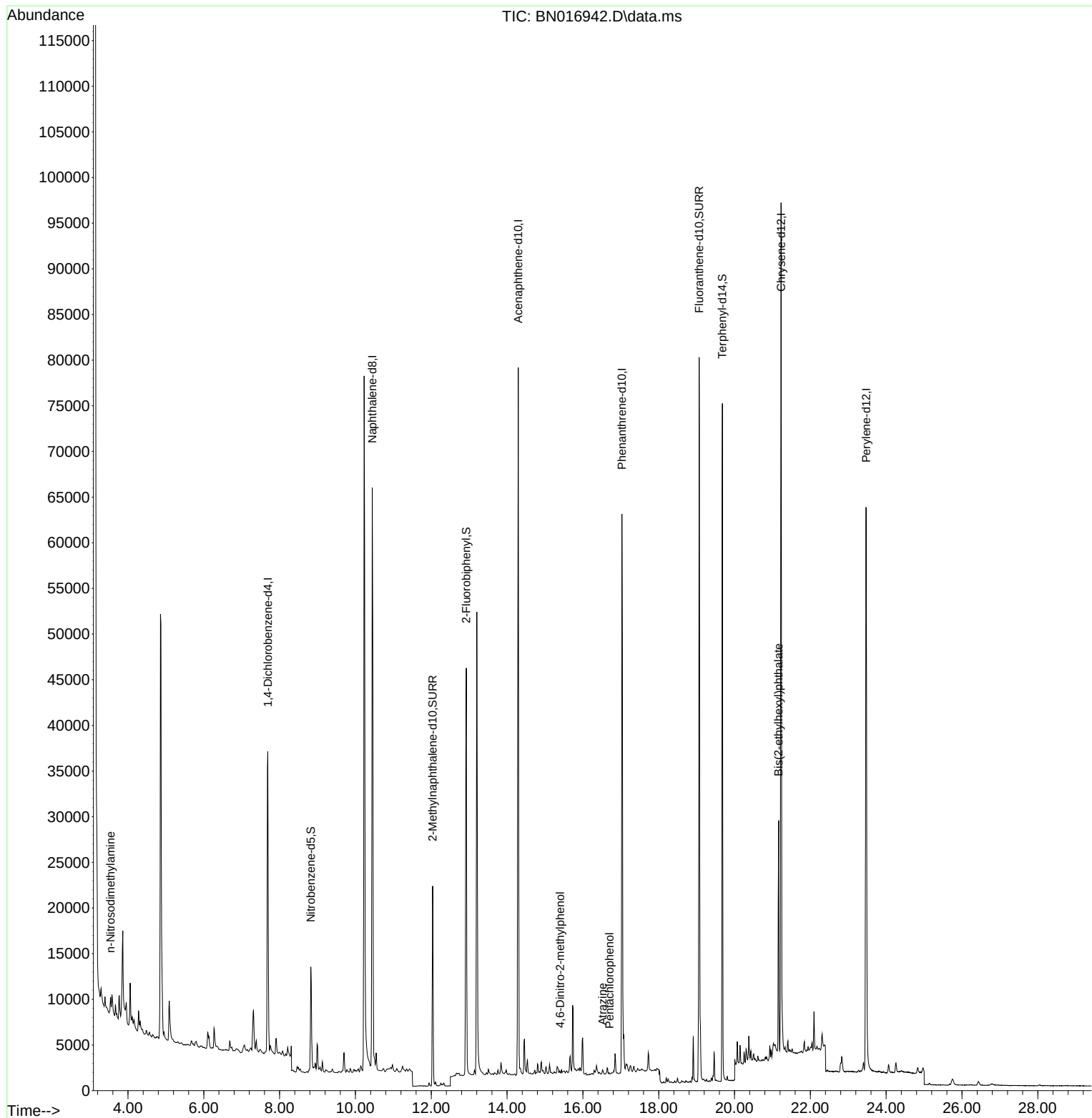
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	19395	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	87107	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	45093	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	88514	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	86900	0.400	ng	# 0.00
35) Perylene-d12	23.470	264	85433	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	206	0.005	ng	0.03
5) Phenol-d6	6.877	99	231	0.005	ng	0.00
8) Nitrobenzene-d5	8.822	82	11498	0.208	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	29866	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	52	0.003	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	40655	0.238	ng	0.00
27) Fluoranthene-d10	19.068	212	87411	0.393	ng	0.00
31) Terphenyl-d14	19.678	244	73581	0.386	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.539	42	730	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.398	198	5	0.199	ng	# 1
23) Atrazine	16.518	200	179	0.093	ng	# 15
24) Pentachlorophenol	16.701	266	61	0.200	ng	89
34) Bis(2-ethylhexyl)phtha...	21.163	149	23165	0.331	ng	100

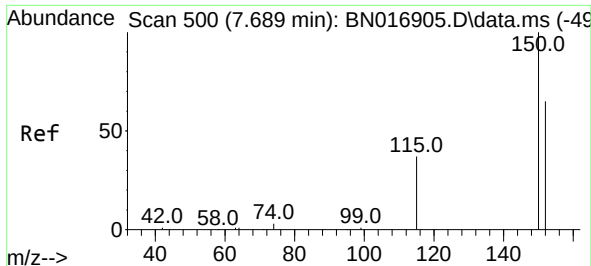
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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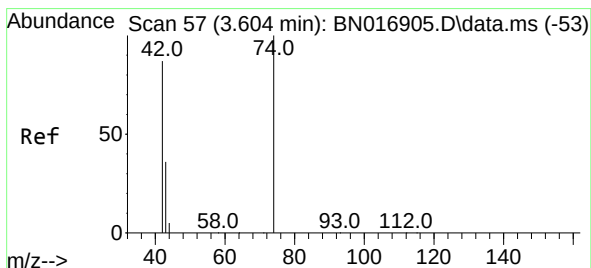
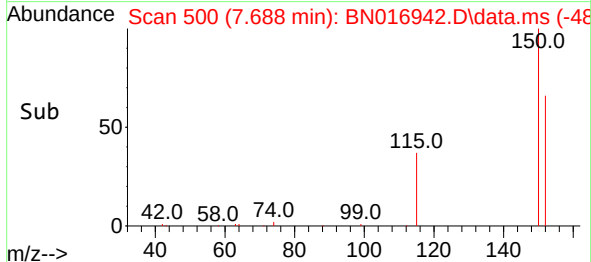
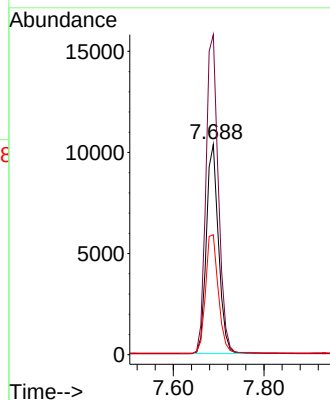
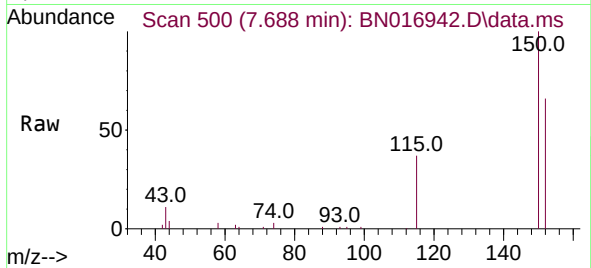




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016942.D
 Acq: 14 Oct 2021 00:06

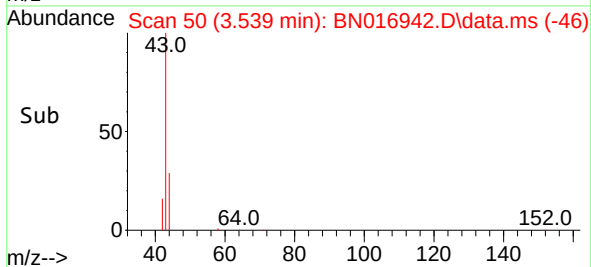
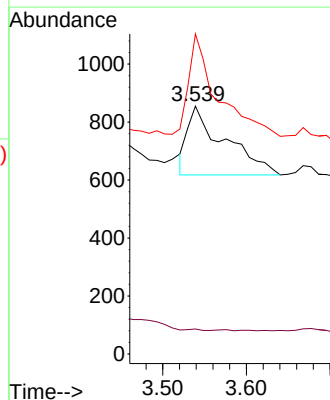
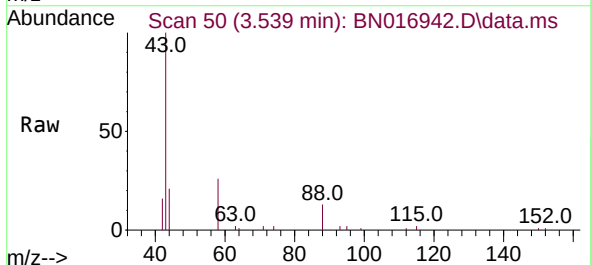
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

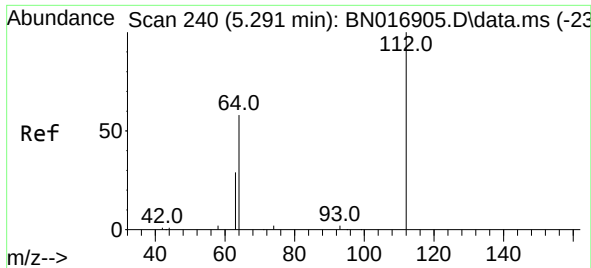
Tgt Ion:152 Resp: 19395
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.6 183.8
 115 57.0 46.1 69.1



#3
 n-Nitrosodimethylamine
 Concen: 0.049 ng
 RT: 3.539 min Scan# 50
 Delta R.T. -0.065 min
 Lab File: BN016942.D
 Acq: 14 Oct 2021 00:06

Tgt Ion: 42 Resp: 730
 Ion Ratio Lower Upper
 42 100
 74 0.0 114.4 171.6#
 44 113.4 5.7 8.5#

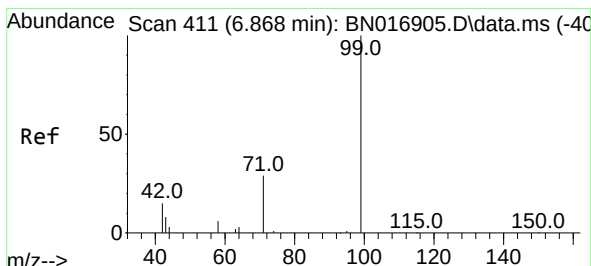
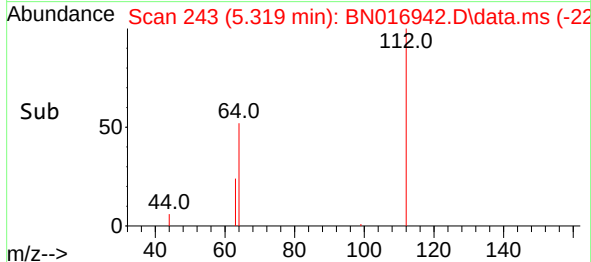
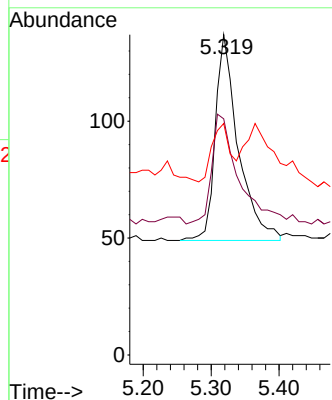
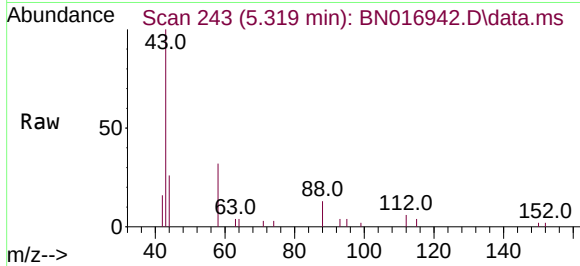




#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.027 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

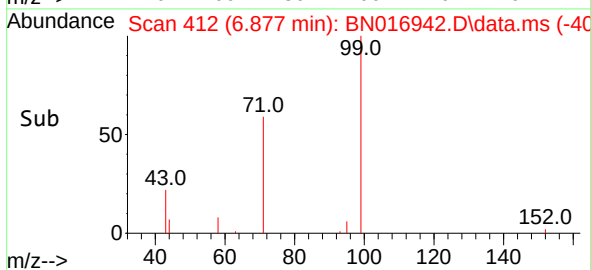
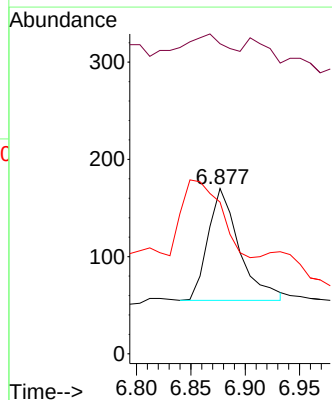
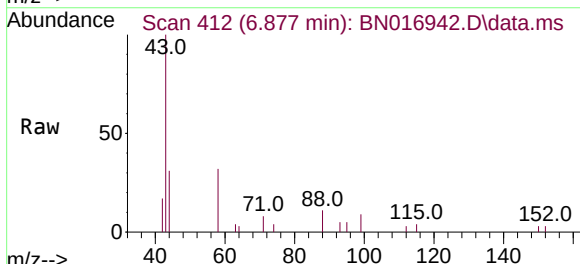
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

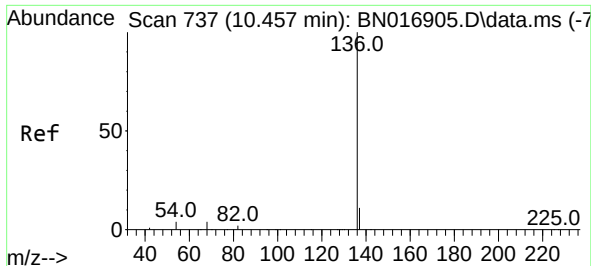
Tgt Ion:	112	Resp:	206
Ion	Ratio	Lower	Upper
112	100		
64	62.1	45.0	67.4
63	22.8	22.6	33.8



#5
Phenol-d6
Concen: 0.005 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

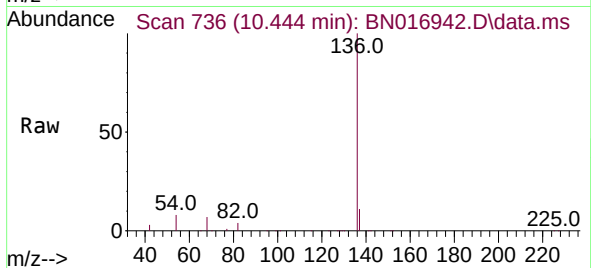
Tgt Ion:	99	Resp:	231
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.2	21.4
71	0.0	24.5	36.7



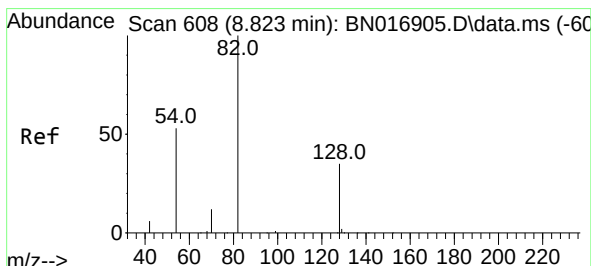
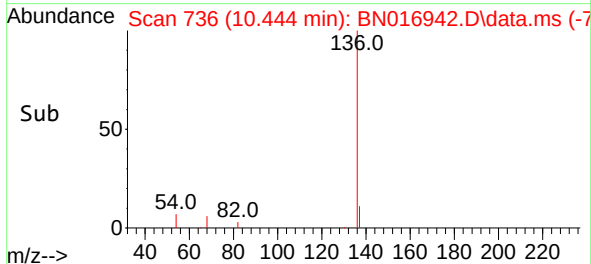
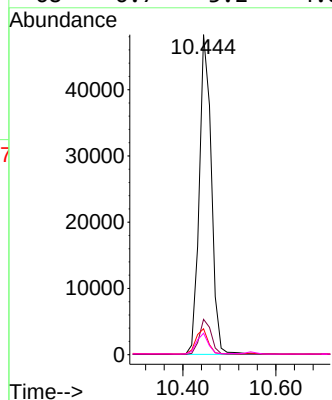


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.013 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

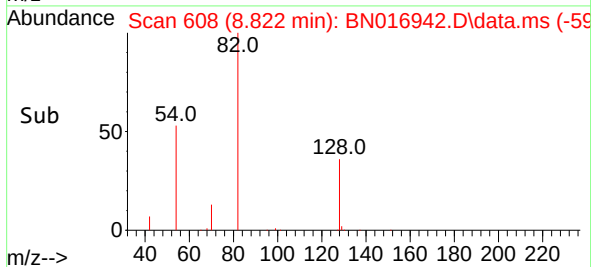
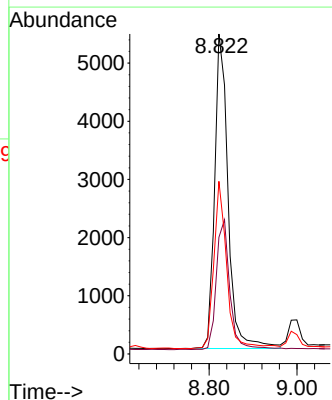
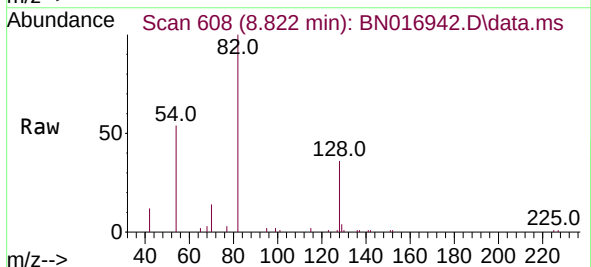


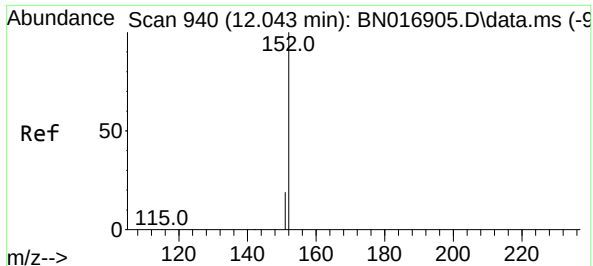
Tgt Ion:136	Resp:	87107
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	8.1	3.7 5.5#
68	6.7	3.2 4.8#



#8
Nitrobenzene-d5
Concen: 0.208 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion: 82	Resp:	11498
Ion Ratio	Lower	Upper
82	100	
128	36.5	28.3 42.5
54	54.0	43.0 64.4

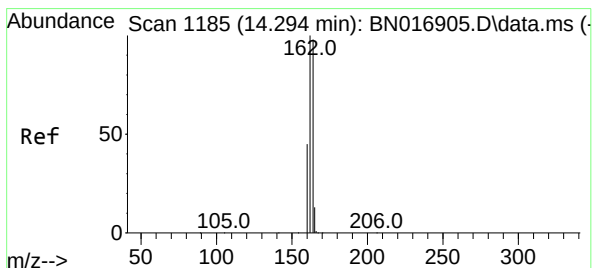
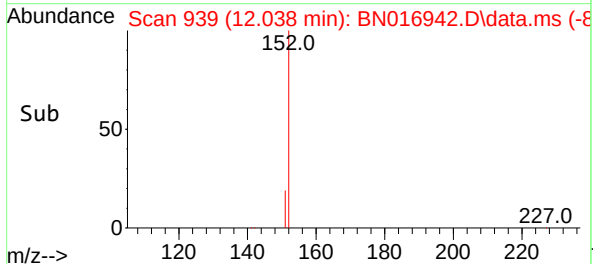
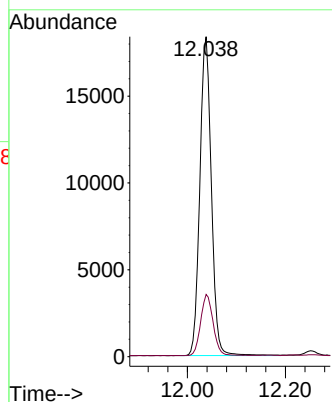
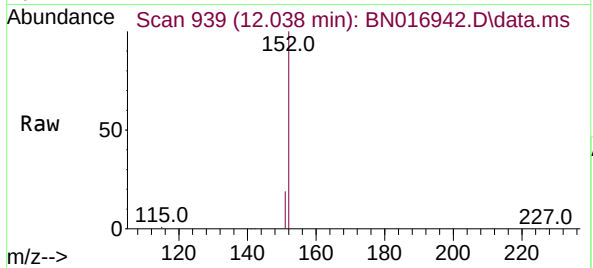




#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

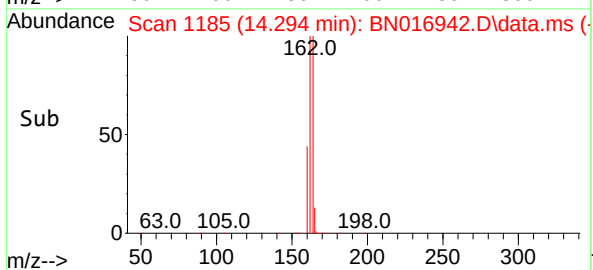
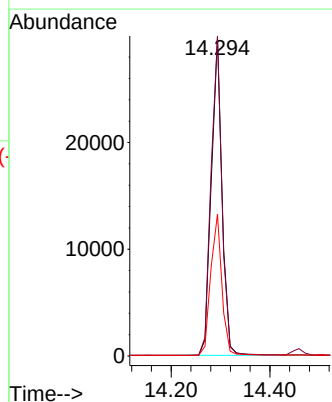
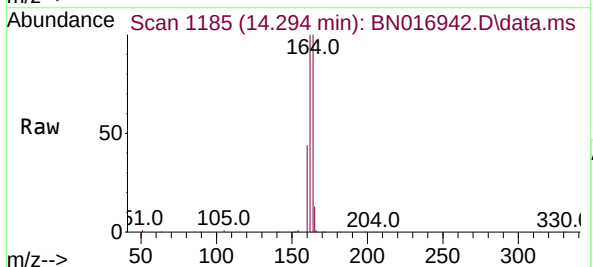
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

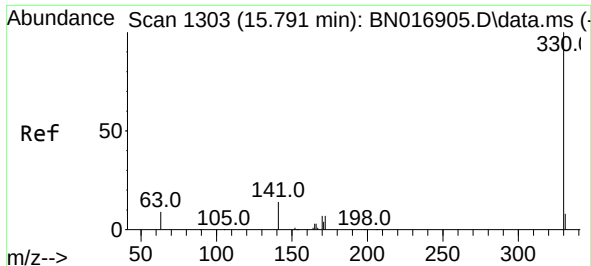
Tgt Ion:152 Resp: 29866
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion:164 Resp: 45093
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.4 37.0 55.4

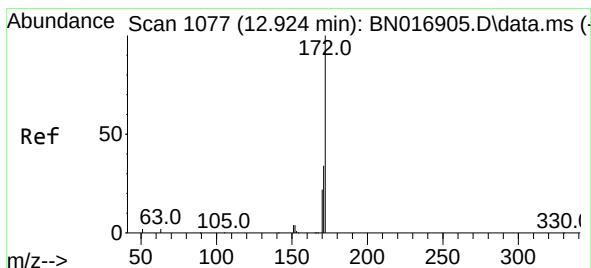
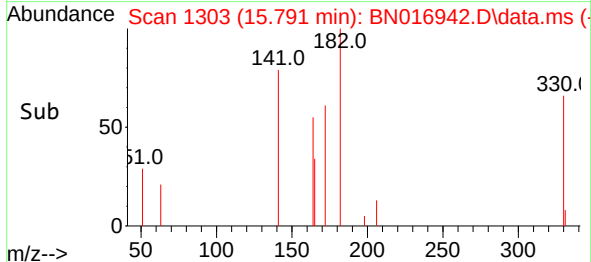
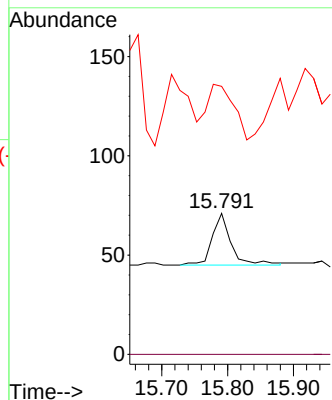
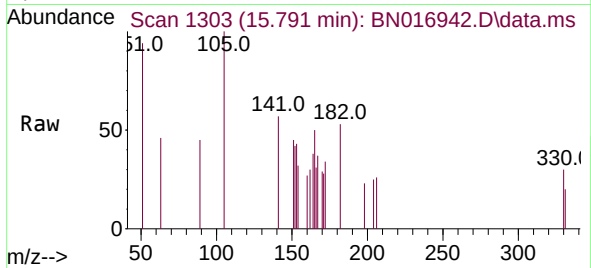




#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

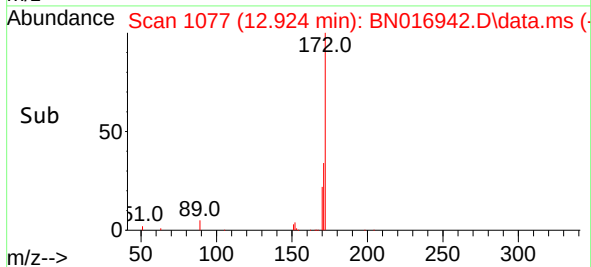
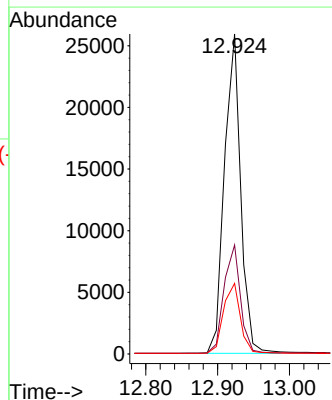
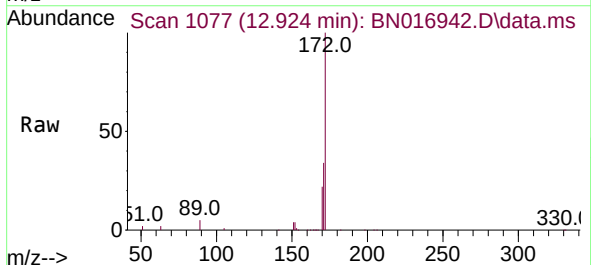
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

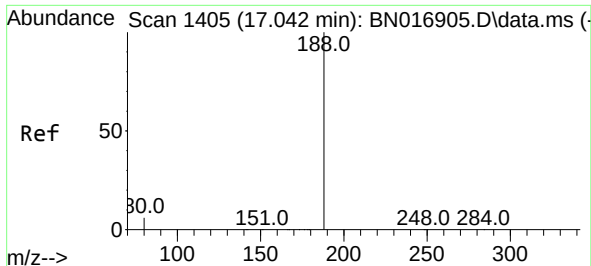
Tgt Ion:330 Resp: 52
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 150.0 24.4 36.6#



#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion:172 Resp: 40655
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.1 18.1 27.1

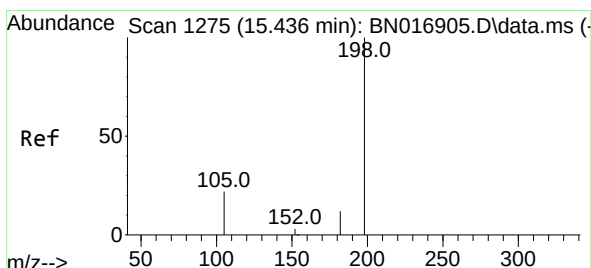
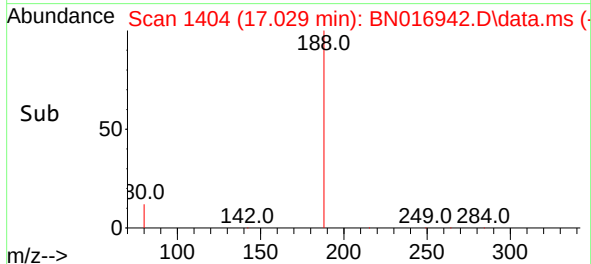
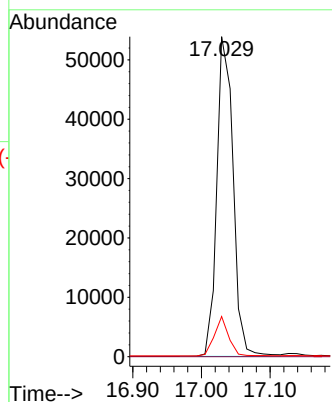
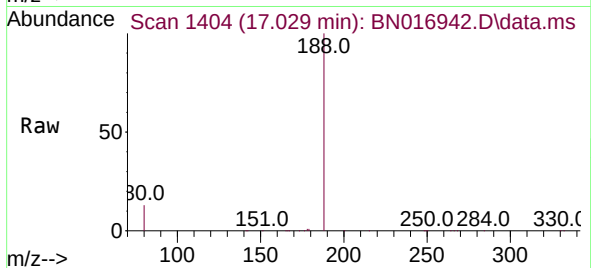




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

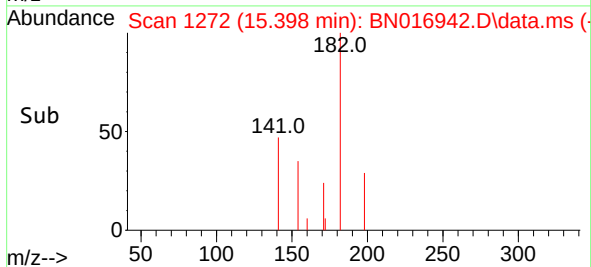
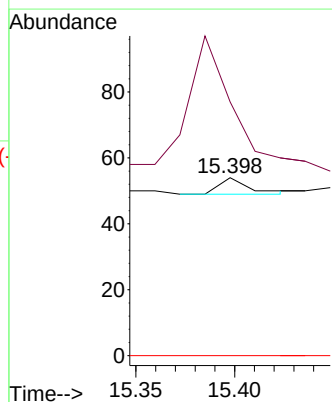
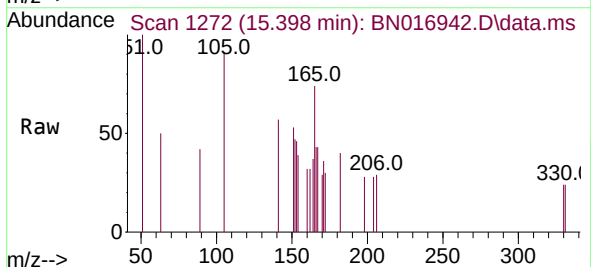
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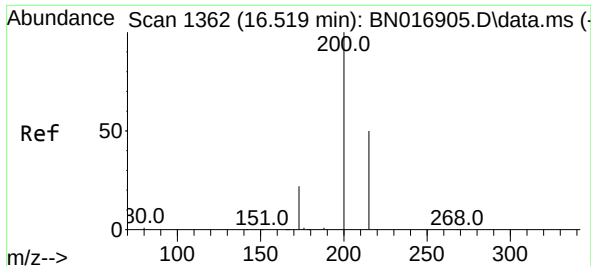
Tgt Ion:188 Resp: 88514
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 142.6 11.0 16.6#
77 0.0 0.0 0.0

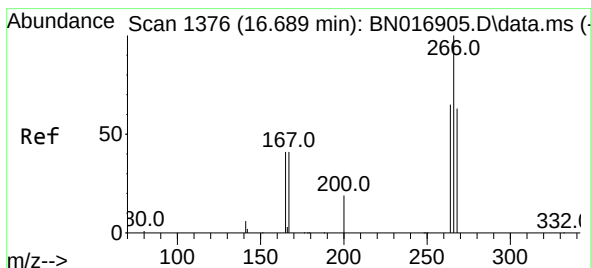
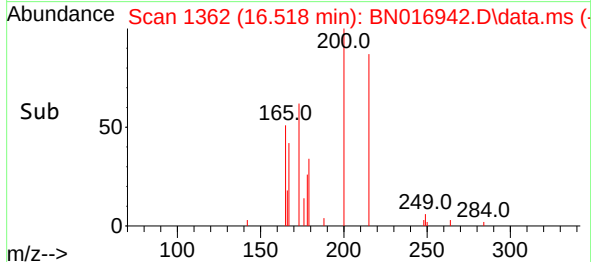
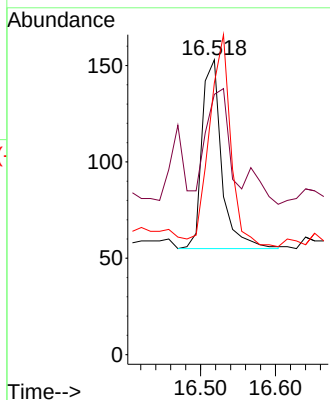
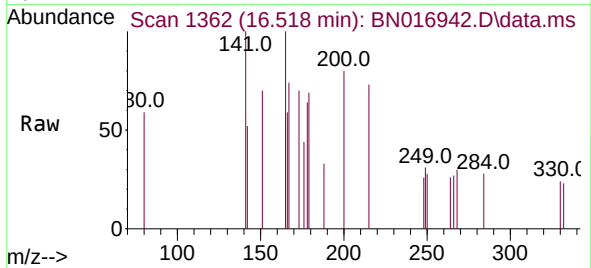




#23
Atrazine
Concen: 0.093 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.001 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

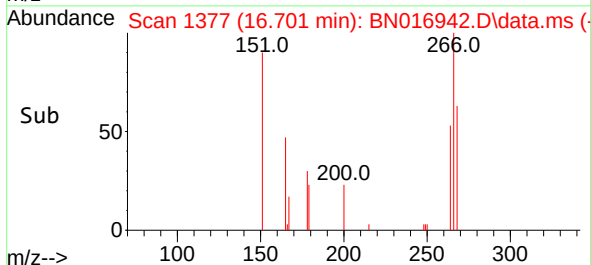
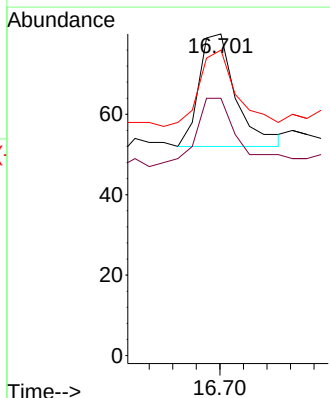
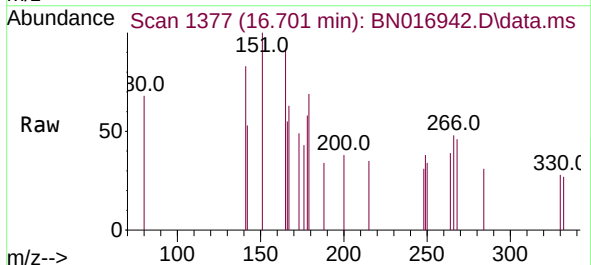
Instrument :
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SW-RR-01-(2.0)

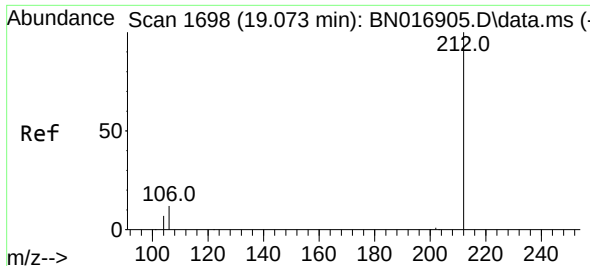
Tgt Ion:200 Resp: 179
Ion Ratio Lower Upper
200 100
173 88.2 18.0 27.0#
215 92.2 40.0 60.0#



#24
Pentachlorophenol
Concen: 0.200 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion:266 Resp: 61
Ion Ratio Lower Upper
266 100
264 75.4 50.5 75.7
268 68.9 51.2 76.8

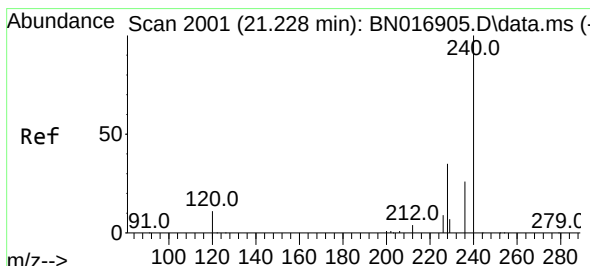
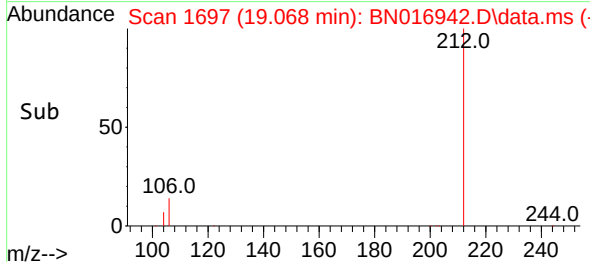
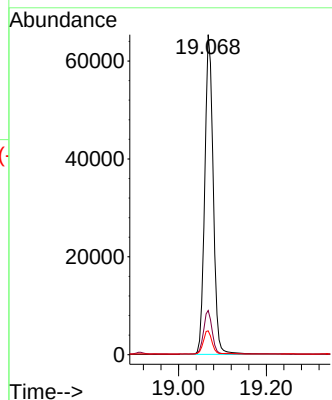
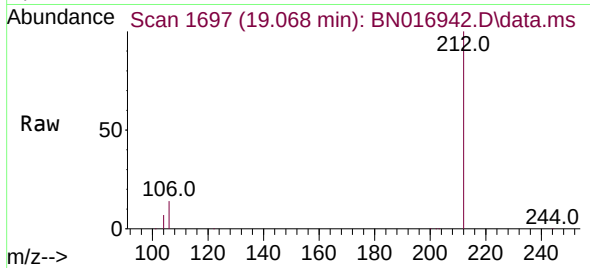




#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

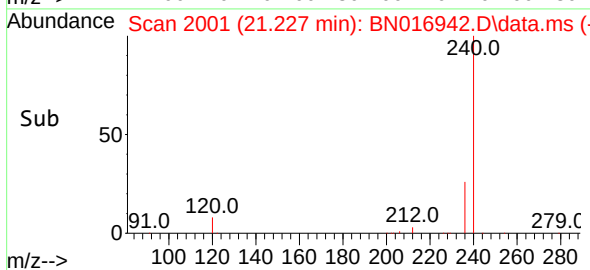
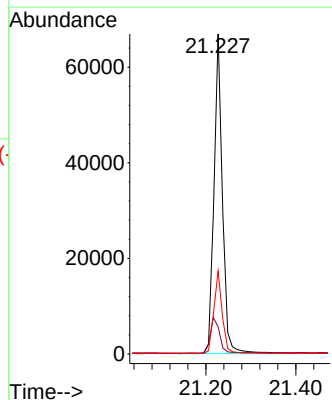
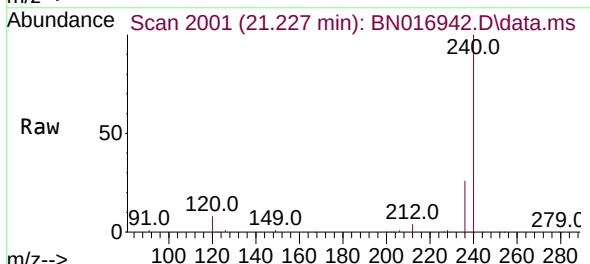
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

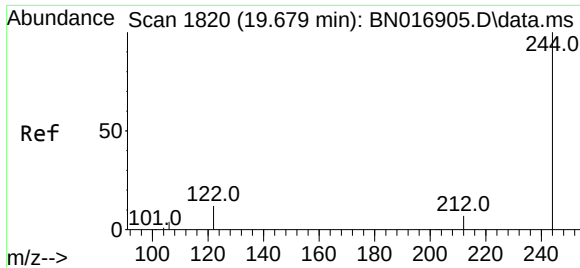
Tgt Ion:212 Resp: 87411
Ion Ratio Lower Upper
212 100
106 13.6 10.7 16.1
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016942.D
Acq: 14 Oct 2021 00:06

Tgt Ion:240 Resp: 86900
Ion Ratio Lower Upper
240 100
120 8.5 8.6 12.8#
236 25.8 21.0 31.4

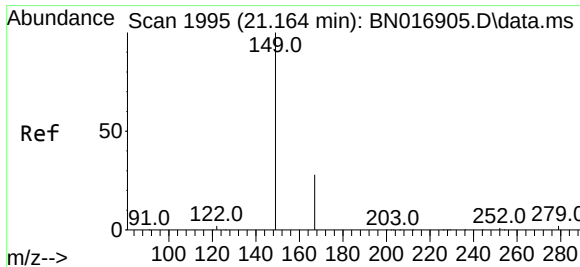
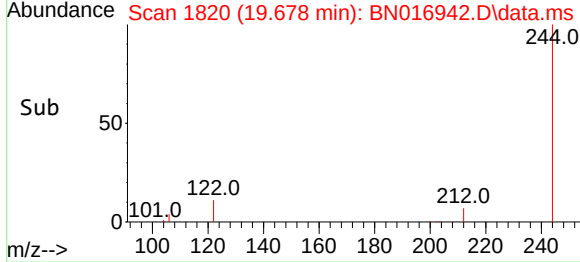
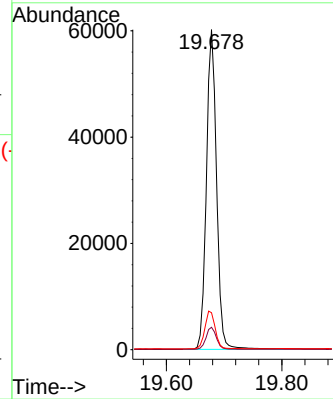
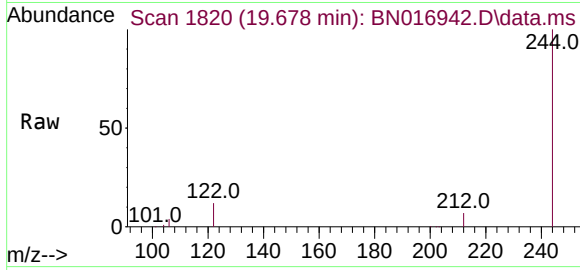




#31
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BN016942.D
 Acq: 14 Oct 2021 00:06

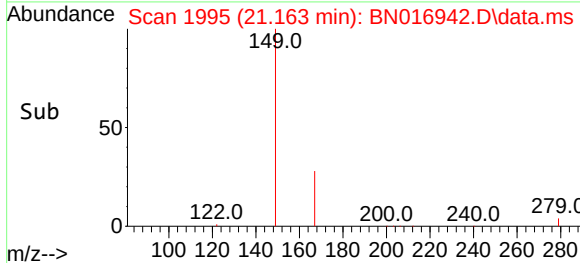
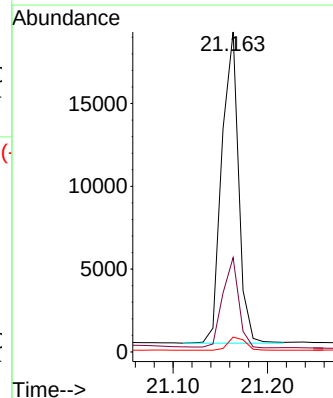
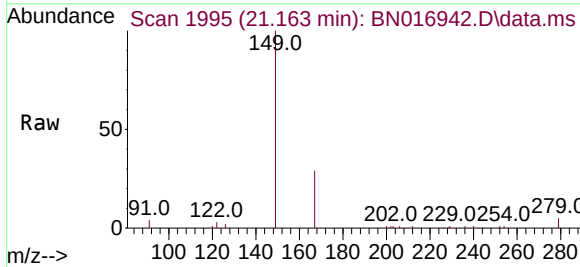
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

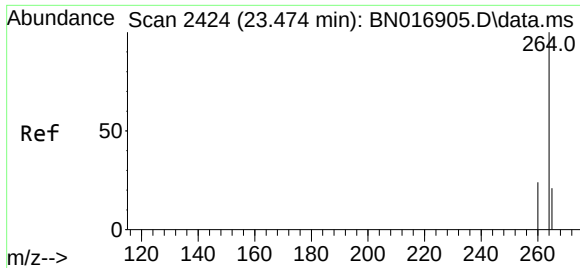
Tgt Ion:244	Resp:	73581
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	11.5	9.8 14.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.331 ng
 RT: 21.163 min Scan# 1995
 Delta R.T. -0.001 min
 Lab File: BN016942.D
 Acq: 14 Oct 2021 00:06

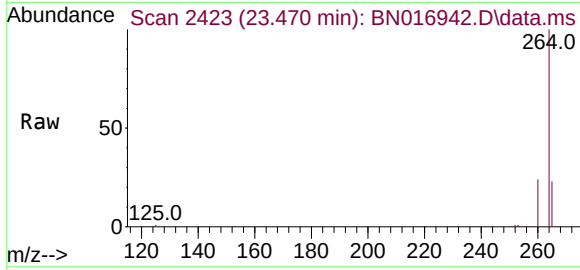
Tgt Ion:149	Resp:	23165
Ion Ratio	Lower	Upper
149	100	
167	27.7	22.1 33.1
279	4.4	3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.470 min Scan# 2423
 Delta R.T. -0.004 min
 Lab File: BN016942.D
 Acq: 14 Oct 2021 00:06

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)



Tgt Ion:264 Resp: 85433

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	23.1	18.6	27.8

