

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
 Data File : BN014818.D
 Acq On : 01 Jun 2021 18:41
 Operator : CG/JU
 Sample : PB136575BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB136575BL

Quant Time: Jun 02 01:37:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 01 17:40:45 2021
 Response via : Initial Calibration

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

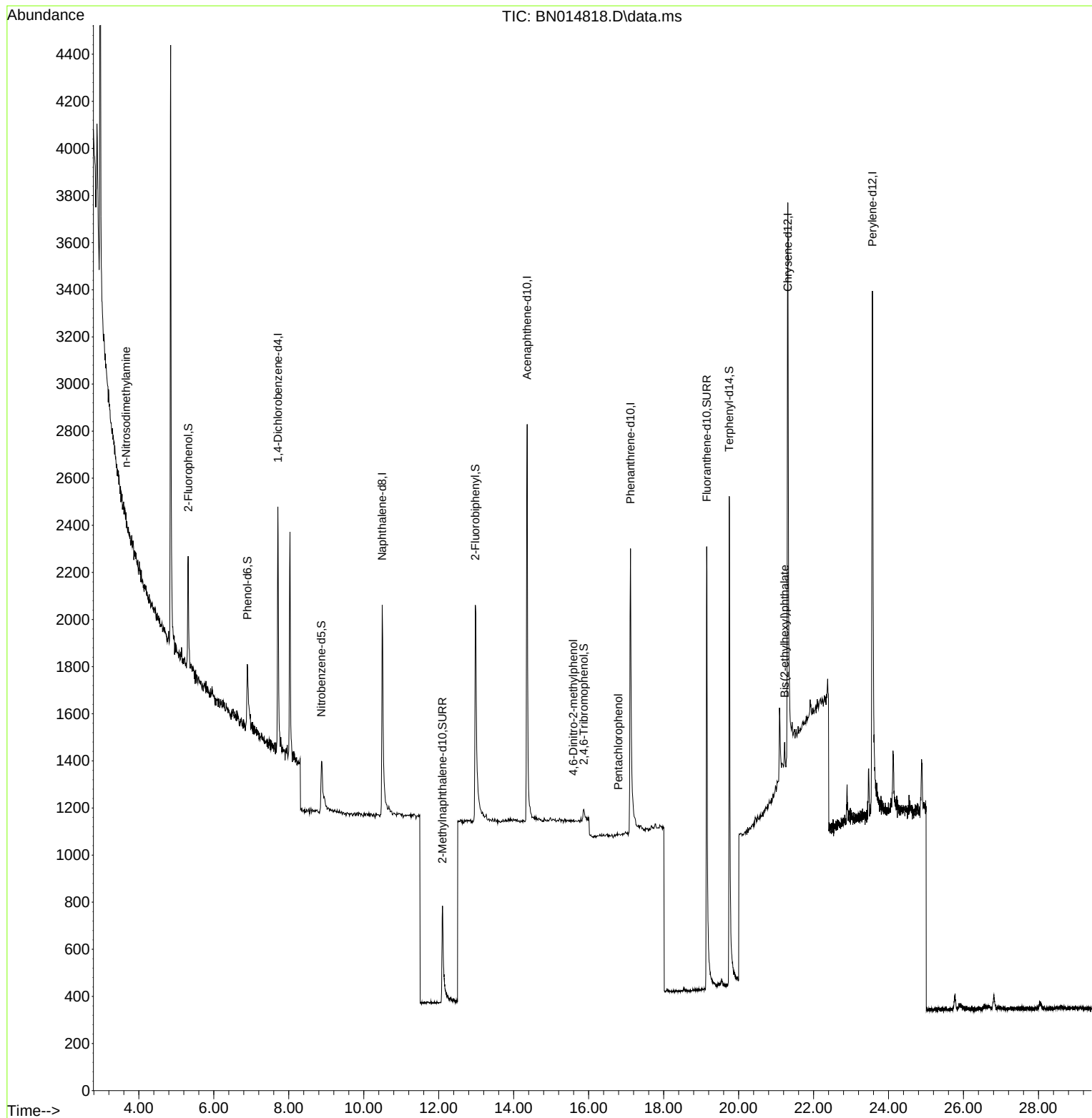
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	593	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	1902	0.40	ng	0.00
13) Acenaphthene-d10	14.359	164	1338	0.40	ng	0.01
19) Phenanthrene-d10	17.116	188	2984	0.40	ng	0.01
29) Chrysene-d12	21.314	240	3804	0.40	ng	# 0.01
35) Perylene-d12	23.568	264	3955	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	463	0.30	ng	0.00
5) Phenol-d6	6.895	99	406	0.20	ng	0.00
8) Nitrobenzene-d5	8.870	82	487	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.098	152	989	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	87	0.12	ng	0.01
15) 2-Fluorobiphenyl	12.976	172	1485	0.30	ng	0.00
27) Fluoranthene-d10	19.149	212	3404	0.31	ng	0.00
31) Terphenyl-d14	19.749	244	3501	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	17	Below Cal	#	31
3) n-Nitrosodimethylamine	3.658	42	9	0.05	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.590	198	2	0.23	ng	# 66
24) Pentachlorophenol	16.788	266	3	0.24	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.229	149	134	0.04	ng	# 92

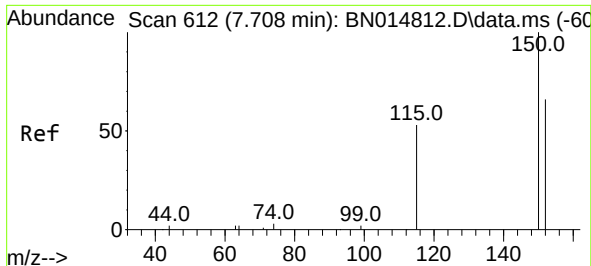
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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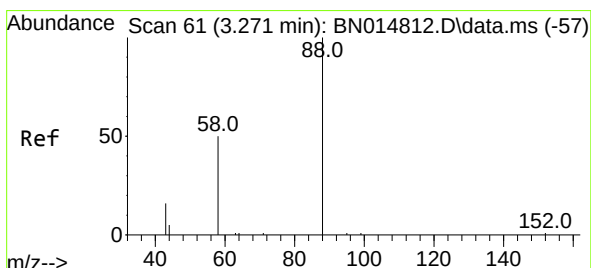
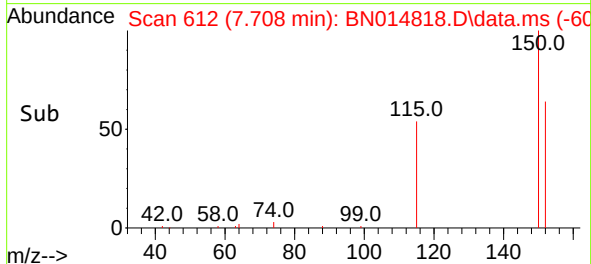
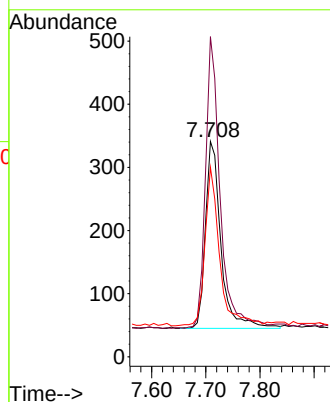
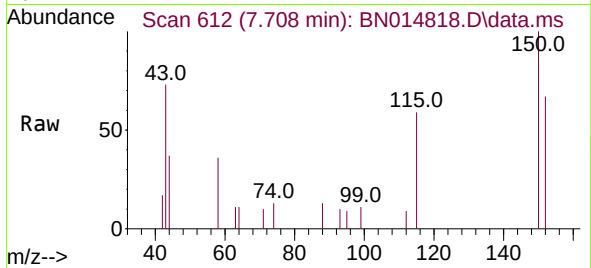


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.708 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: BN014818.D
 Acq: 01 Jun 2021 18:41

Instrument :
 BNA_N
 ClientSampleId :
 PB136575BL

Tgt Ion:152 Resp: 593

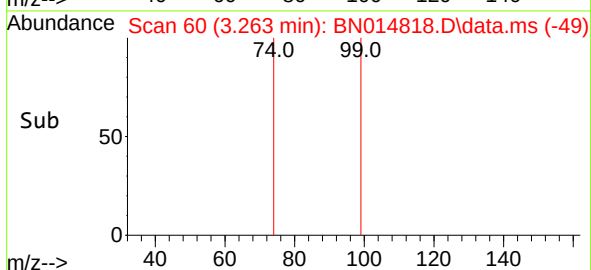
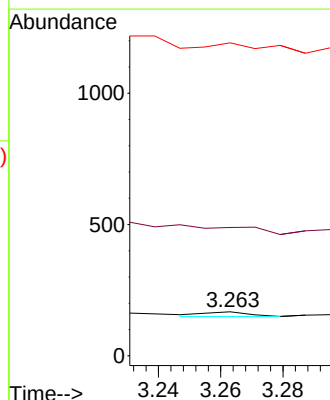
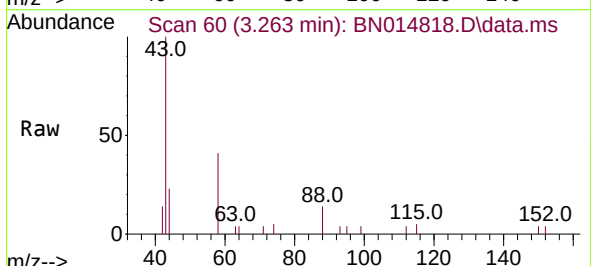
Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.4	185.2
115	88.0	73.2	109.8

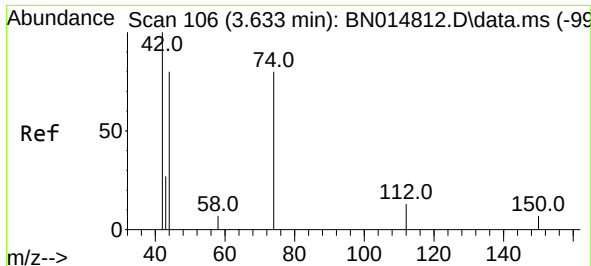


#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN014818.D
 Acq: 01 Jun 2021 18:41

Tgt Ion: 88 Resp: 17

Ion	Ratio	Lower	Upper
88	100		
58	0.0	44.7	67.1#
43	0.0	21.0	31.6#





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.658 min Scan# 109

Delta R.T. 0.024 min

Lab File: BN014818.D

Acq: 01 Jun 2021 18:41

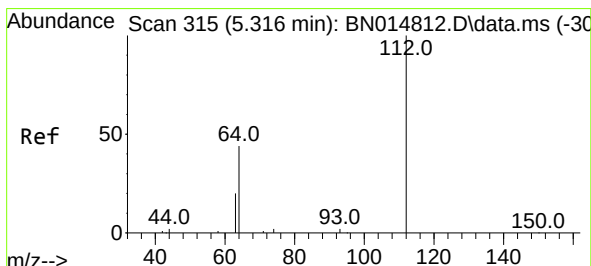
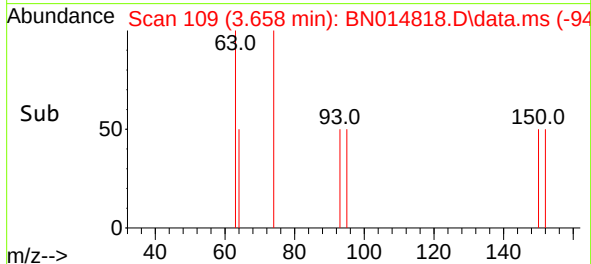
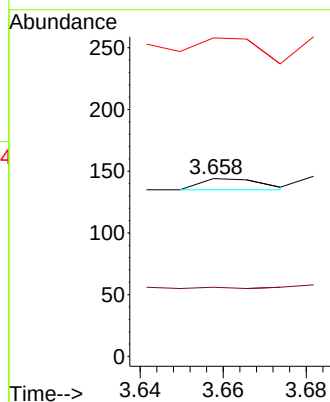
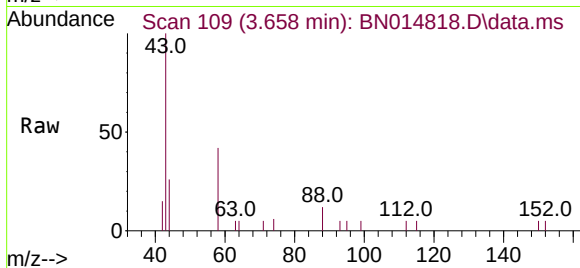
Tgt Ion:	42	Resp:	9
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	80.0	120.0

Instrument :

BNA_N

ClientSampleId :

PB136575BL



#4

2-Fluorophenol

Concen: 0.30 ng

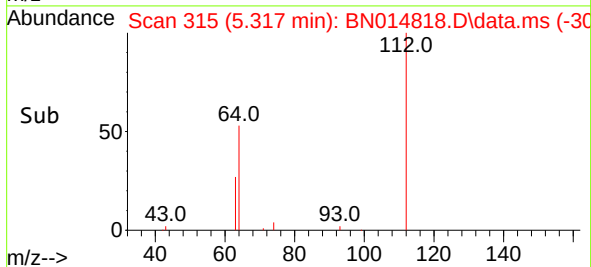
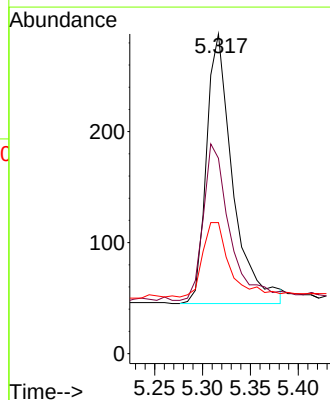
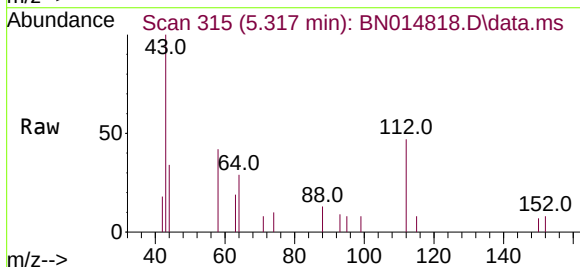
RT: 5.317 min Scan# 315

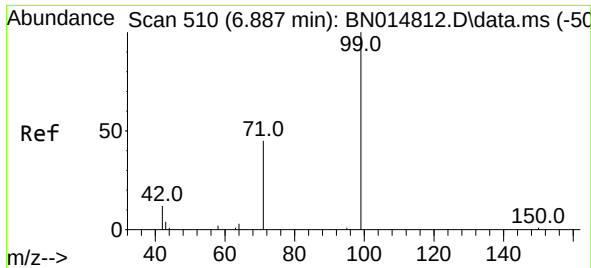
Delta R.T. 0.000 min

Lab File: BN014818.D

Acq: 01 Jun 2021 18:41

Tgt Ion:	112	Resp:	463
Ion	Ratio	Lower	Upper
112	100		
64	57.9	43.6	65.4
63	28.9	25.0	37.6

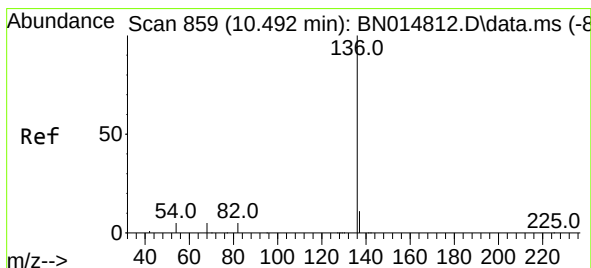
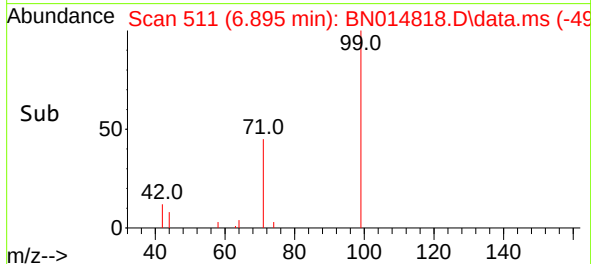
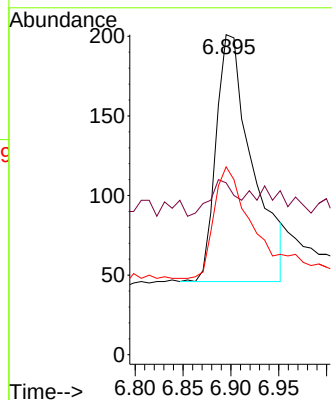
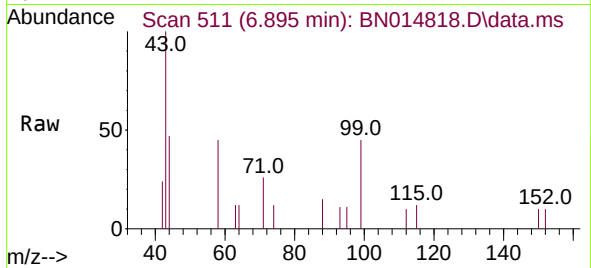




#5
Phenol-d6
Concen: 0.20 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.008 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

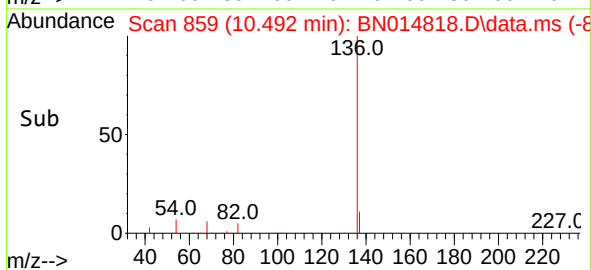
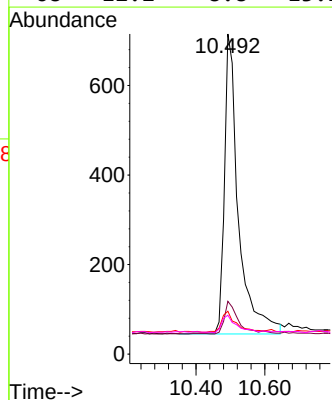
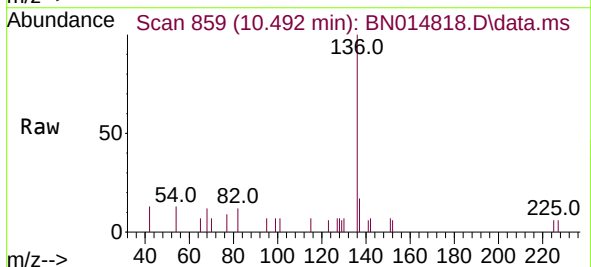
Instrument :
BNA_N
ClientSampleId :
PB136575BL

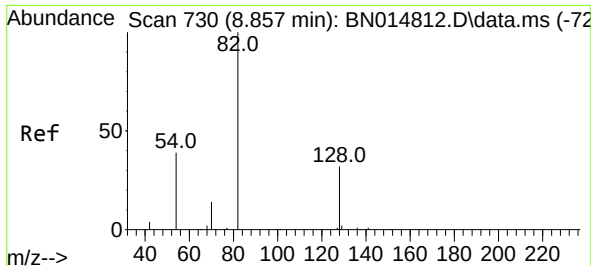
Tgt Ion:	99	Resp:	406
Ion	Ratio	Lower	Upper
99	100		
42	10.3	10.2	15.2
71	44.1	32.4	48.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion:	136	Resp:	1902
Ion	Ratio	Lower	Upper
136	100		
137	16.5	13.2	19.8
54	13.4	9.0	13.4
68	12.2	8.8	13.2

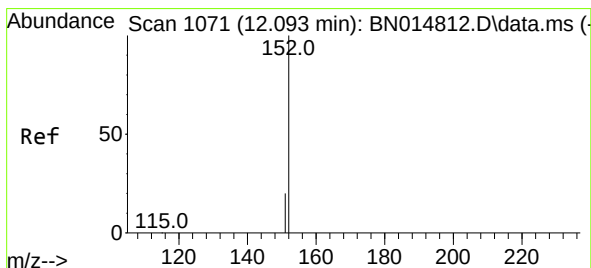
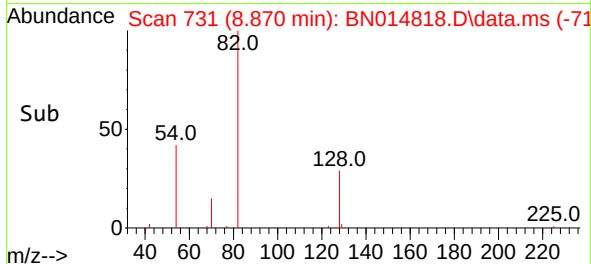
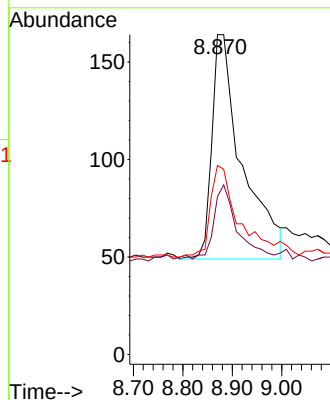
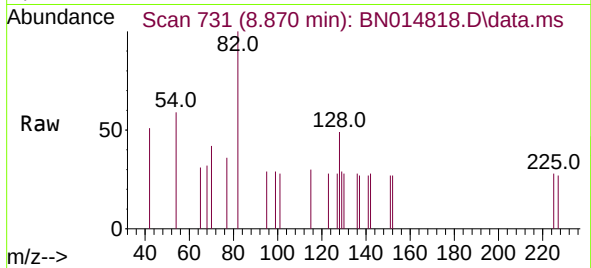




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.013 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

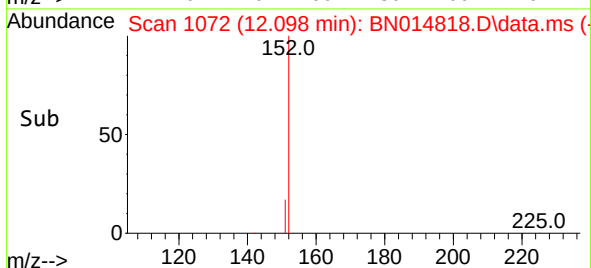
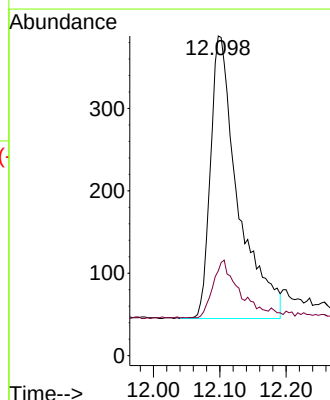
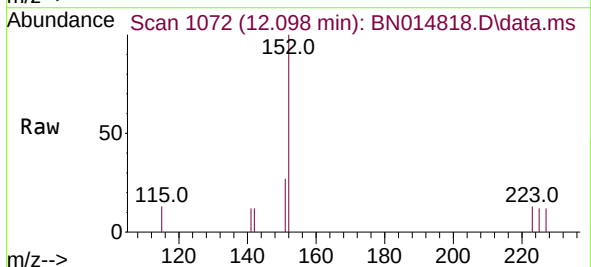
Instrument :
BNA_N
ClientSampleId :
PB136575BL

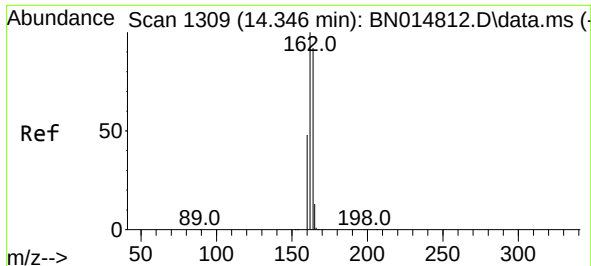
Tgt Ion: 82 Resp: 487
Ion Ratio Lower Upper
82 100
128 49.4 34.2 51.2
54 59.1 38.4 57.6#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.098 min Scan# 1072
Delta R.T. 0.005 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion: 152 Resp: 989
Ion Ratio Lower Upper
152 100
151 19.2 16.8 25.2

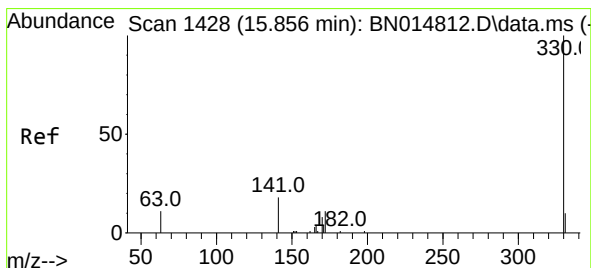
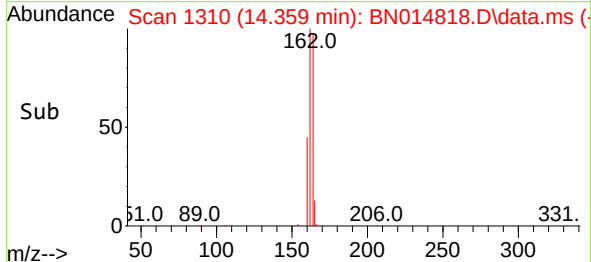
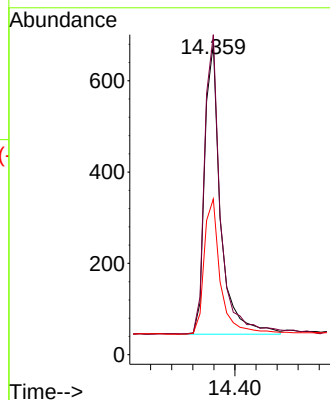
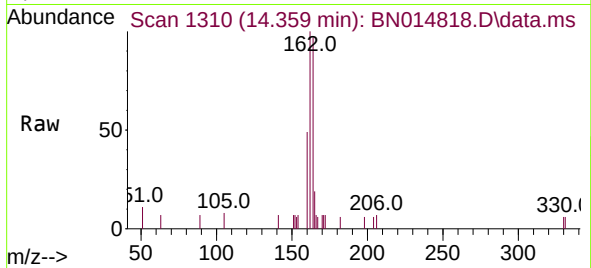




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.013 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

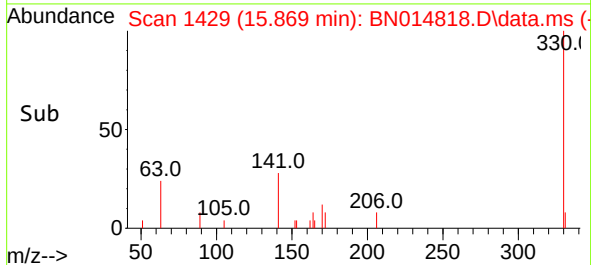
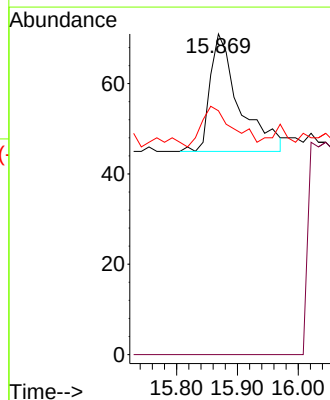
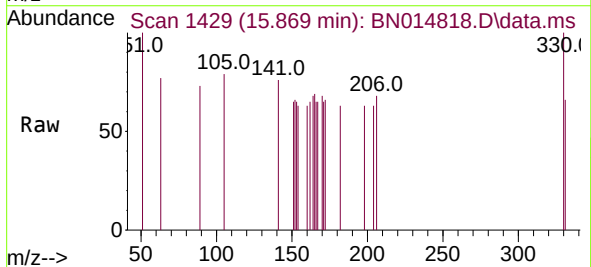
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ClientSampleId :
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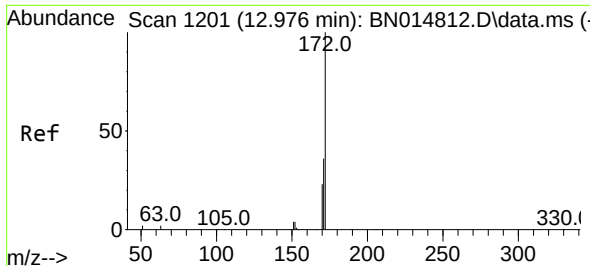
Tgt Ion:164 Resp: 1338
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 50.0 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.013 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion:330 Resp: 87
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 21.8 32.6#

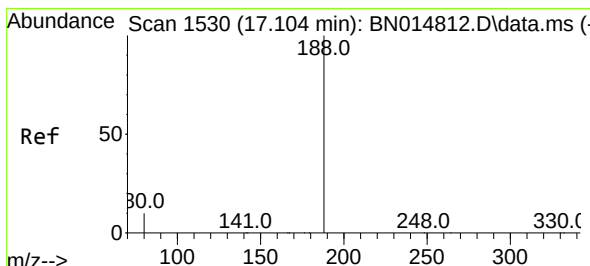
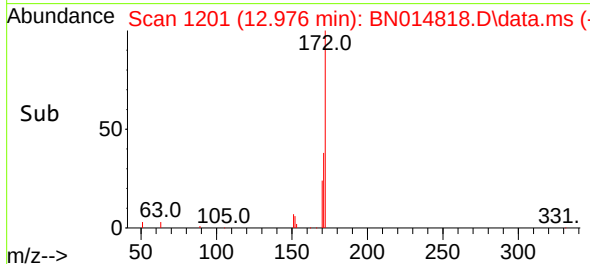
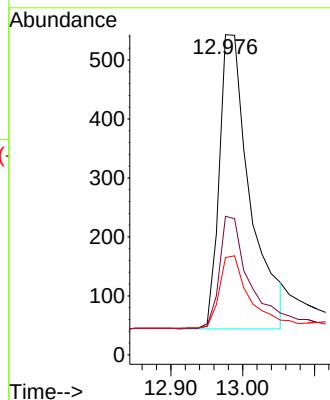
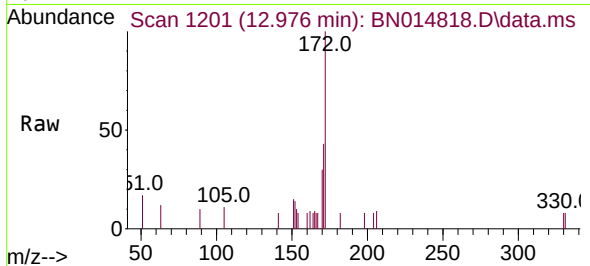




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

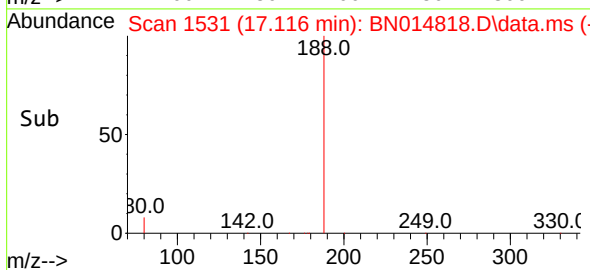
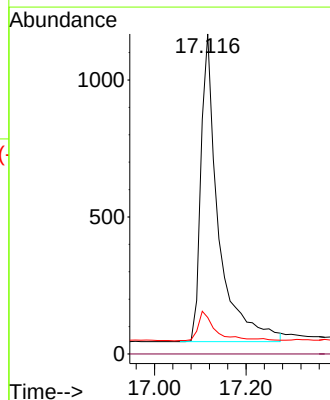
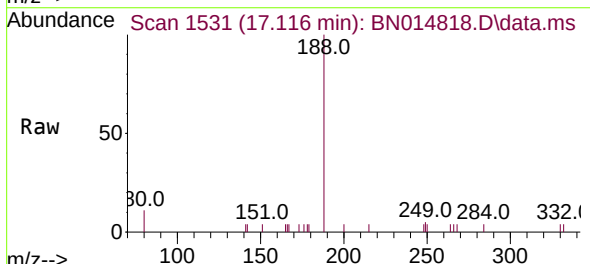
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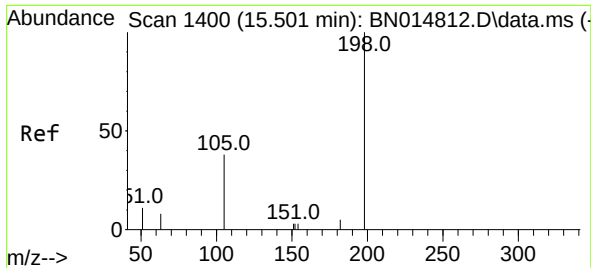
Tgt Ion:	172	Resp:	1485
Ion	Ratio	Lower	Upper
172	100		
171	43.3	30.9	46.3
170	30.4	21.4	32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion:	188	Resp:	2984
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.2	12.4

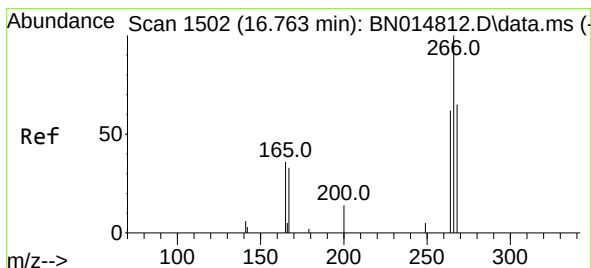
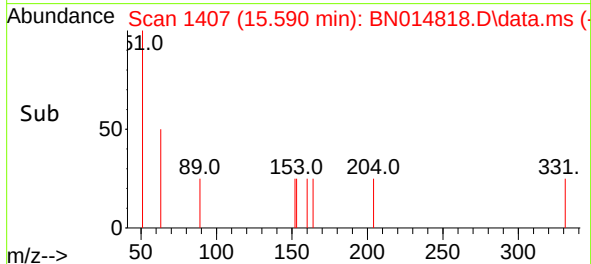
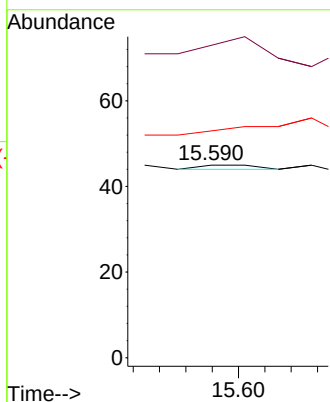
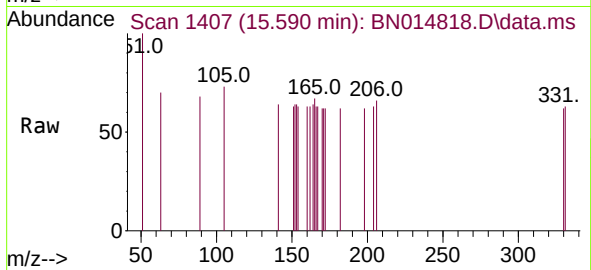




#20
4,6-Dinitro-2-methylphenol
Concen: 0.23 ng
RT: 15.590 min Scan# 1407
Delta R.T. 0.089 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

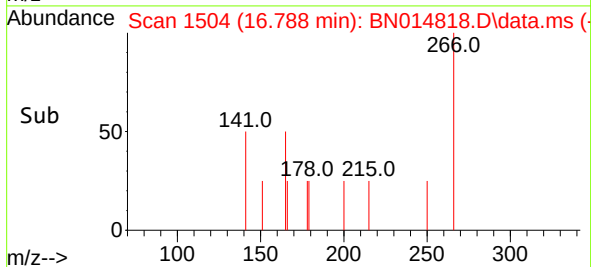
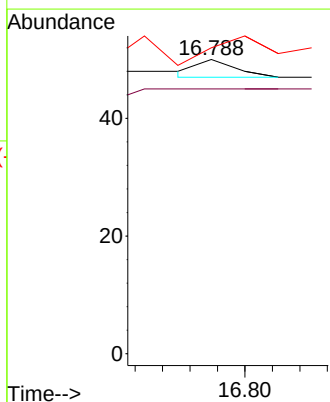
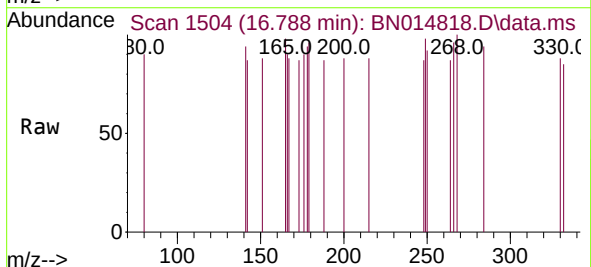
Instrument :
BNA_N
ClientSampleId :
PB136575BL

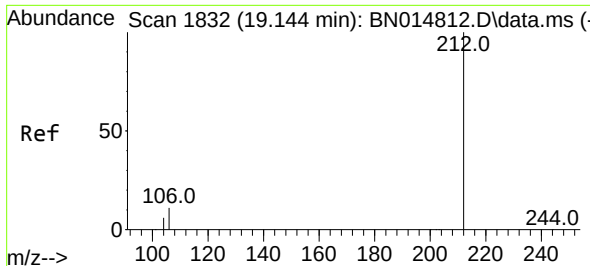
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 162.2 96.4 144.6#
105 117.8 72.3 108.5#



#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.025 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 0.0 44.2 66.2#
268 433.3 44.2 66.2#

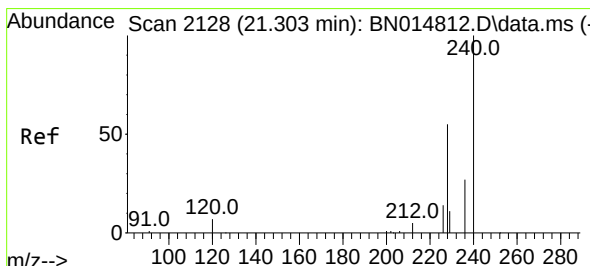
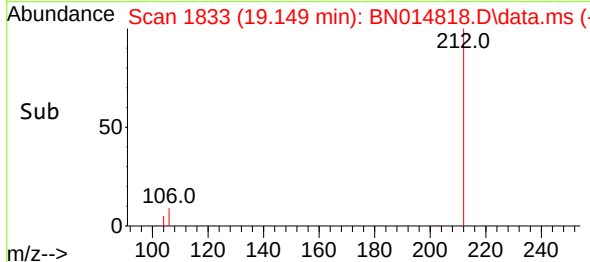
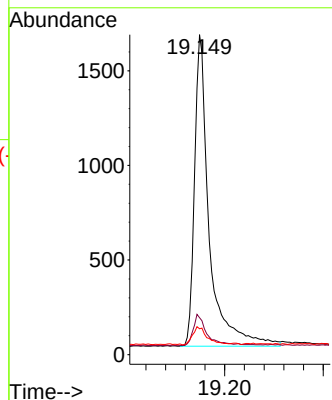
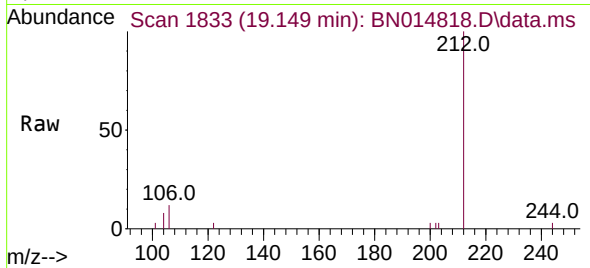




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.149 min Scan# 1833
Delta R.T. 0.005 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

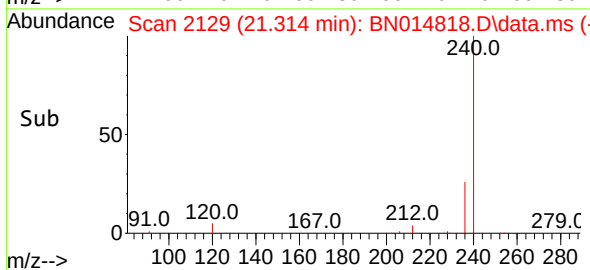
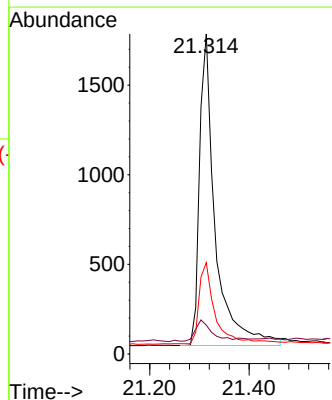
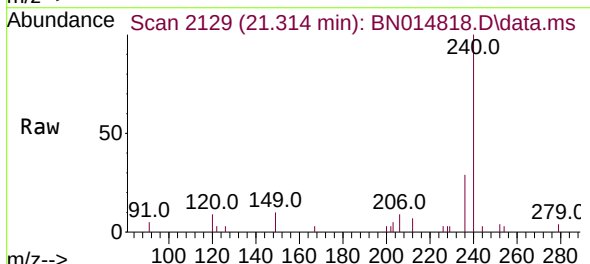
Instrument :
BNA_N
ClientSampleId :
PB136575BL

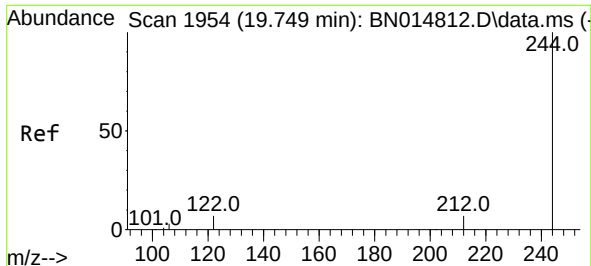
Tgt Ion:212 Resp: 3404
Ion Ratio Lower Upper
212 100
106 9.0 7.4 11.2
104 5.7 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. 0.011 min
Lab File: BN014818.D
Acq: 01 Jun 2021 18:41

Tgt Ion:240 Resp: 3804
Ion Ratio Lower Upper
240 100
120 9.0 5.2 7.8#
236 28.6 21.6 32.4

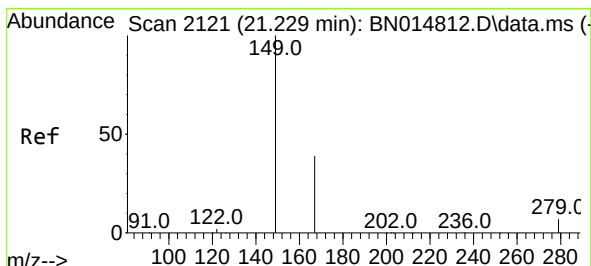
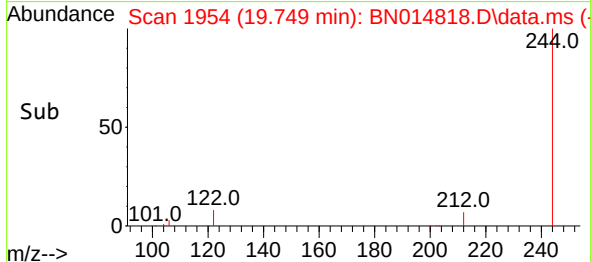
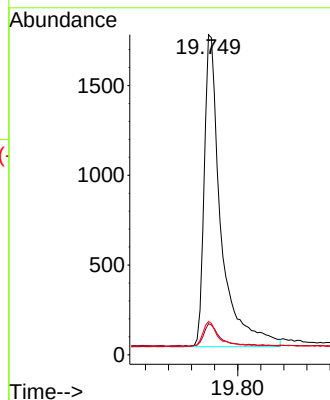
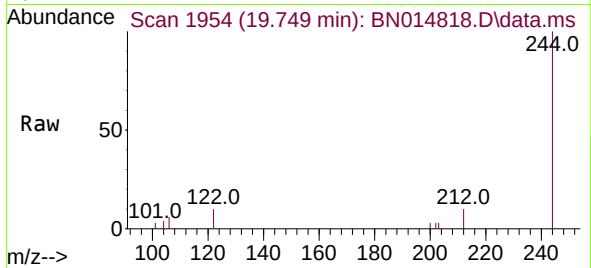




#31
 Terphenyl-d14
 Concen: 0.39 ng
 RT: 19.749 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: BN014818.D
 Acq: 01 Jun 2021 18:41

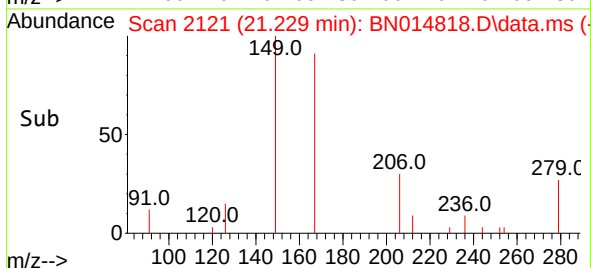
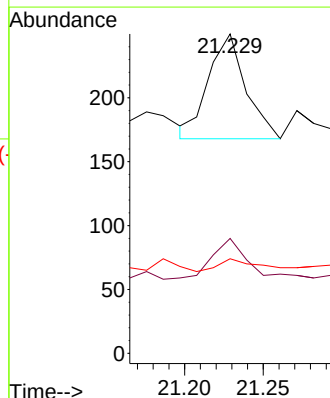
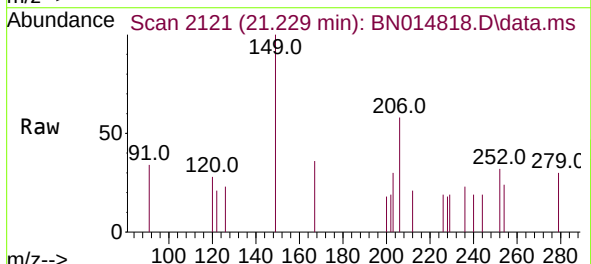
Instrument :
 BNA_N
 ClientSampleId :
 PB136575BL

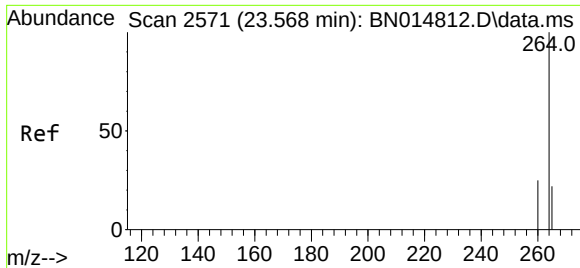
Tgt Ion:244	Resp:	3501
Ion Ratio	Lower	Upper
244	100	
212	9.7	6.8 10.2
122	10.4	6.6 9.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.229 min Scan# 2121
 Delta R.T. 0.000 min
 Lab File: BN014818.D
 Acq: 01 Jun 2021 18:41

Tgt Ion:149	Resp:	134
Ion Ratio	Lower	Upper
149	100	
167	38.8	28.3 42.5
279	12.7	5.5 8.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.568 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BN014818.D
 Acq: 01 Jun 2021 18:41

Instrument :
 BNA_N
 ClientSampleId :
 PB136575BL

Tgt Ion:264	Resp:	3955
Ion	Ratio	Lower Upper
264	100	
260	27.4	21.4 32.2
265	58.5	40.9 61.3

