

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023510.D
 Acq On : 28 Dec 2022 05:44
 Operator : CG/JU
 Sample : N6100-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20221215

Quant Time: Dec 28 06:37:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

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

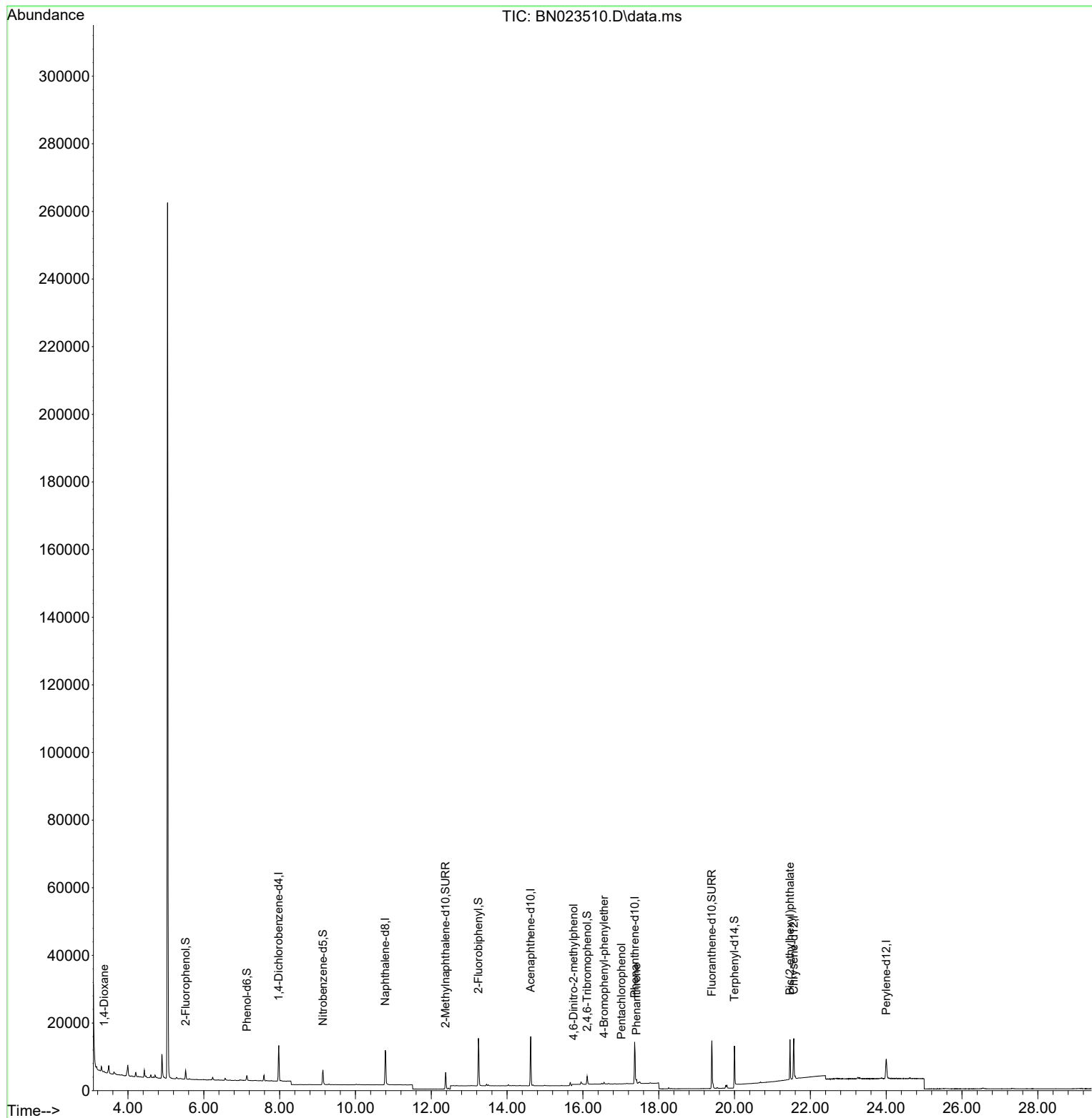
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5009	0.400	ng	0.00
7) Naphthalene-d8	10.787	136	14310	0.400	ng	#-0.01
13) Acenaphthene-d10	14.624	164	7854	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	16965	0.400	ng	#-0.01
29) Chrysene-d12	21.563	240	11379	0.400	ng	# 0.00
35) Perylene-d12	24.001	264	8672	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	2025	0.183	ng	0.00
5) Phenol-d6	7.140	99	1429	0.105	ng	0.00
8) Nitrobenzene-d5	9.142	82	3655	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	6699	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1326	0.344	ng	-0.01
15) 2-Fluorobiphenyl	13.244	172	12435	0.400	ng	-0.01
27) Fluoranthene-d10	19.401	212	15215	0.367	ng	0.00
31) Terphenyl-d14	19.996	244	17181	0.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	198	0.041	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.751	198	12	0.299	ng	# 1
21) 4-Bromophenyl-phenylether	16.558	248	217	0.022	ng	92
24) Pentachlorophenol	17.017	266	22	0.174	ng	# 19
25) Phenanthrene	17.415	178	1260	0.026	ng	95
34) Bis(2-ethylhexyl)phtha...	21.464	149	9847	0.422	ng	100

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

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

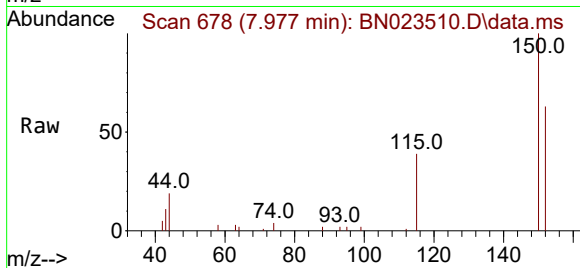
Quant Time: Dec 28 06:37:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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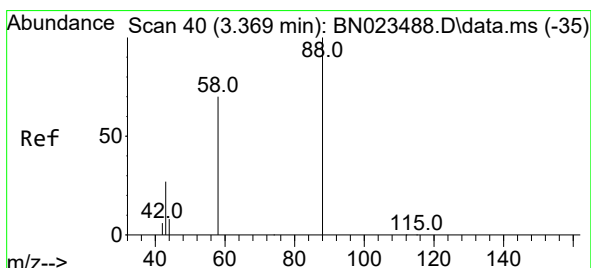
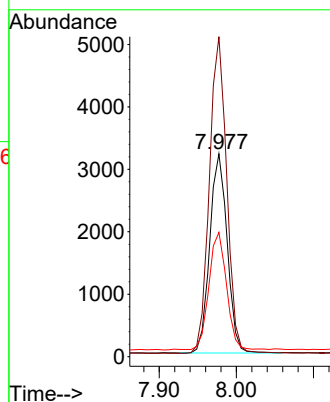
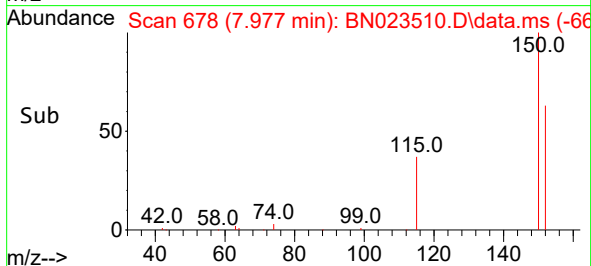


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023510.D
 Acq: 28 Dec 2022 05:44

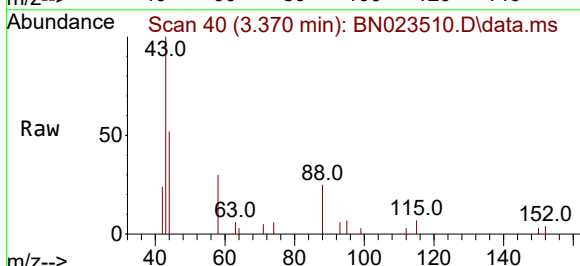
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20221215



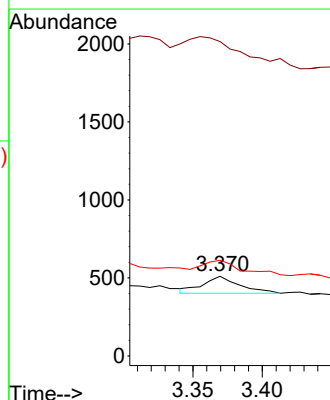
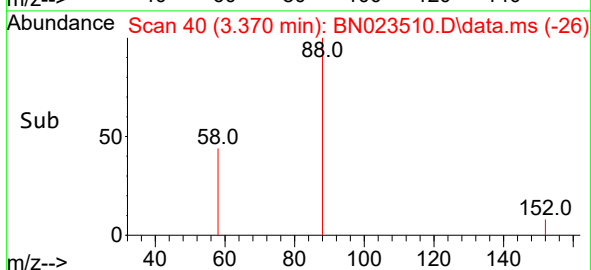
Tgt Ion:152 Resp: 5009
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.6
 115 61.3 48.8 73.2

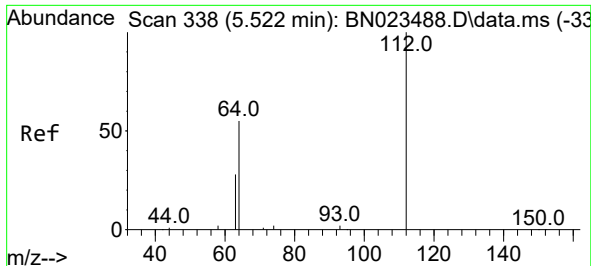


#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.370 min Scan# 40
 Delta R.T. 0.001 min
 Lab File: BN023510.D
 Acq: 28 Dec 2022 05:44



Tgt Ion: 88 Resp: 198
 Ion Ratio Lower Upper
 88 100
 43 225.8 24.6 36.8#
 58 96.0 58.2 87.4#

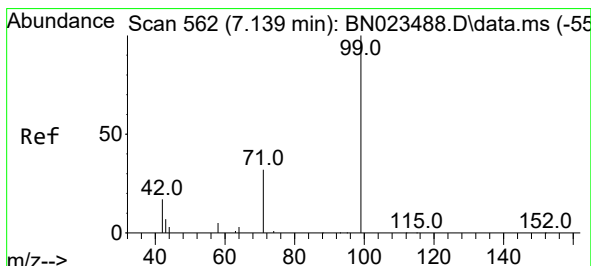
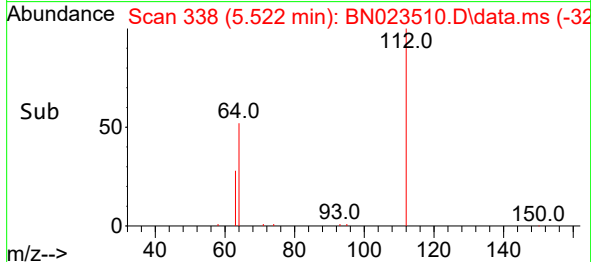
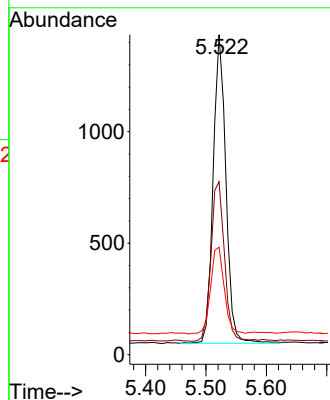
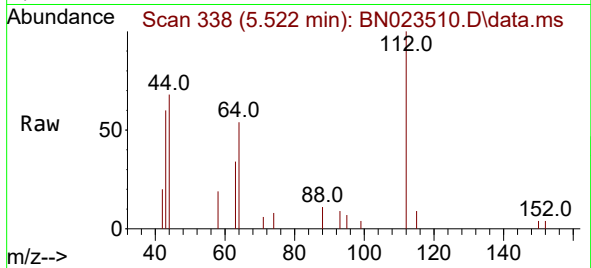




#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.522 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

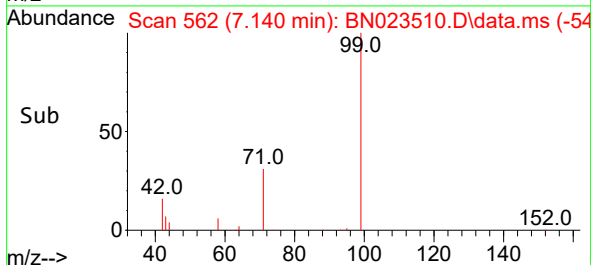
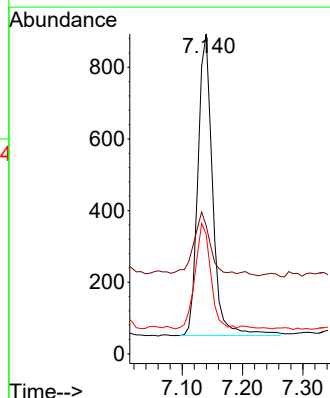
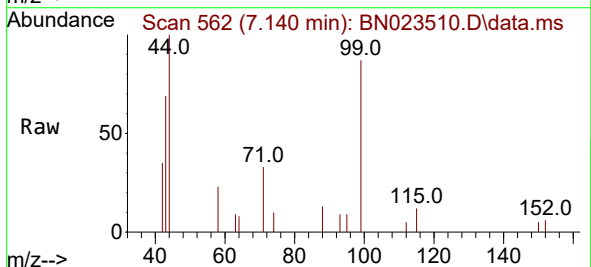
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

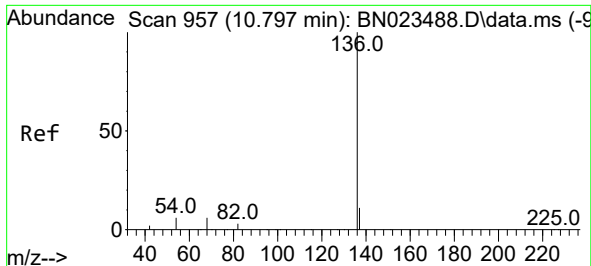
Tgt Ion:112 Resp: 2025
Ion Ratio Lower Upper
112 100
64 55.3 44.3 66.5
63 30.0 23.8 35.6



#5
Phenol-d6
Concen: 0.105 ng
RT: 7.140 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion: 99 Resp: 1429
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 36.9 27.0 40.4

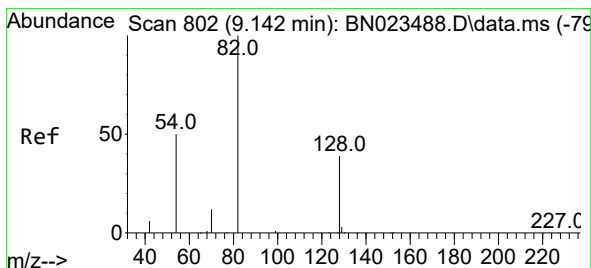
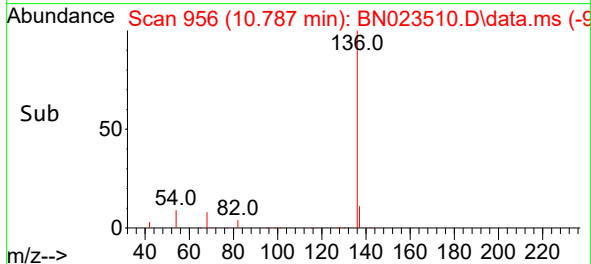
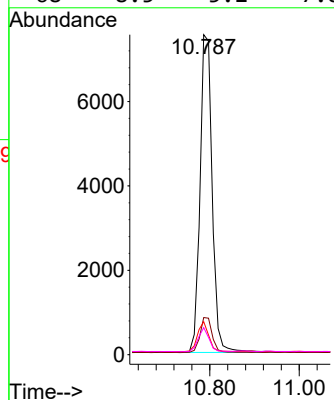
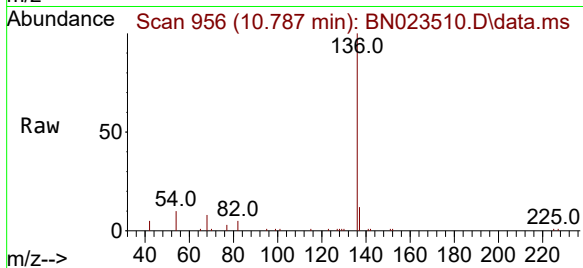




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.787 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

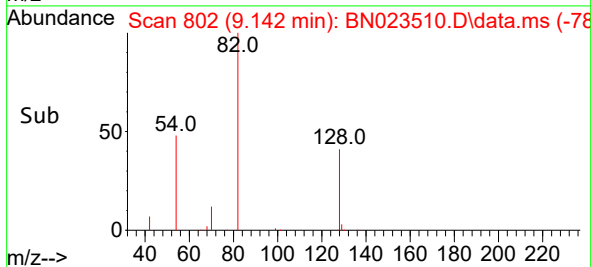
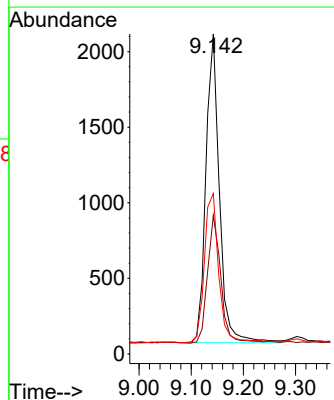
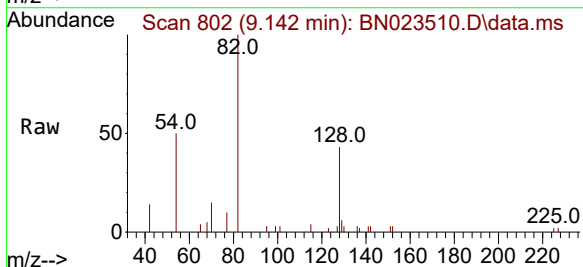
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

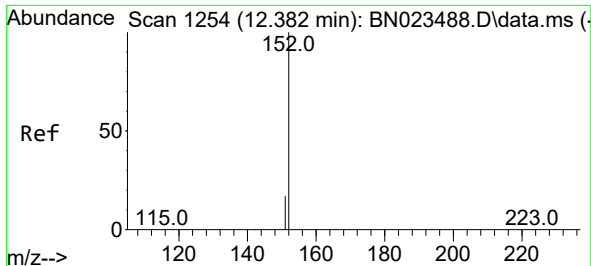
Tgt Ion:	136	Resp:	14310
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	10.3	5.8	8.8#
68	8.5	5.2	7.8#



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion:	82	Resp:	3655
Ion Ratio	Lower	Upper	
82	100		
128	43.3	32.6	49.0
54	50.2	41.4	62.0

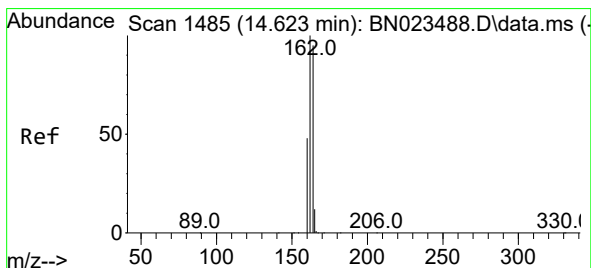
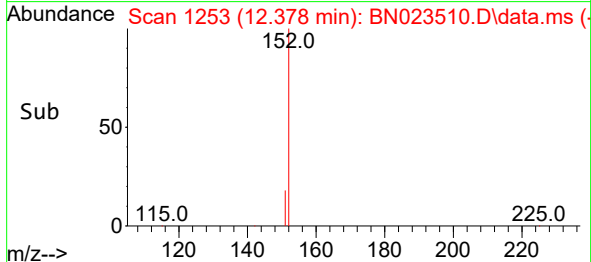
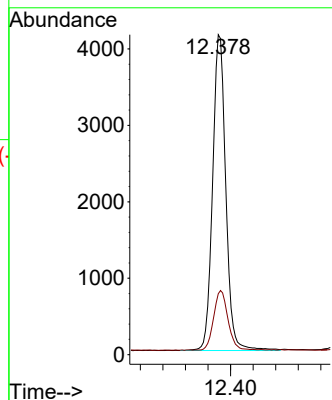
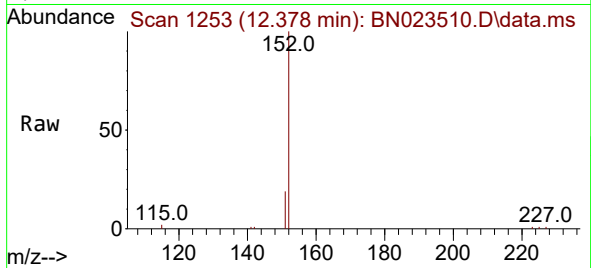




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.004 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

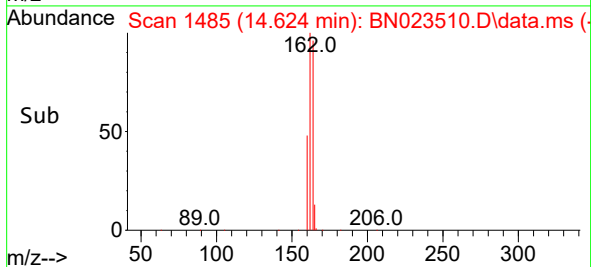
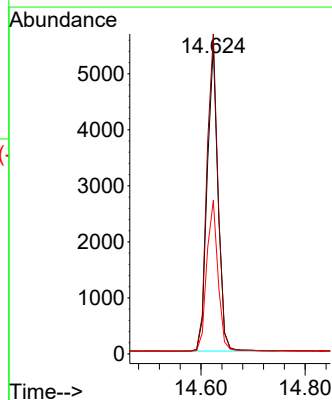
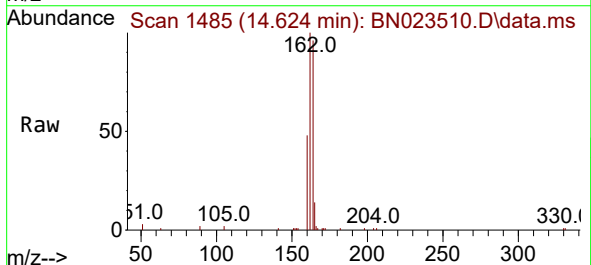
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

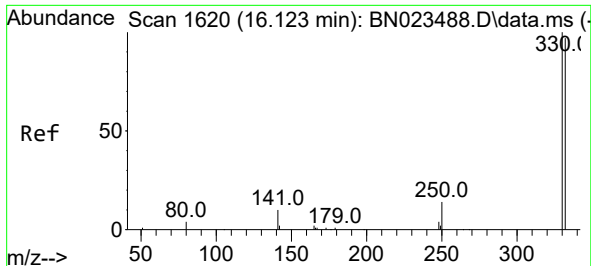
Tgt Ion:152 Resp: 6699
Ion Ratio Lower Upper
152 100
151 20.6 14.8 22.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.624 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

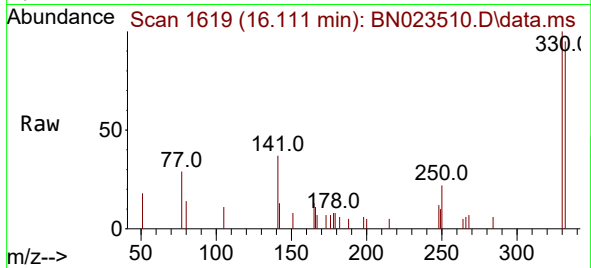
Tgt Ion:164 Resp: 7854
Ion Ratio Lower Upper
164 100
162 103.7 83.9 125.9
160 49.8 40.9 61.3



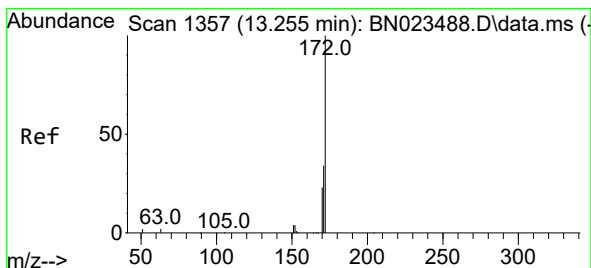
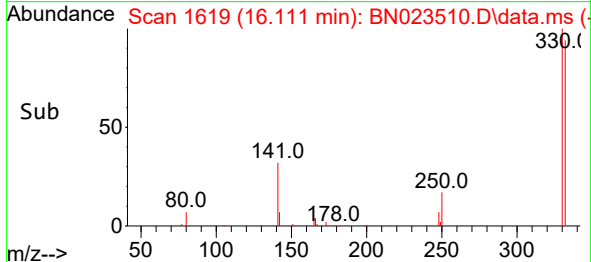
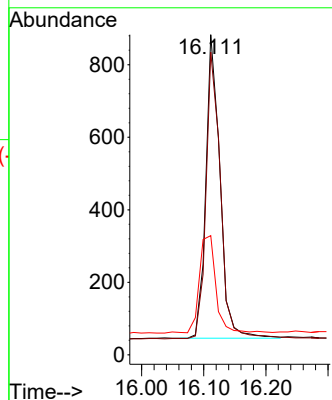


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

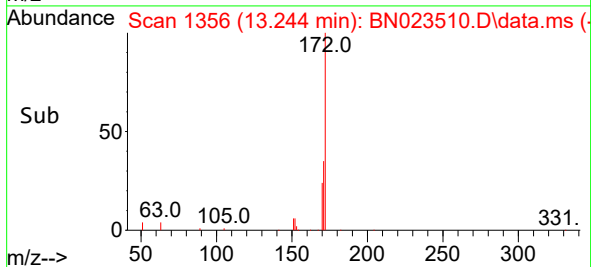
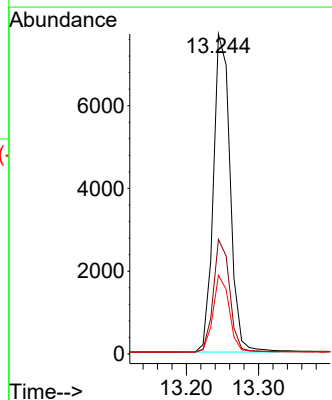
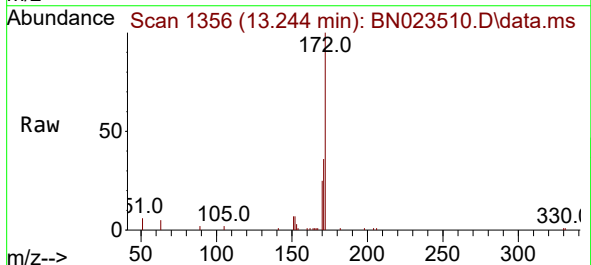


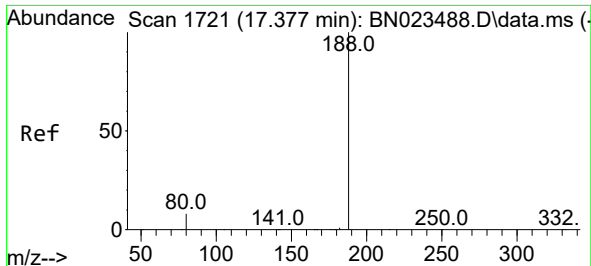
Tgt Ion: 330 Resp: 1326
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 36.5 29.8 44.6



#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.244 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion: 172 Resp: 12435
Ion Ratio Lower Upper
172 100
171 35.8 27.6 41.4
170 24.6 18.7 28.1

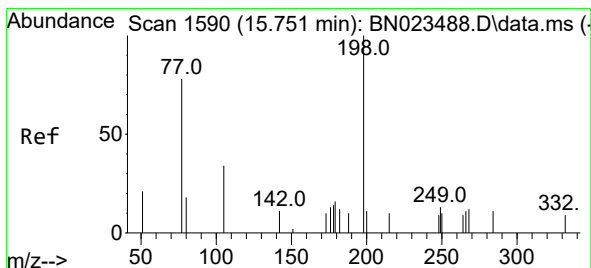
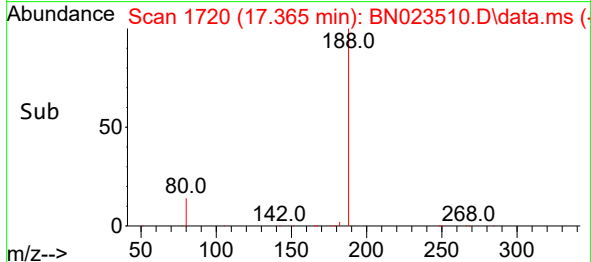
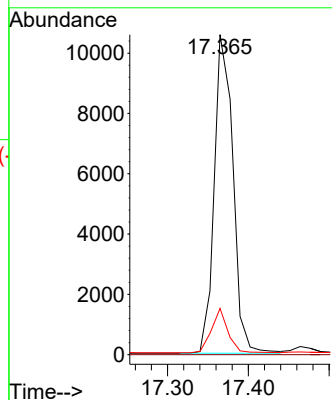
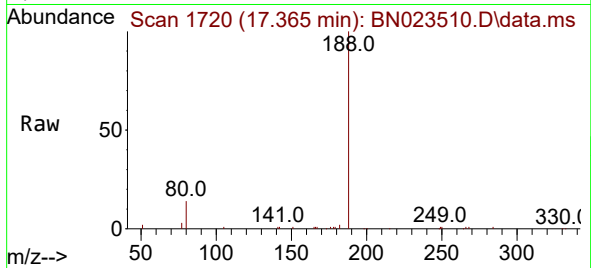




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

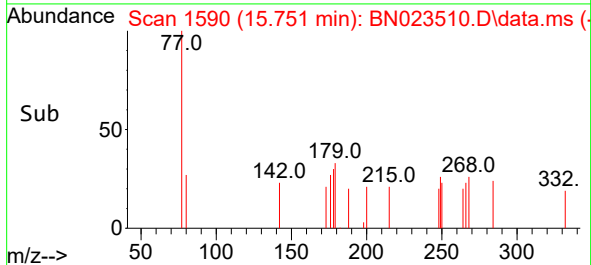
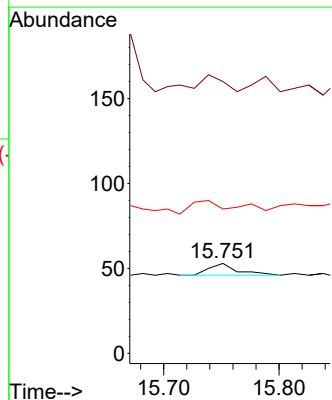
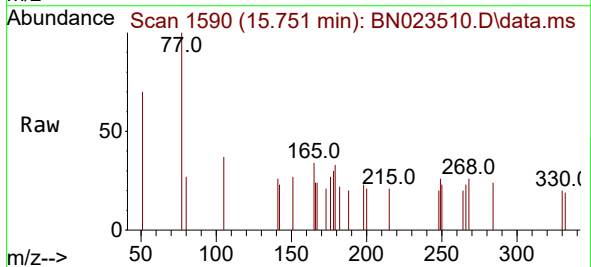
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SP-201-20221215

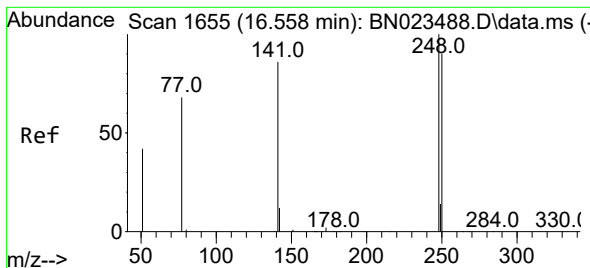
Tgt Ion:188 Resp: 16965
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 6.7 10.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.299 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 301.9 48.2 72.4#
105 160.4 41.0 61.4#

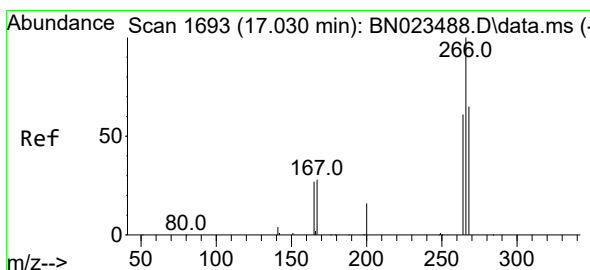
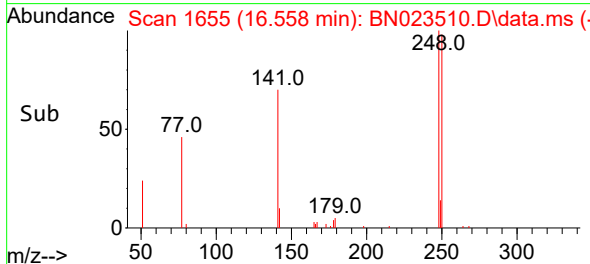
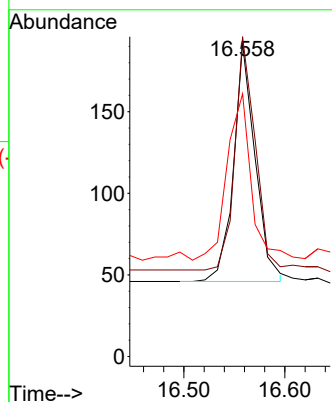
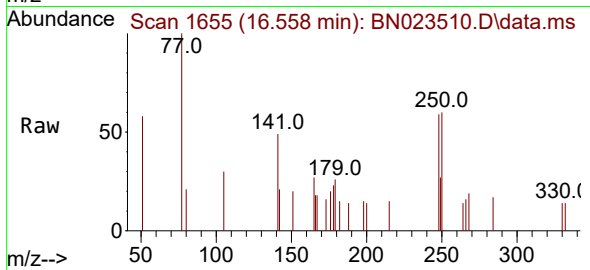




#21
4-Bromophenyl-phenylether
Concen: 0.022 ng
RT: 16.558 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

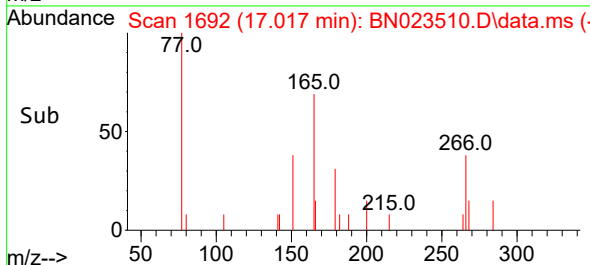
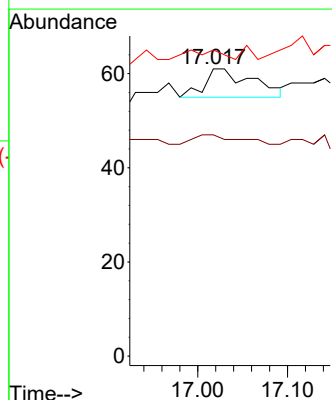
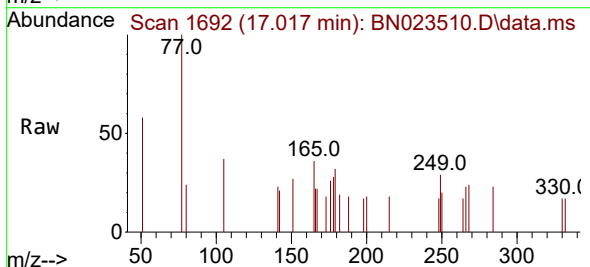
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

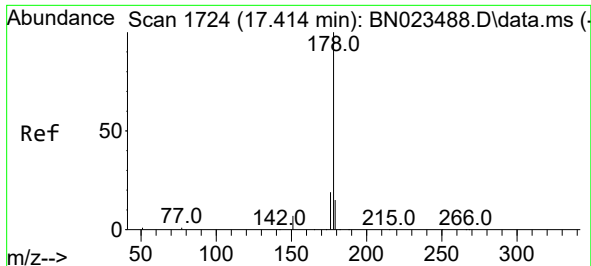
Tgt Ion:248 Resp: 217
Ion Ratio Lower Upper
248 100
250 102.1 72.6 108.8
141 83.9 69.4 104.0



#24
Pentachlorophenol
Concen: 0.174 ng
RT: 17.017 min Scan# 1692
Delta R.T. -0.013 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 0.0 49.7 74.5#
268 0.0 51.4 77.0#

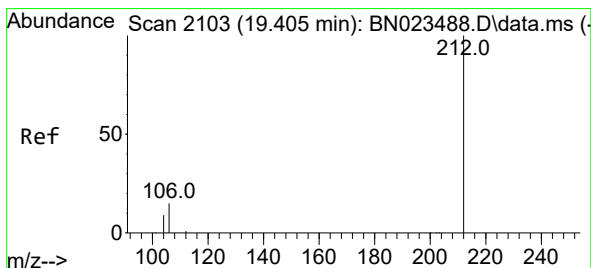
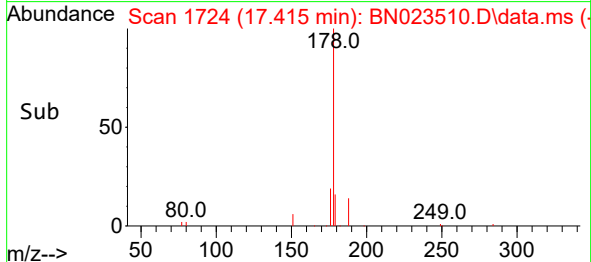
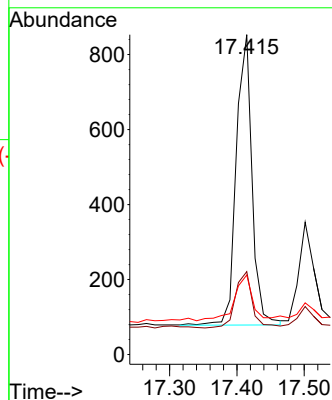
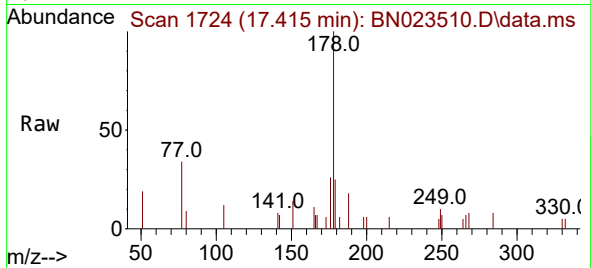




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.415 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

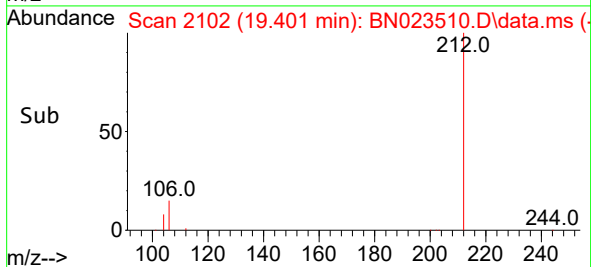
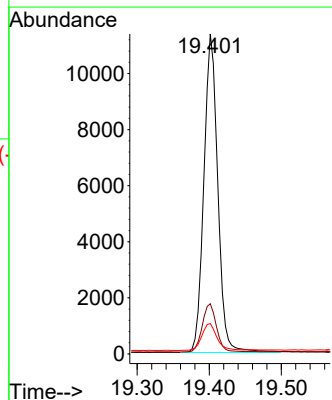
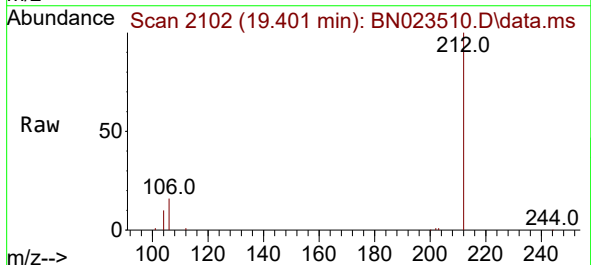
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

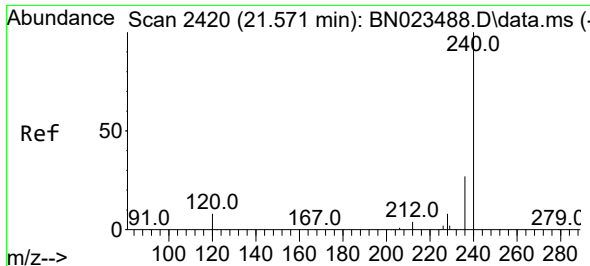
Tgt Ion:178 Resp: 1260
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 18.2 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.401 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion:212 Resp: 15215
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.1 6.8 10.2

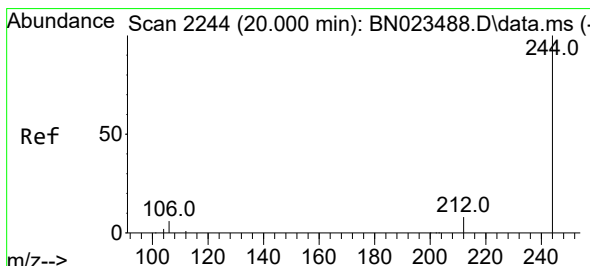
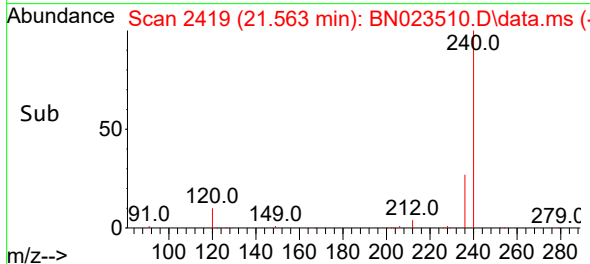
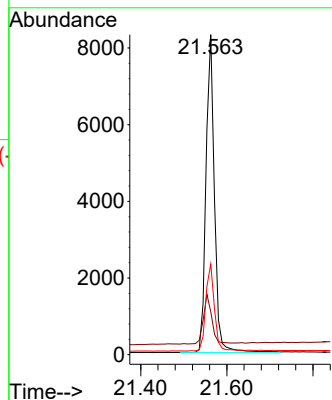
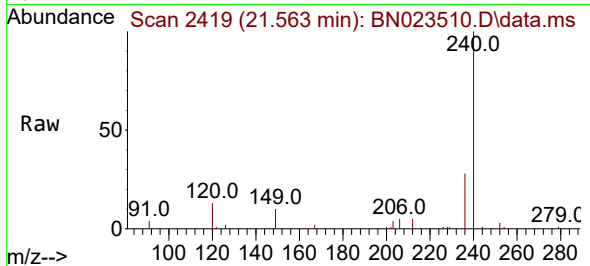




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.563 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

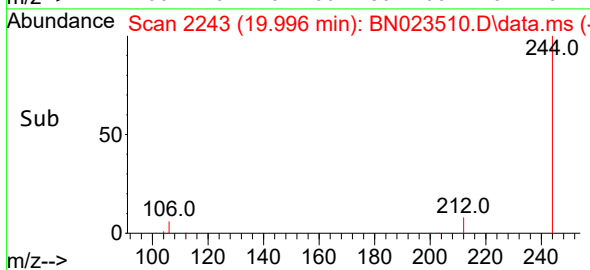
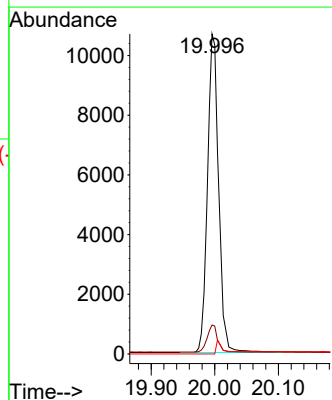
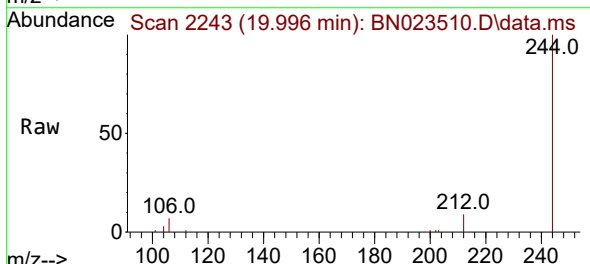
Instrument :
BNA_N
ClientSampleId :
SP-201-20221215

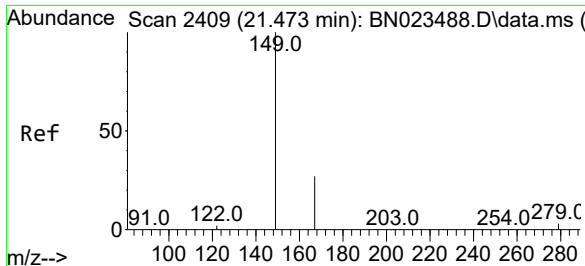
Tgt Ion:240 Resp: 11379
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 28.4 22.5 33.7



#31
Terphenyl-d14
Concen: 0.648 ng
RT: 19.996 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN023510.D
Acq: 28 Dec 2022 05:44

Tgt Ion:244 Resp: 17181
Ion Ratio Lower Upper
244 100
212 9.1 7.4 11.0
122 0.0 0.0 0.0

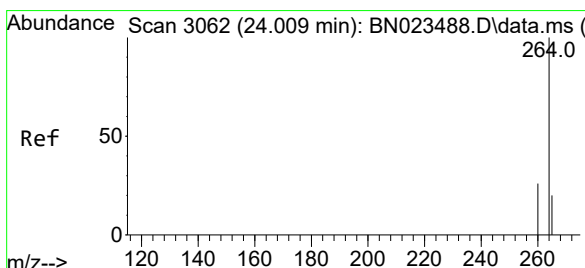
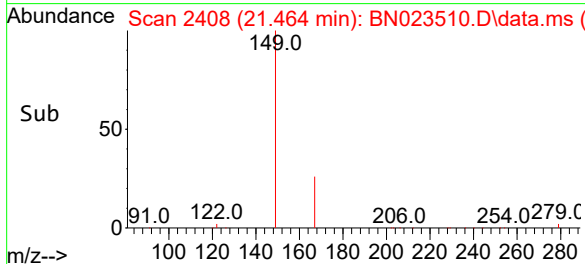
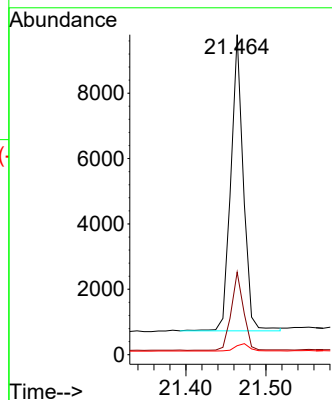
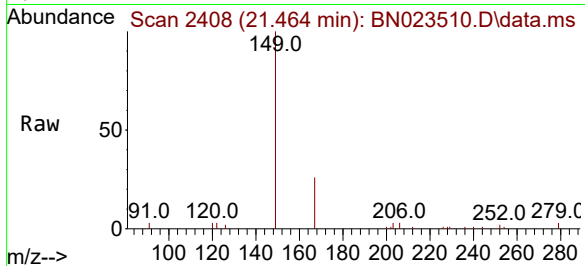




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.422 ng
 RT: 21.464 min Scan# 2408
 Delta R.T. -0.009 min
 Lab File: BN023510.D
 Acq: 28 Dec 2022 05:44

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20221215

Tgt Ion:	149	Resp:	9847
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.6
279	2.9	2.2	3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.001 min Scan# 3059
 Delta R.T. -0.009 min
 Lab File: BN023510.D
 Acq: 28 Dec 2022 05:44

Tgt Ion:	264	Resp:	8672
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.1	31.7
265	74.8	48.9	73.3

