

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
 Data File : BN014819.D
 Acq On : 01 Jun 2021 19:52
 Operator : CG/JU
 Sample : SP5577
 Misc : 8270 SIM SURROGATE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5577

Quant Time: Jun 02 01:38:00 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)

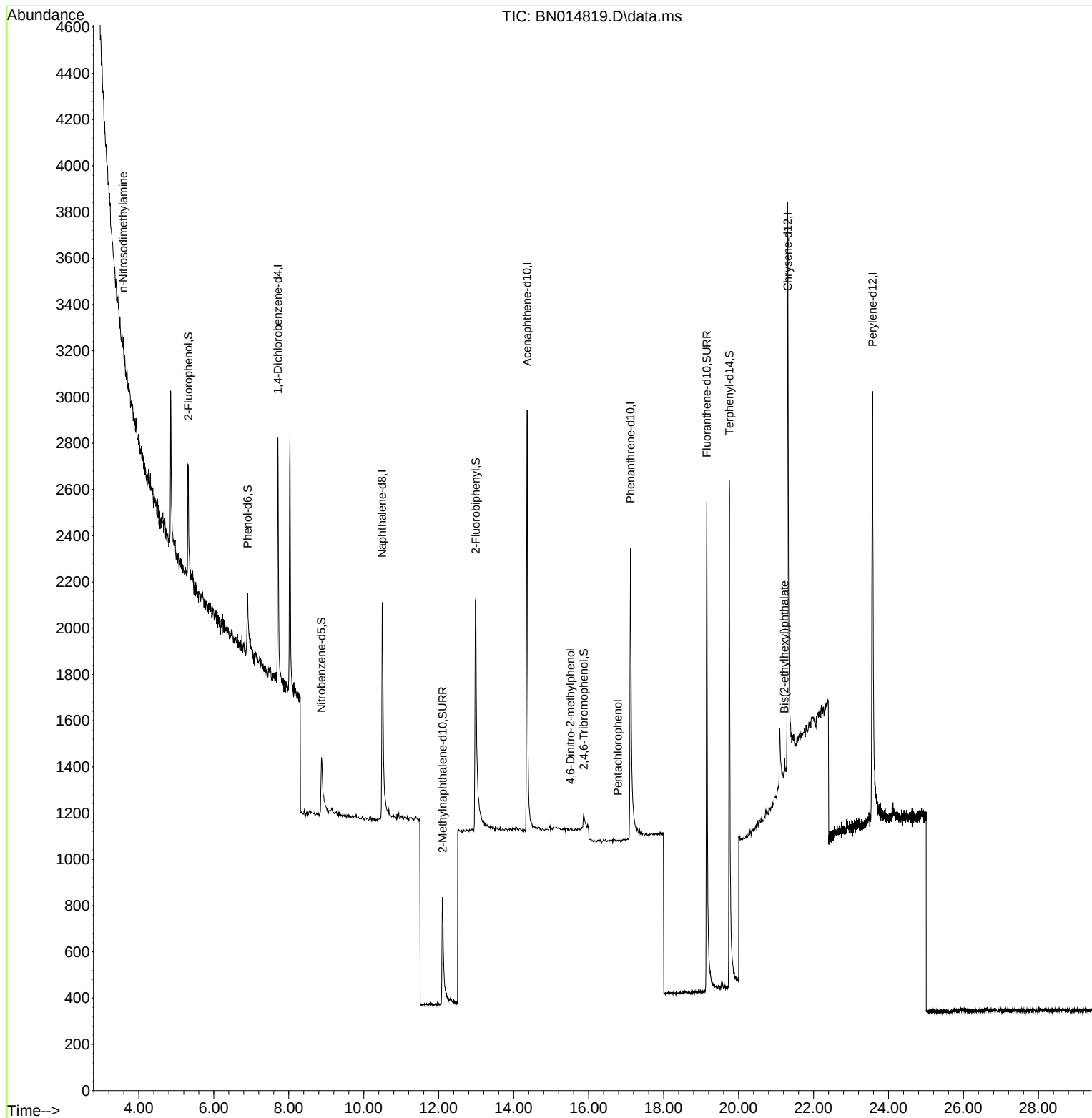
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	610	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2031	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	1449	0.40	ng	0.01
19) Phenanthrene-d10	17.116	188	3154	0.40	ng	# 0.01
29) Chrysene-d12	21.311	240	3863	0.40	ng	# 0.00
35) Perylene-d12	23.572	264	3519	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	493	0.31	ng	0.00
5) Phenol-d6	6.903	99	376	0.18	ng	0.02
8) Nitrobenzene-d5	8.870	82	537	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.102	152	1219	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	132	0.17	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	1661	0.31	ng	0.01
27) Fluoranthene-d10	19.151	212	3901	0.34	ng	0.00
31) Terphenyl-d14	19.752	244	3913	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	7	Below Cal	#	31
3) n-Nitrosodimethylamine	3.585	42	30	0.17	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.514	198	4	0.24	ng	# 83
24) Pentachlorophenol	16.775	266	12	0.25	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.226	149	71	0.02	ng	# 79

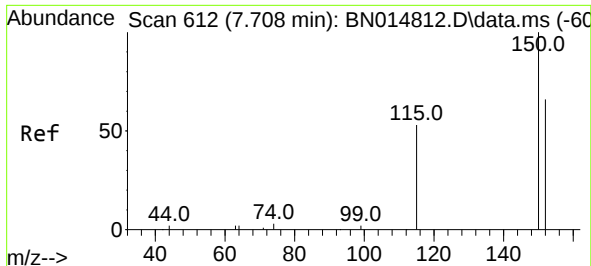
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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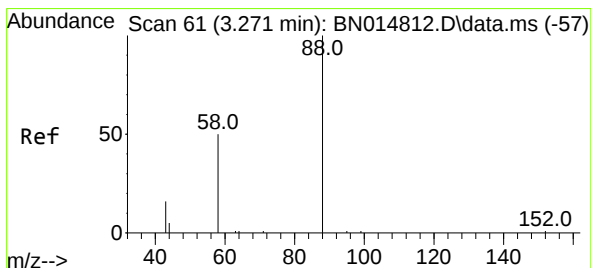
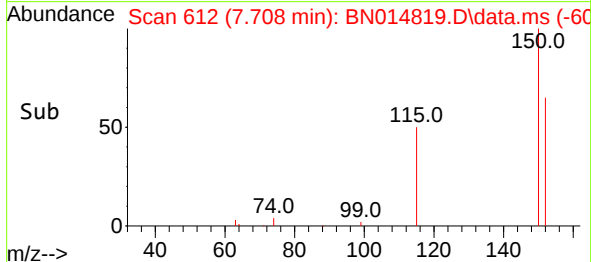
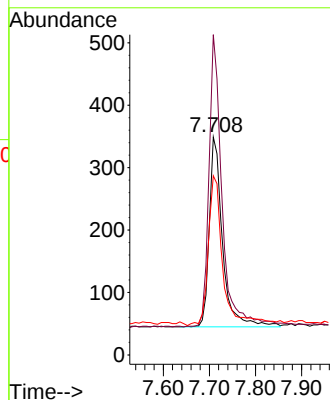
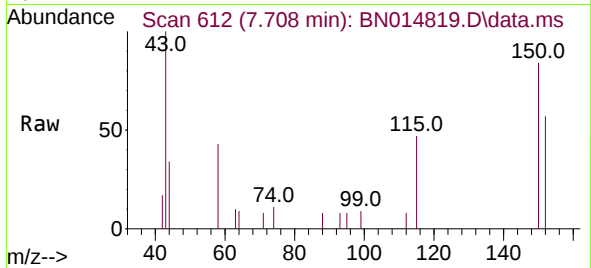




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.708 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: BN014819.D
 Acq: 01 Jun 2021 19:52

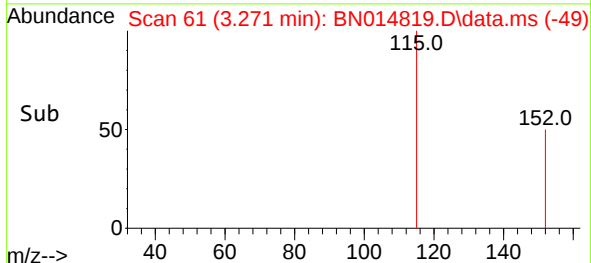
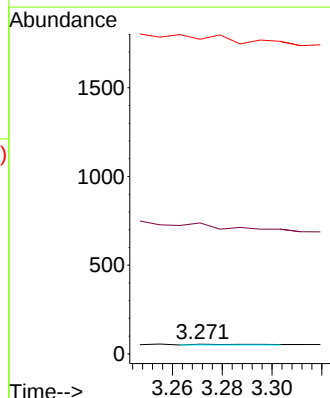
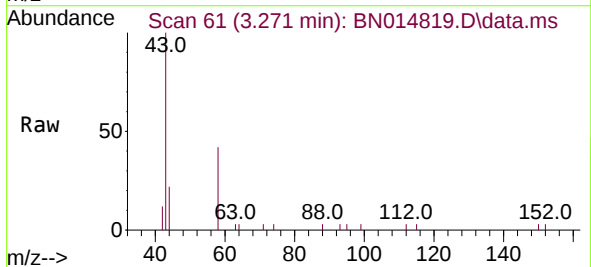
Instrument :
 BNA_N
 ClientSampled :
 SP5577

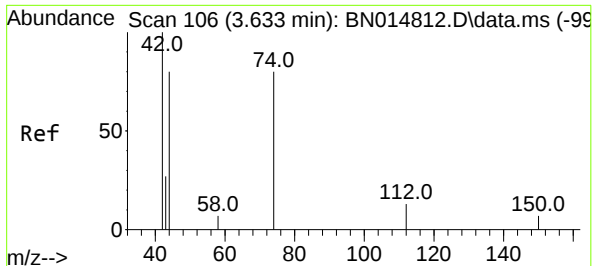
Tgt Ion: 152 Resp: 610
 Ion Ratio Lower Upper
 152 100
 150 147.0 123.4 185.2
 115 82.2 73.2 109.8



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.271 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN014819.D
 Acq: 01 Jun 2021 19:52

Tgt Ion: 88 Resp: 7
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#

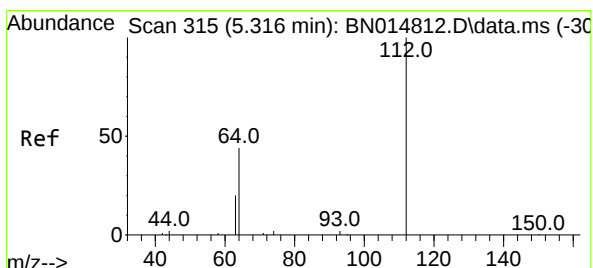
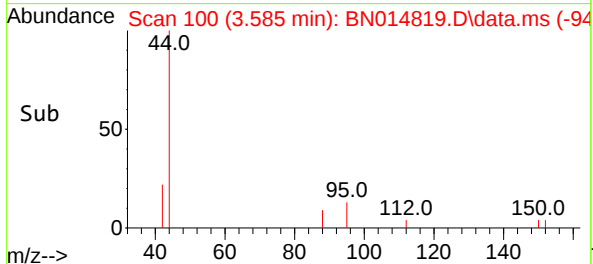
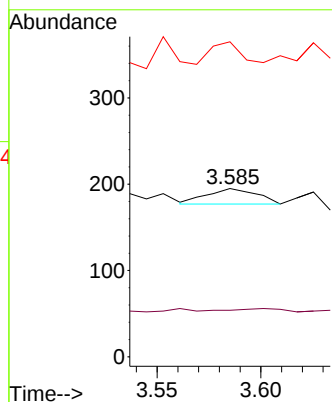
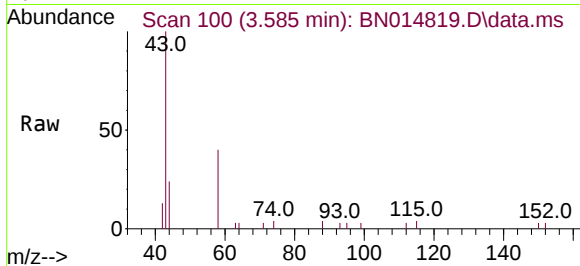




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.585 min Scan# 100
Delta R.T. -0.048 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

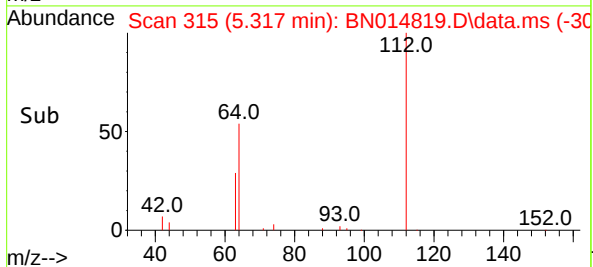
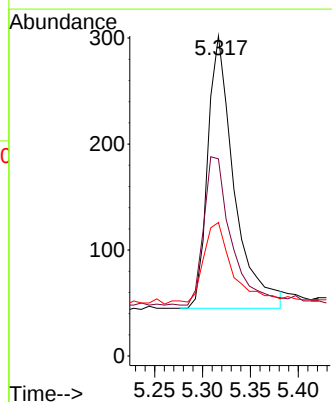
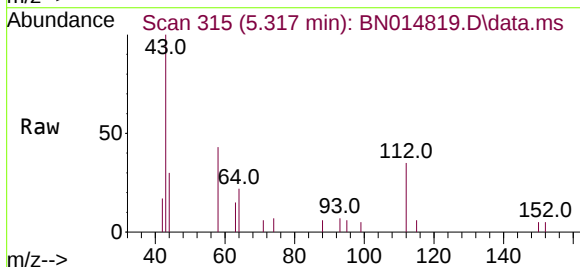
Instrument :
BNA_N
ClientSampleId :
SP5577

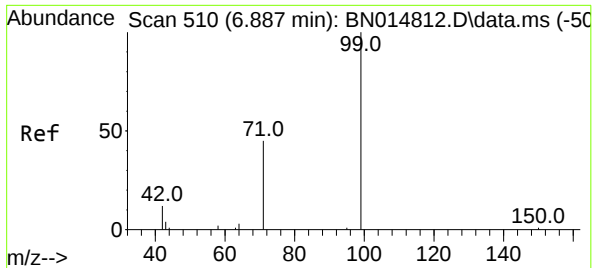
Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 16.7 0.0 0.0#
44 103.3 80.0 120.0



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion: 112 Resp: 493
Ion Ratio Lower Upper
112 100
64 57.2 43.6 65.4
63 34.1 25.0 37.6

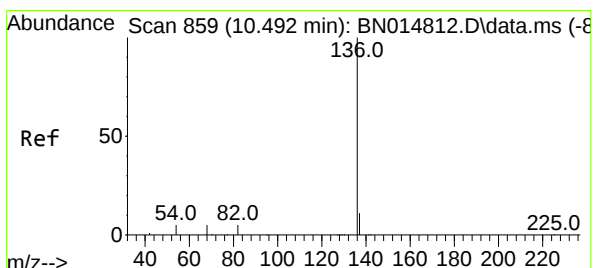
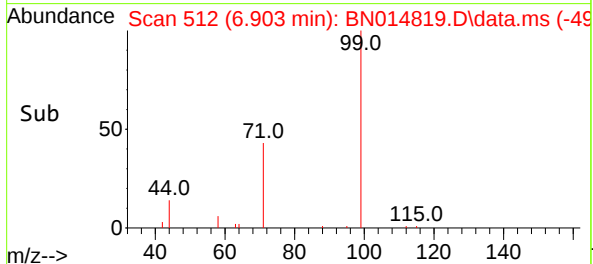
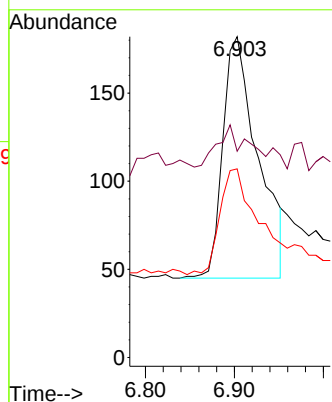
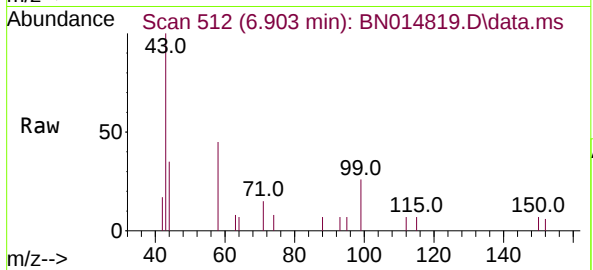




#5
Phenol-d6
Concen: 0.18 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.016 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

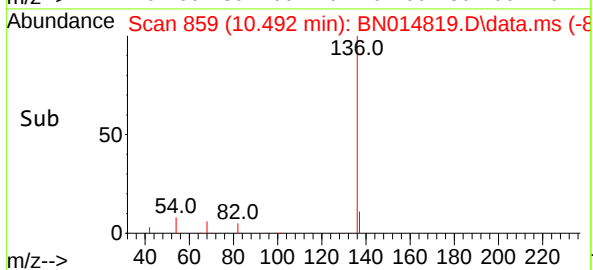
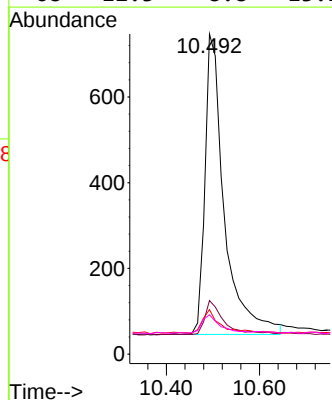
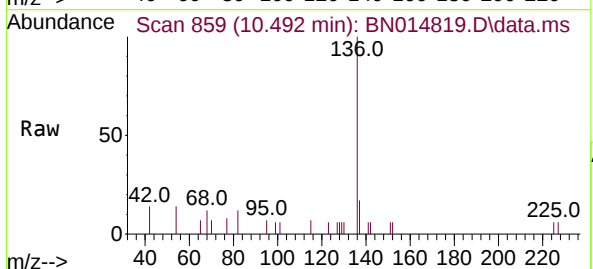
Instrument :
BNA_N
ClientSampleId :
SP5577

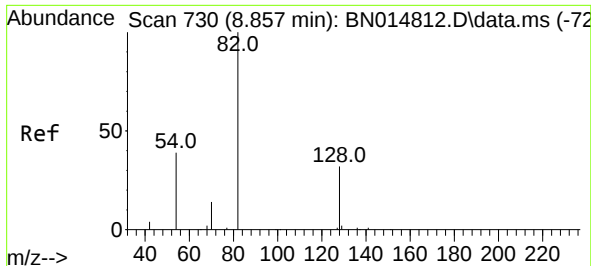
Tgt Ion: 99 Resp: 376
Ion Ratio Lower Upper
99 100
42 17.0 10.2 15.2#
71 47.3 32.4 48.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion: 136 Resp: 2031
Ion Ratio Lower Upper
136 100
137 16.7 13.2 19.8
54 13.9 9.0 13.4#
68 12.3 8.8 13.2

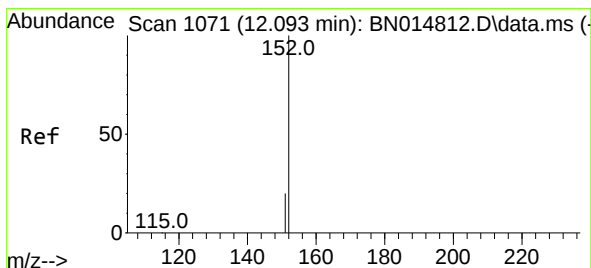
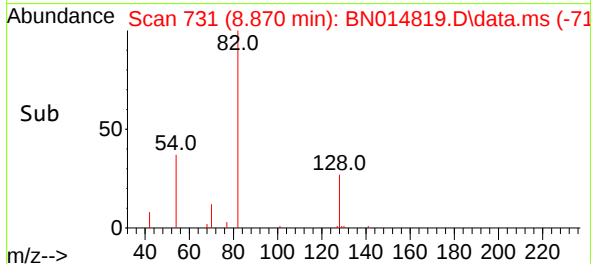
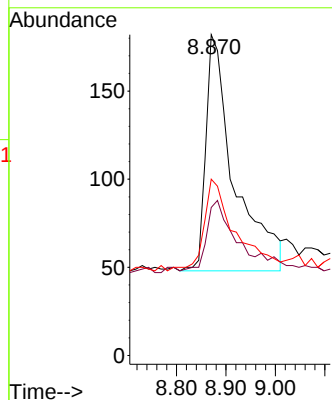
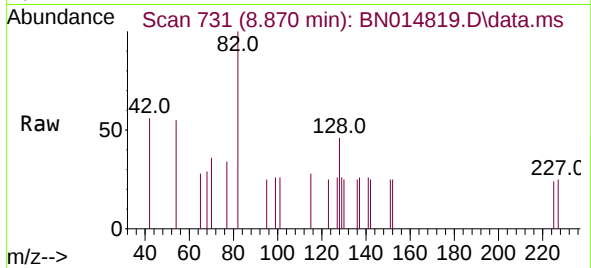




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.013 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

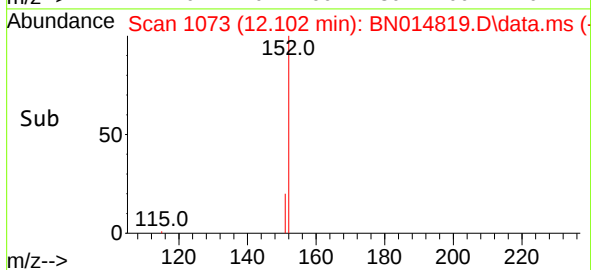
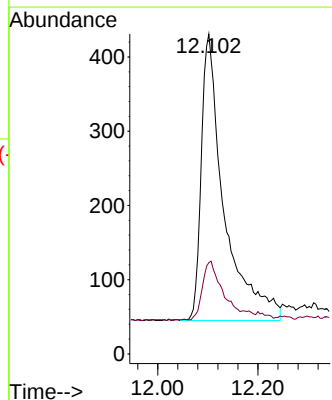
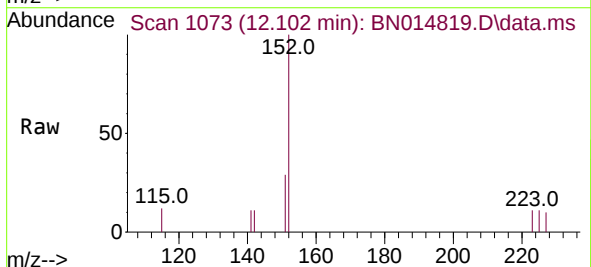
Instrument :
BNA_N
ClientSampleId :
SP5577

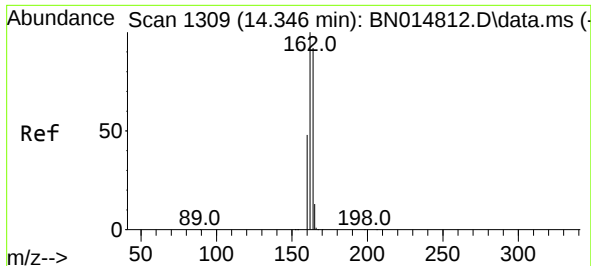
Tgt Ion: 82 Resp: 537
Ion Ratio Lower Upper
82 100
128 46.2 34.2 51.2
54 54.9 38.4 57.6



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.102 min Scan# 1073
Delta R.T. 0.009 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion: 152 Resp: 1219
Ion Ratio Lower Upper
152 100
151 18.0 16.8 25.2

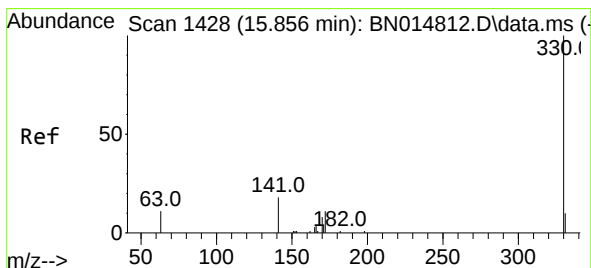
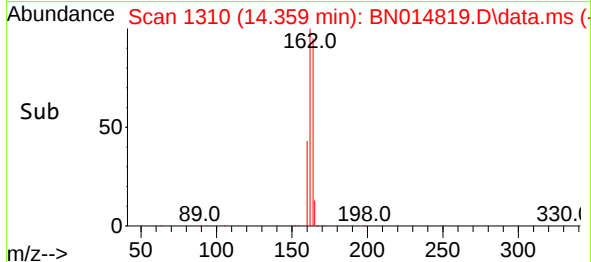
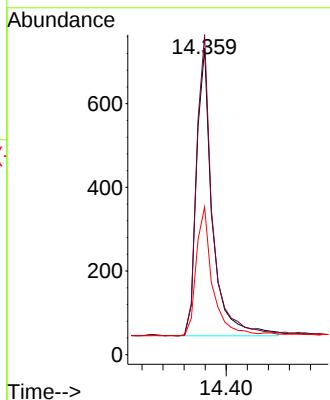
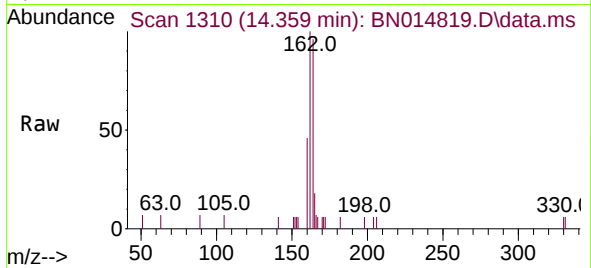




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.013 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

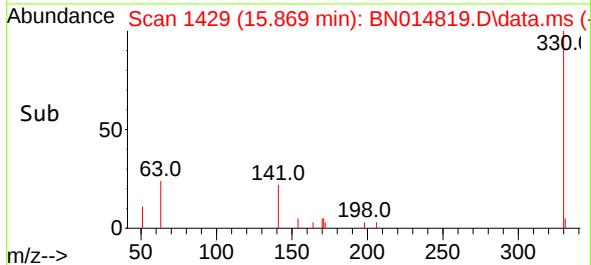
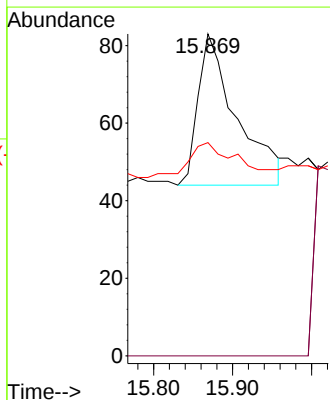
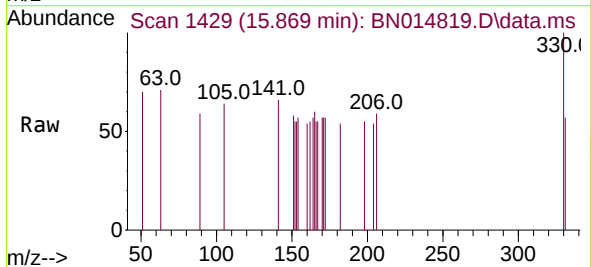
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ClientSampleId :
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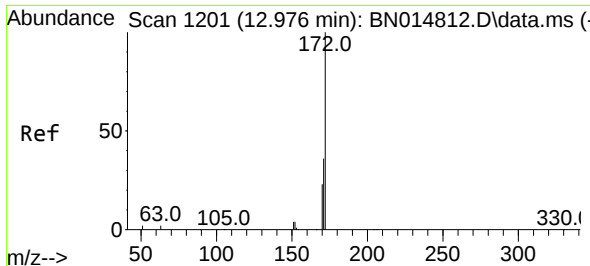
Tgt Ion:	164	Resp:	1449
Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.2	124.8
160	48.2	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.013 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion:	330	Resp:	132
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.0	21.8	32.6

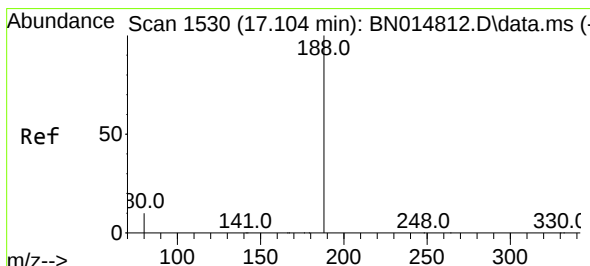
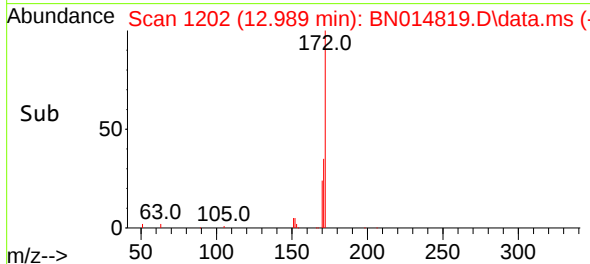
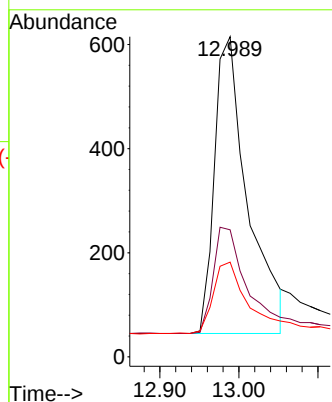
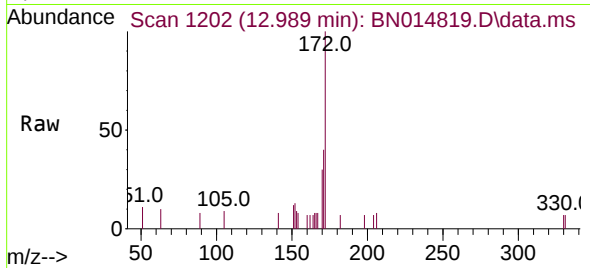




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.013 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

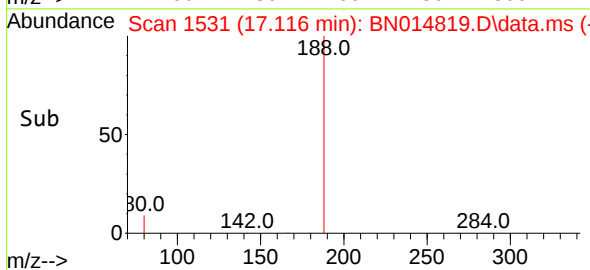
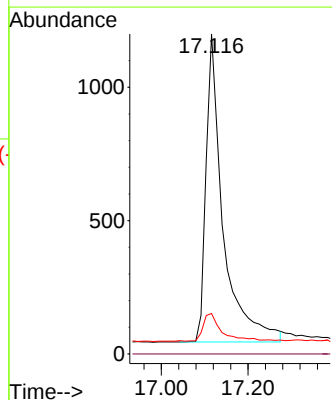
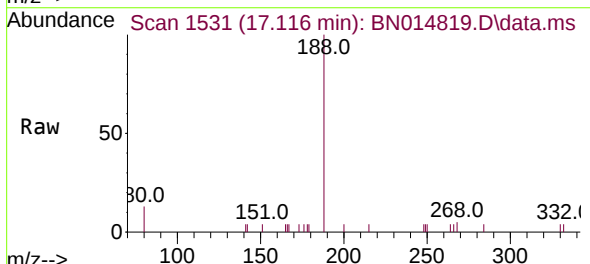
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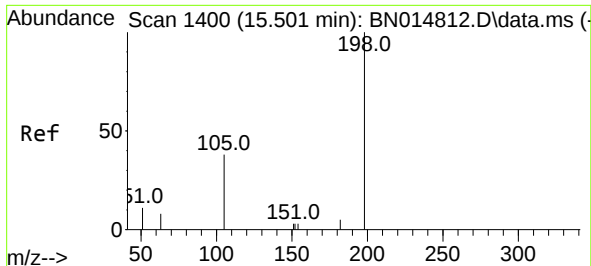
Tgt Ion:172	Resp:	1661
Ion Ratio	Lower	Upper
172	100	
171	39.7	30.9 46.3
170	29.6	21.4 32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion:188	Resp:	3154
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.7	8.2 12.4

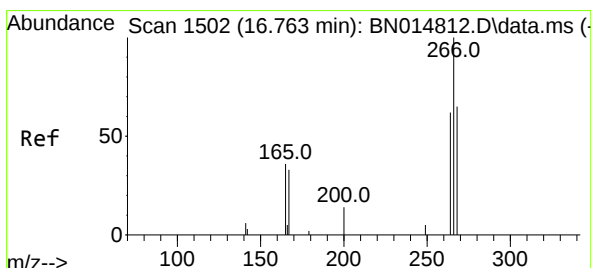
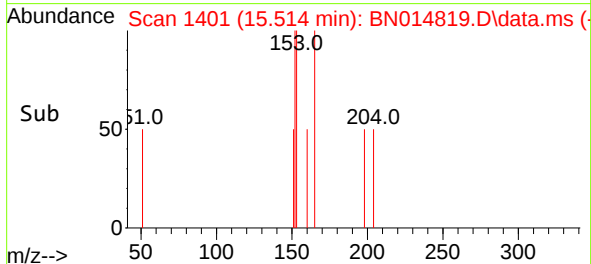
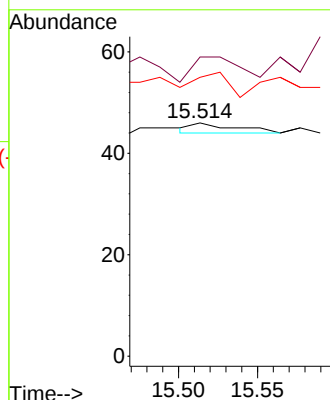
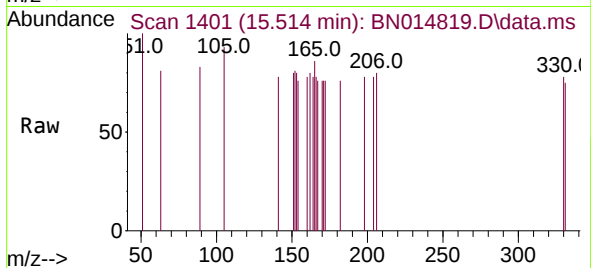




#20
4,6-Dinitro-2-methylphenol
Concen: 0.24 ng
RT: 15.514 min Scan# 1401
Delta R.T. 0.013 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

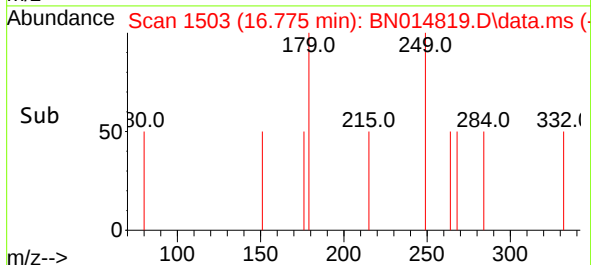
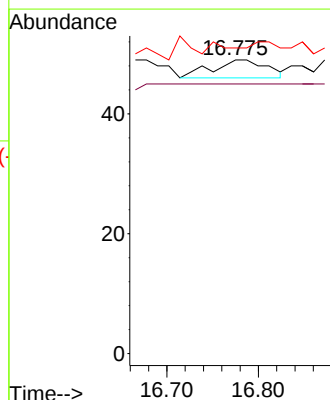
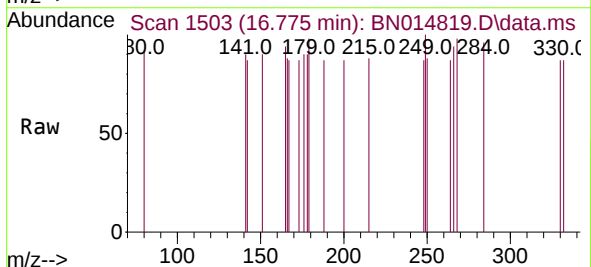
Instrument :
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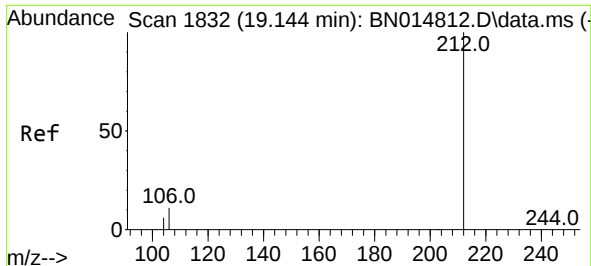
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 128.3 96.4 144.6
105 119.6 72.3 108.5#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 0.0 44.2 66.2#
268 0.0 44.2 66.2#

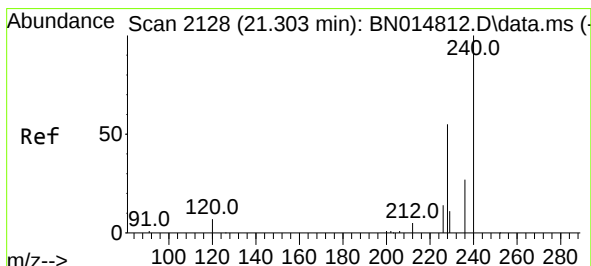
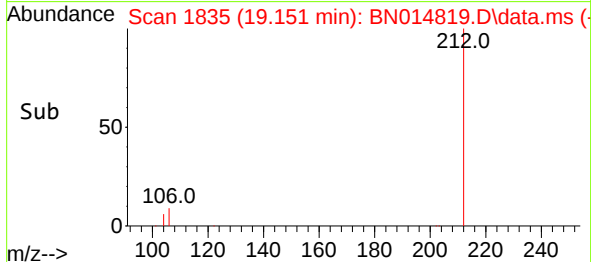
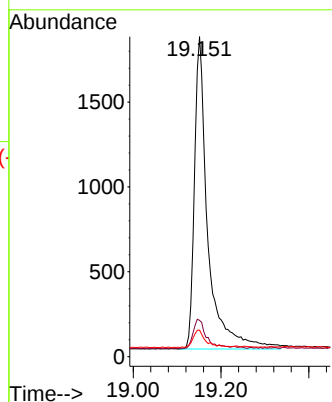
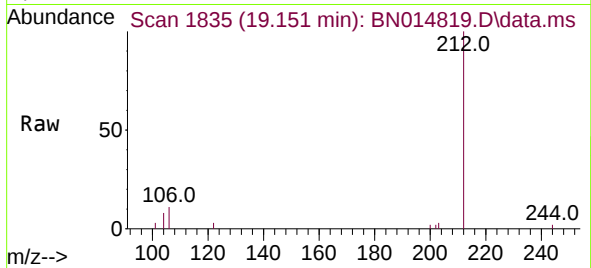




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.151 min Scan# 1835
Delta R.T. 0.007 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

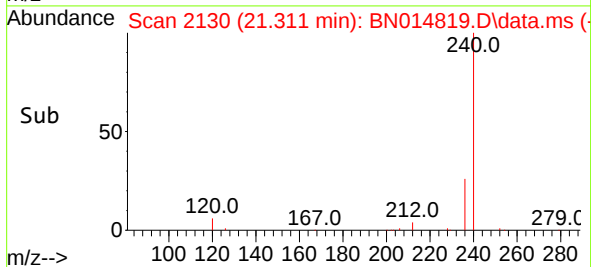
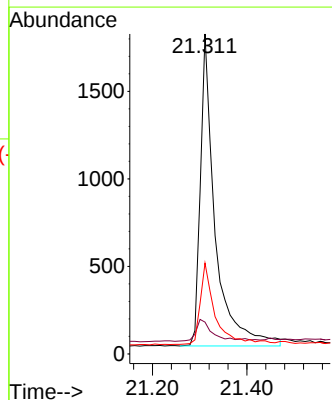
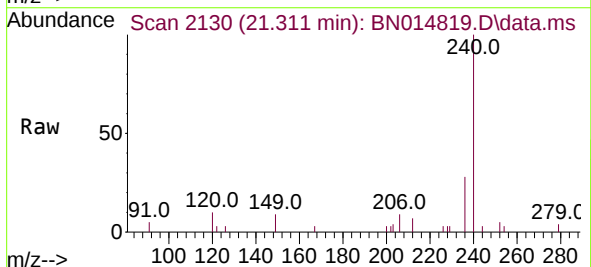
Instrument :
BNA_N
ClientSampleId :
SP5577

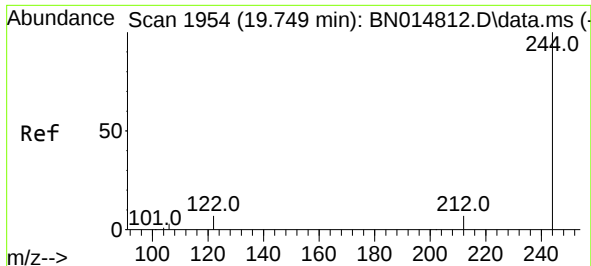
Tgt Ion:212 Resp: 3901
Ion Ratio Lower Upper
212 100
106 9.2 7.4 11.2
104 5.7 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. 0.008 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion:240 Resp: 3863
Ion Ratio Lower Upper
240 100
120 10.0 5.2 7.8#
236 28.4 21.6 32.4

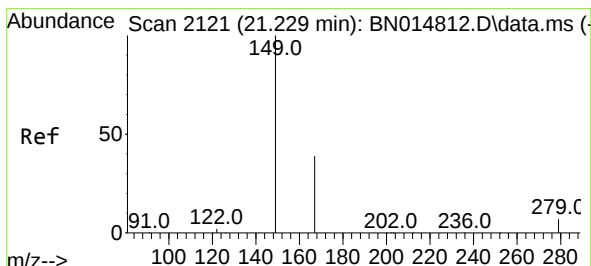
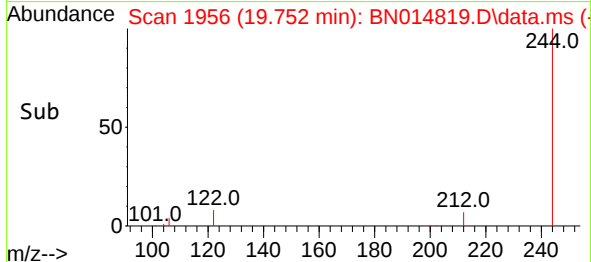
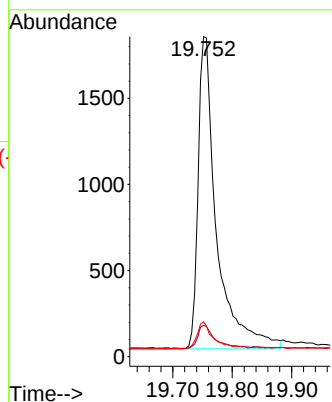
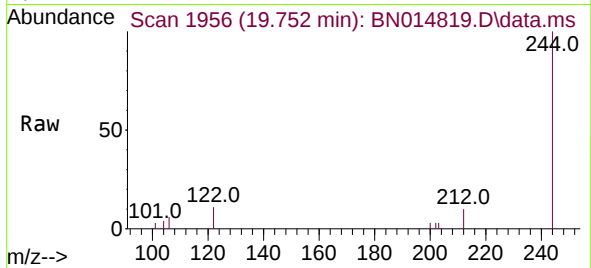




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.752 min Scan# 1956
Delta R.T. 0.002 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

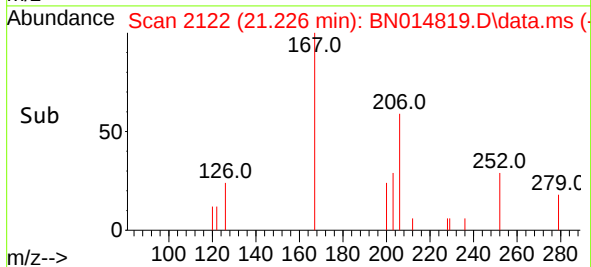
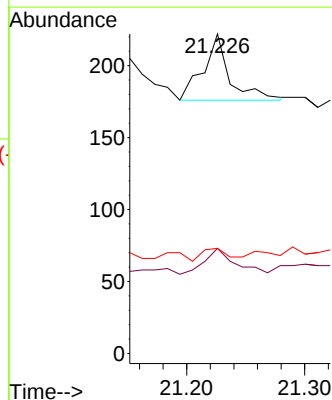
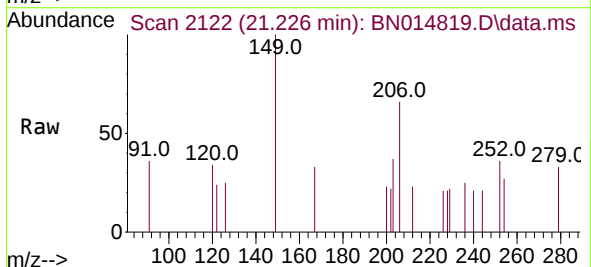
Instrument :
BNA_N
ClientSampleId :
SP5577

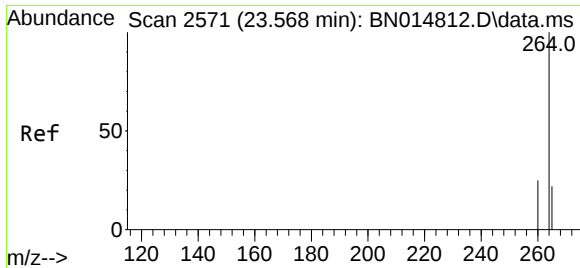
Tgt Ion:244 Resp: 3913
Ion Ratio Lower Upper
244 100
212 9.7 6.8 10.2
122 10.9 6.6 9.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.003 min
Lab File: BN014819.D
Acq: 01 Jun 2021 19:52

Tgt Ion:149 Resp: 71
Ion Ratio Lower Upper
149 100
167 45.1 28.3 42.5#
279 21.1 5.5 8.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.572 min Scan# 2574
 Delta R.T. 0.004 min
 Lab File: BN014819.D
 Acq: 01 Jun 2021 19:52

Instrument :
 BNA_N
 ClientSampleId :
 SP5577

Tgt Ion:264	Resp:	3519
Ion Ratio	Lower	Upper
264	100	
260	26.8	21.4 32.2
265	69.0	40.9 61.3#

