

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016477.D
 Acq On : 25 Sep 2021 16:19
 Operator : CG/JU
 Sample : M3782-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:15:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

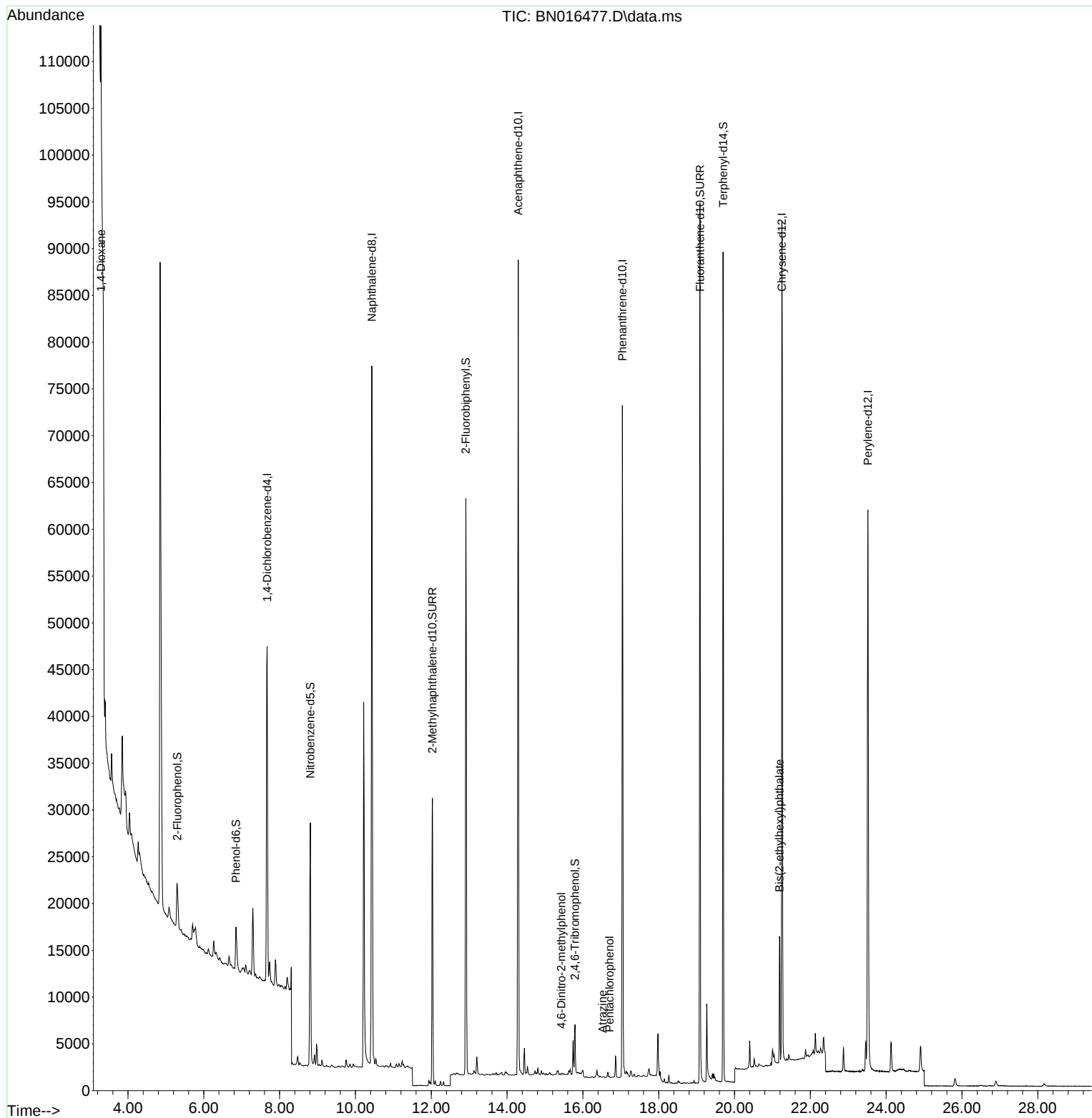
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22117	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	95817	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	48600	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	95011	0.400	ng	0.00
29) Chrysene-d12	21.248	240	92210	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	82250	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6314	0.127	ng	0.02
5) Phenol-d6	6.849	99	4259	0.073	ng	0.00
8) Nitrobenzene-d5	8.810	82	20378	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	41996	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3996	0.345	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	55481	0.272	ng	-0.01
27) Fluoranthene-d10	19.088	212	107123	0.411	ng	0.00
31) Terphenyl-d14	19.698	244	88169	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	10409	1.098	ng	92
20) 4,6-Dinitro-2-methylph...	15.436	198	11	0.148	ng	# 1
23) Atrazine	16.518	200	22	0.135	ng	# 11
24) Pentachlorophenol	16.701	266	50	0.246	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.185	149	14796	0.203	ng	97

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

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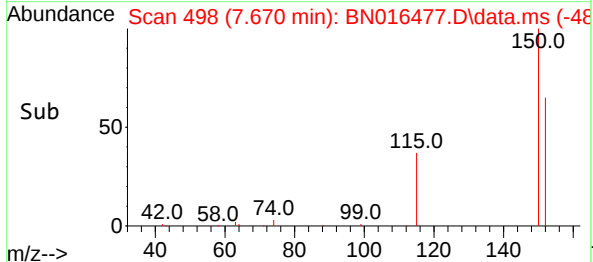
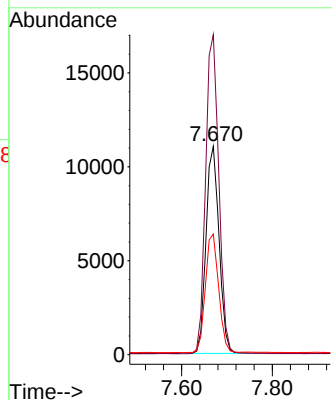
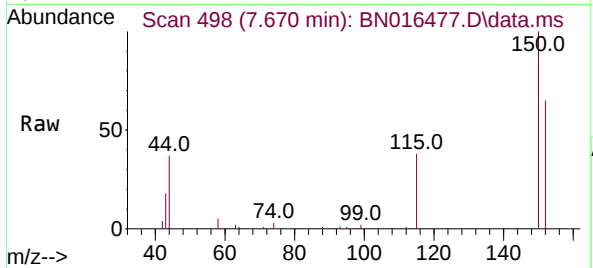




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

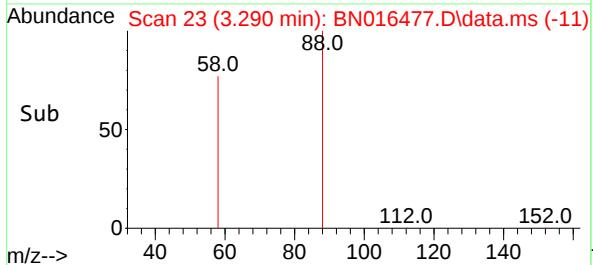
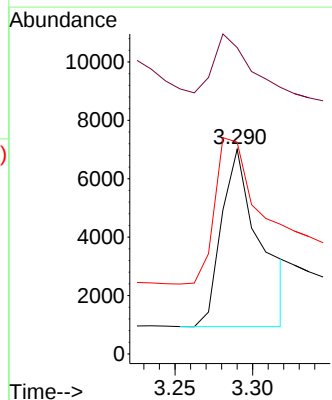
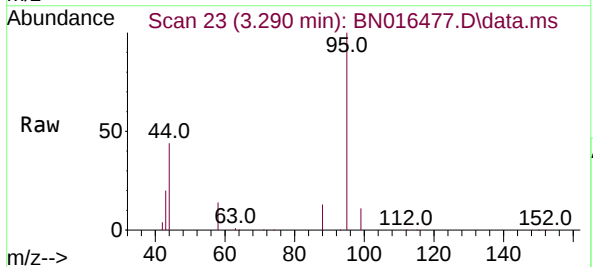
Instrument :
BNA_N
ClientSampleId :

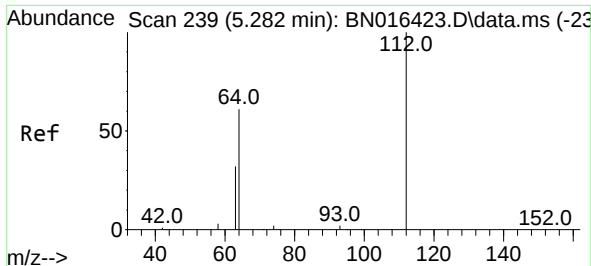
Tgt Ion:152 Resp: 22117
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 57.9 50.2 75.2



#2
1,4-Dioxane
Concen: 1.098 ng
RT: 3.290 min Scan# 23
Delta R.T. 0.009 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion: 88 Resp: 10409
Ion Ratio Lower Upper
88 100
43 29.3 20.3 30.5
58 95.5 69.9 104.9

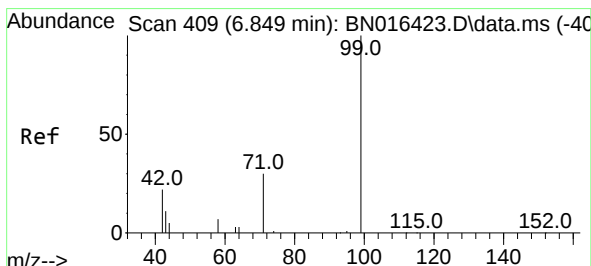
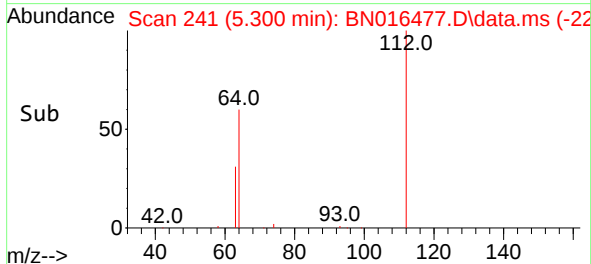
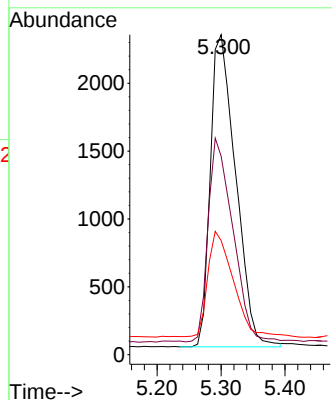
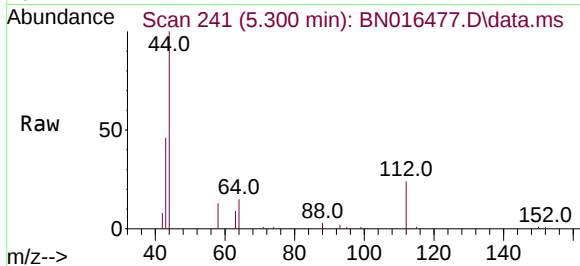




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

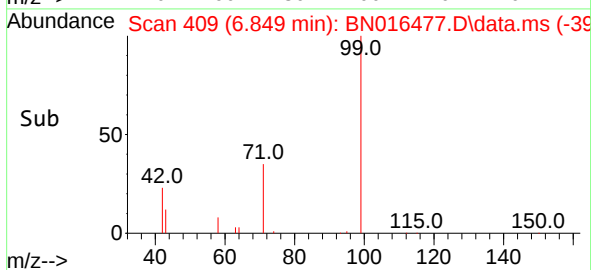
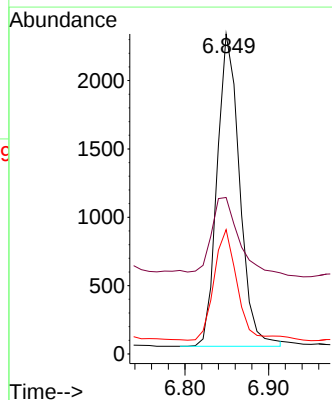
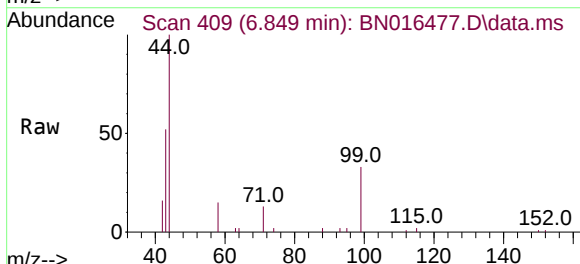
Instrument :
BNA_N
ClientSampleId :

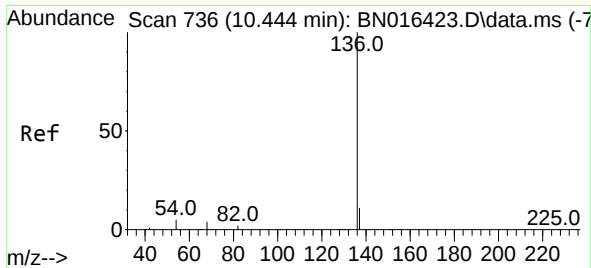
Tgt Ion:	112	Resp:	6314
Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.3	70.9
63	33.5	23.4	35.0



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:	99	Resp:	4259
Ion	Ratio	Lower	Upper
99	100		
42	27.9	14.0	21.0#
71	36.5	23.8	35.6#

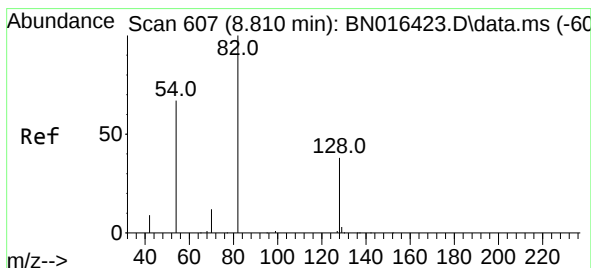
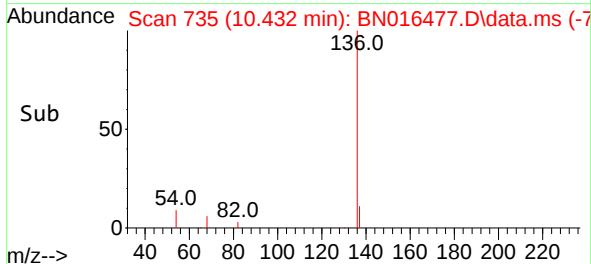
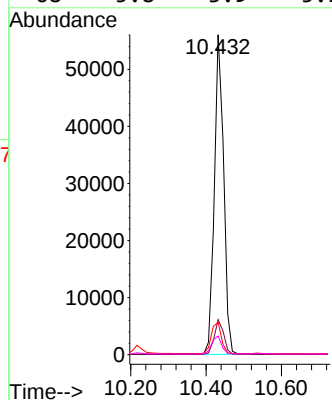
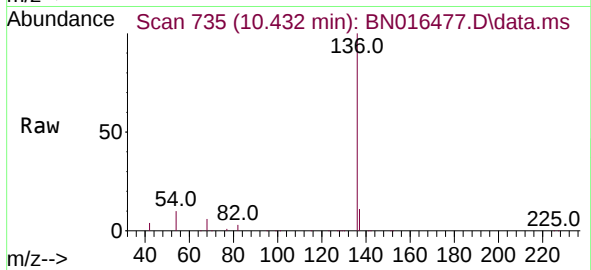




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

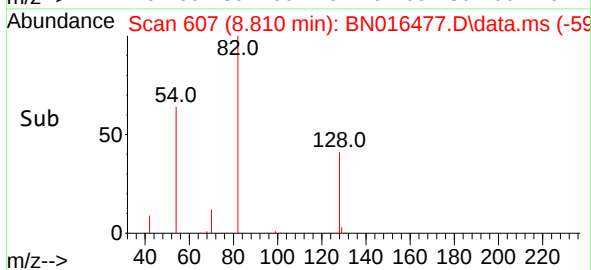
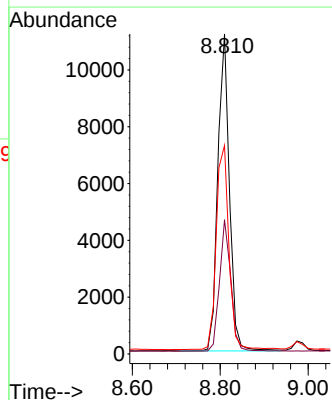
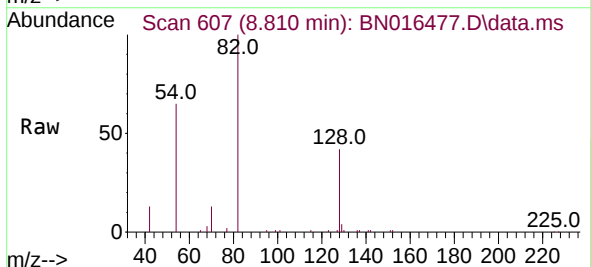
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	95817
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	10.2	5.3	7.9#
68	5.8	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:	82	Resp:	20378
Ion Ratio	Lower	Upper	
82	100		
128	41.9	31.7	47.5
54	65.1	46.4	69.6

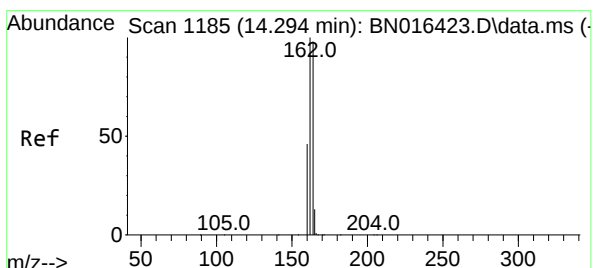
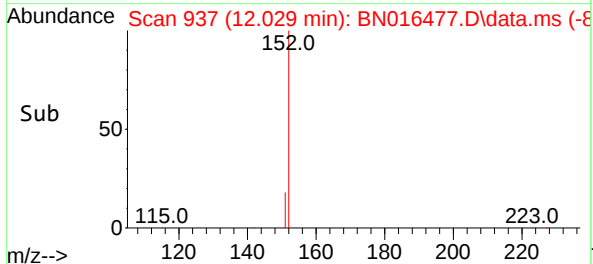
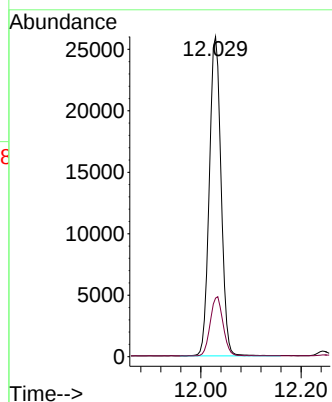
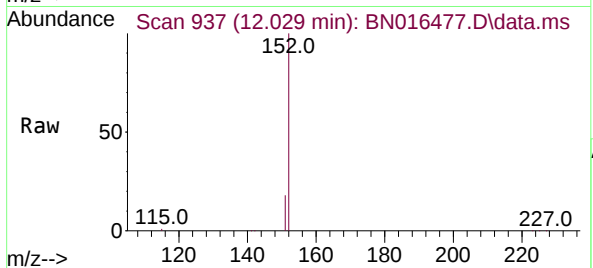




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

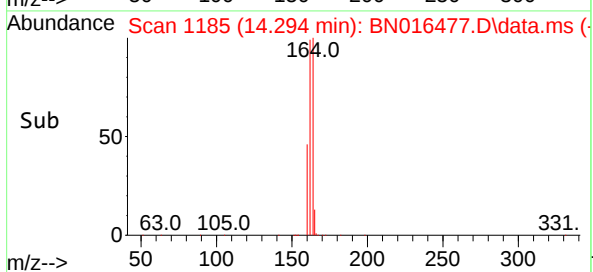
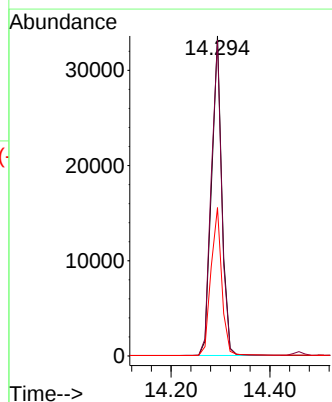
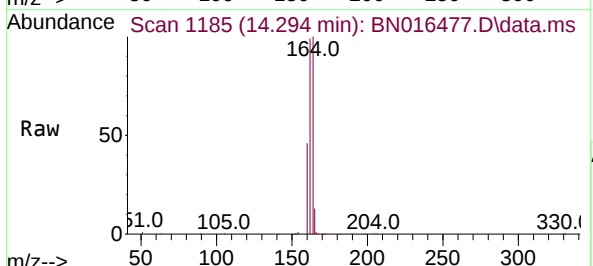
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 41996
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:164 Resp: 48600
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.4
160 46.3 34.1 51.1

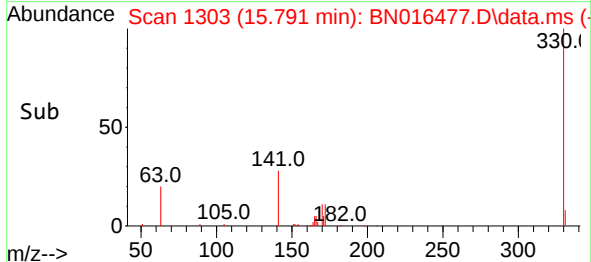
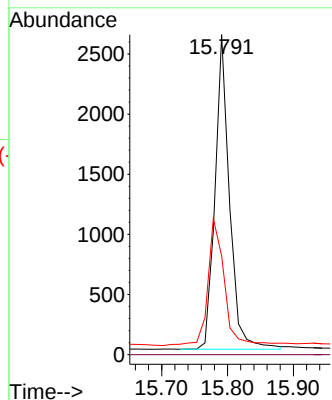
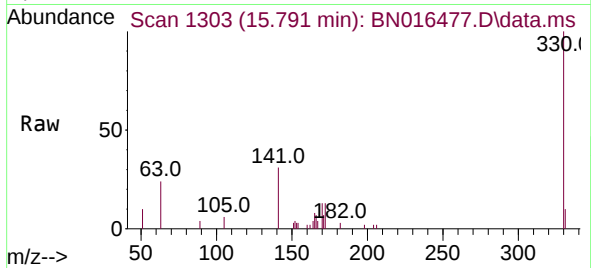




#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

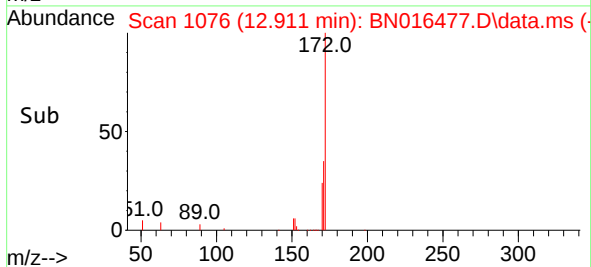
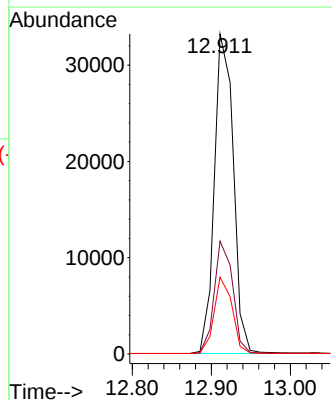
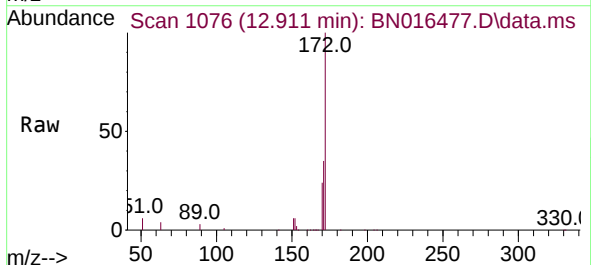
Instrument :
BNA_N
ClientSampleId :

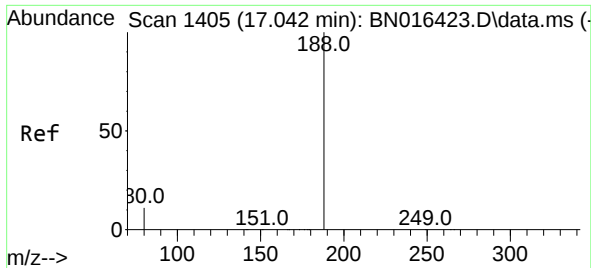
Tgt Ion: 330 Resp: 3996
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion: 172 Resp: 55481
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.0 18.2 27.2

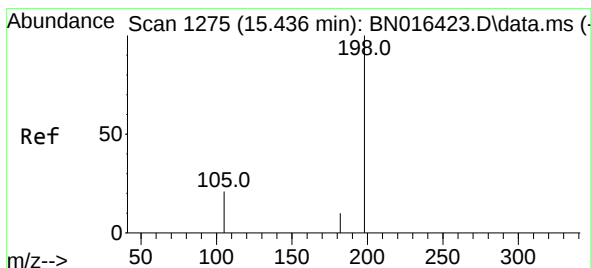
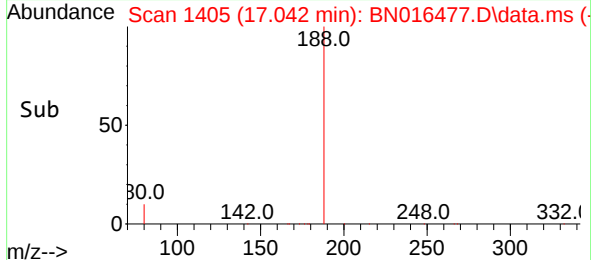
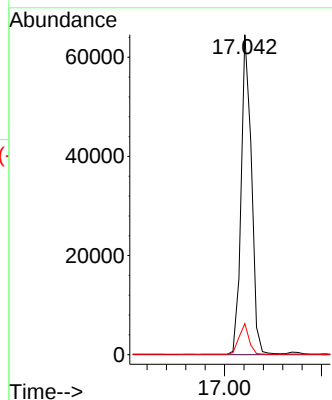
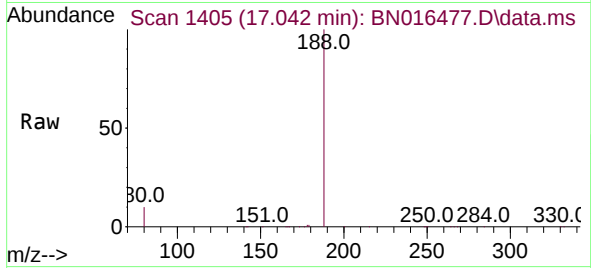




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

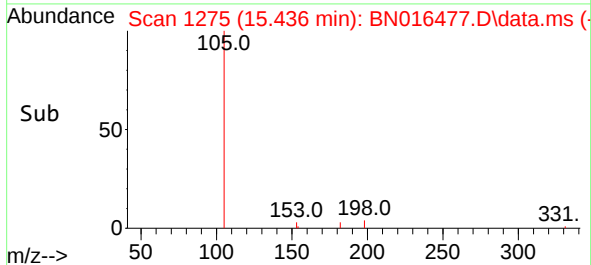
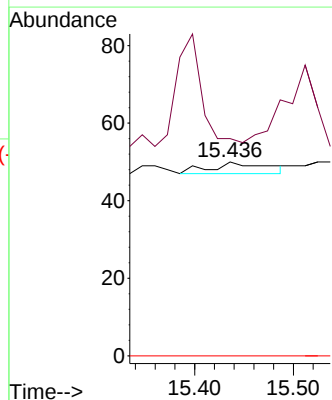
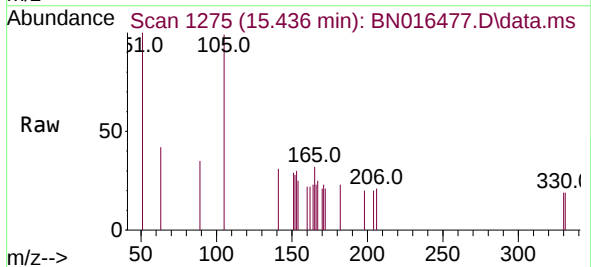
Instrument :
BNA_N
ClientSampleId :

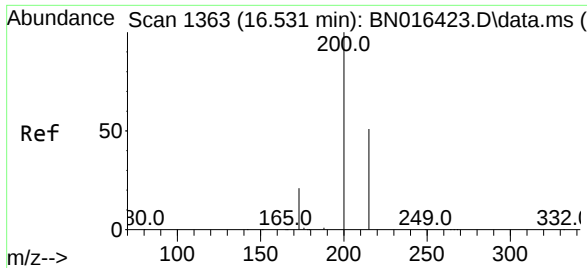
Tgt Ion:188	Resp:	95011
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.7	10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:198	Resp:	11
Ion Ratio	Lower	Upper
198	100	
182	112.0	26.6
77	0.0	0.0

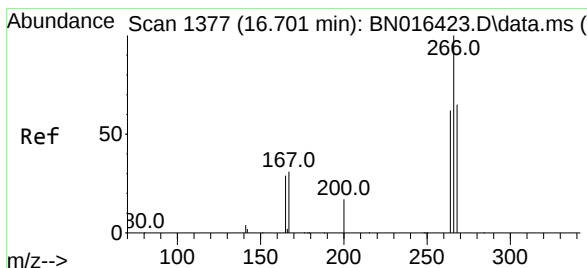
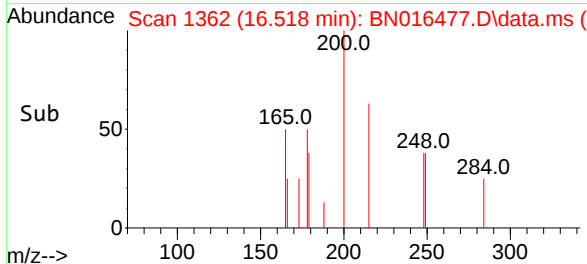
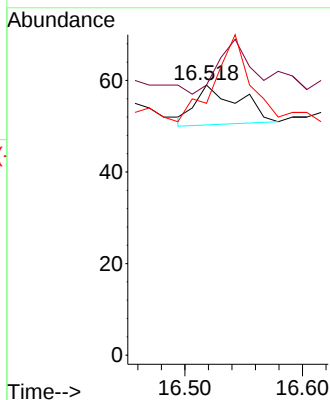
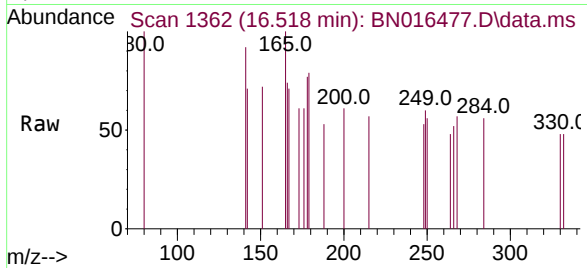




#23
Atrazine
Concen: 0.135 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

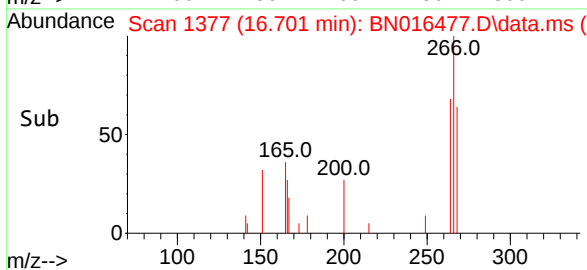
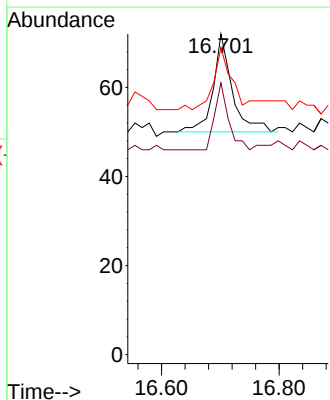
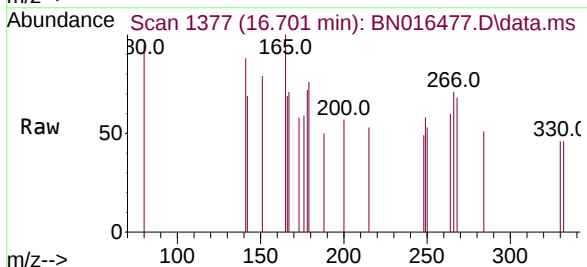
Instrument :
BNA_N
ClientSampleId :

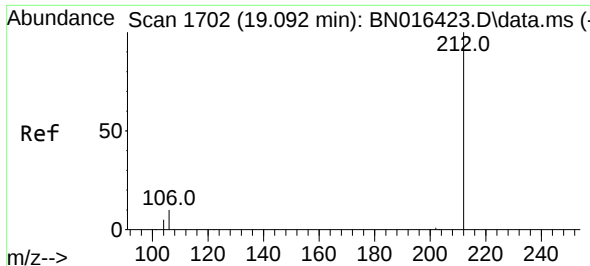
Tgt Ion:200 Resp: 22
Ion Ratio Lower Upper
200 100
173 100.0 18.7 28.1#
215 93.2 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:266 Resp: 50
Ion Ratio Lower Upper
266 100
264 48.0 50.6 75.8#
268 60.0 52.6 79.0

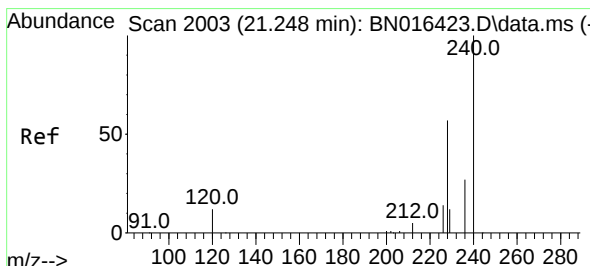
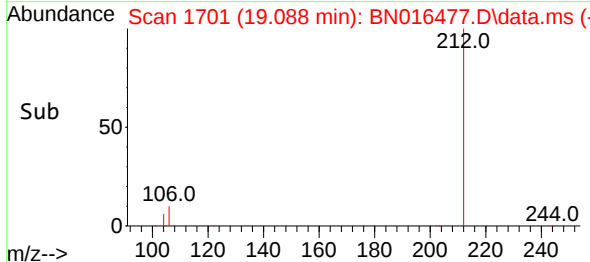
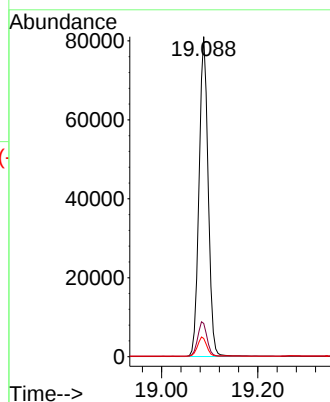
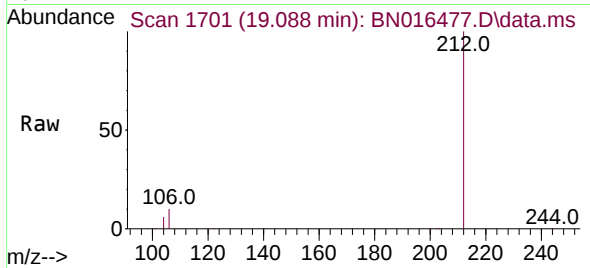




#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

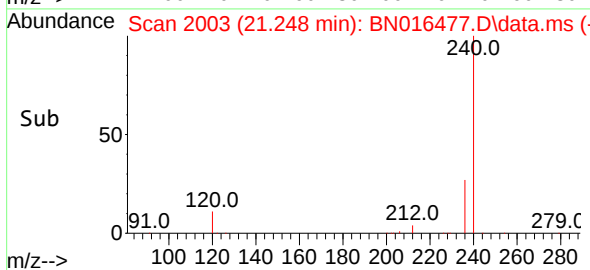
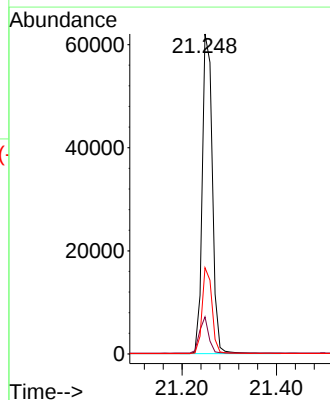
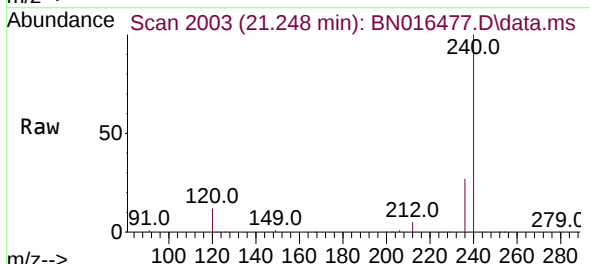
Instrument :
BNA_N
ClientSampleId :

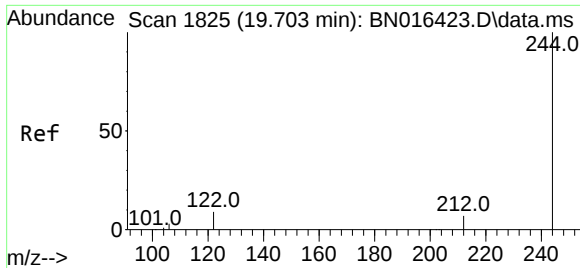
Tgt Ion:212 Resp: 107123
Ion Ratio Lower Upper
212 100
106 11.0 9.8 14.6
104 6.1 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016477.D
Acq: 25 Sep 2021 16:19

Tgt Ion:240 Resp: 92210
Ion Ratio Lower Upper
240 100
120 11.6 5.3 7.9#
236 27.0 19.8 29.8

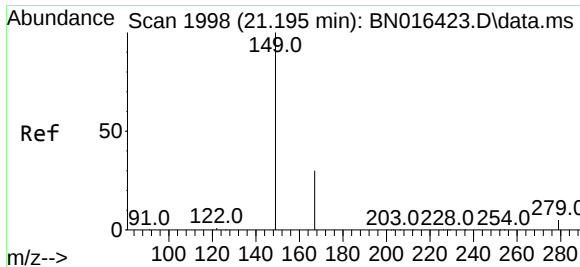
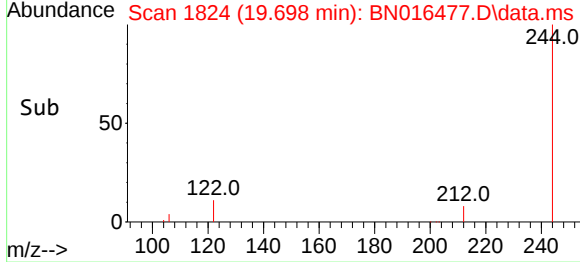
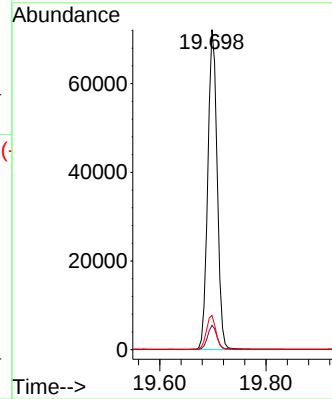
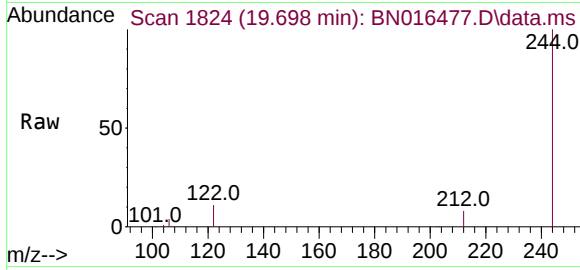




#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016477.D
 Acq: 25 Sep 2021 16:19

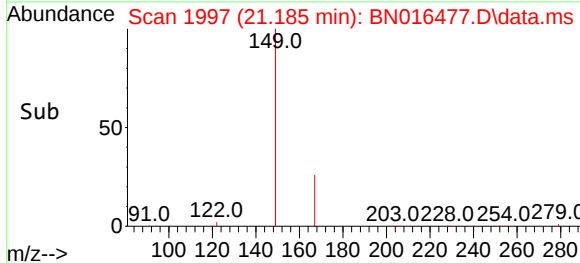
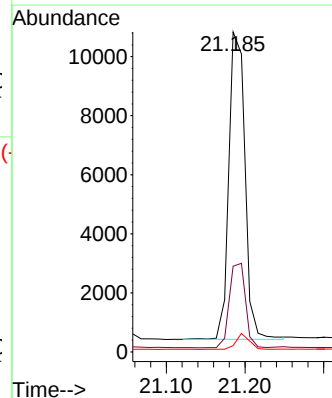
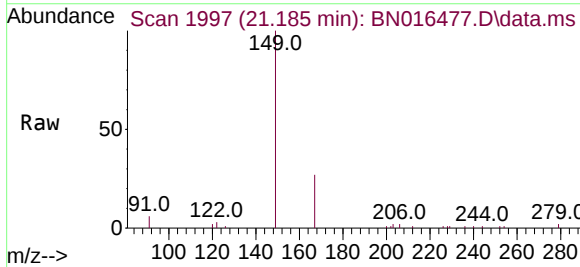
Instrument :
 BNA_N
 ClientSampleId :

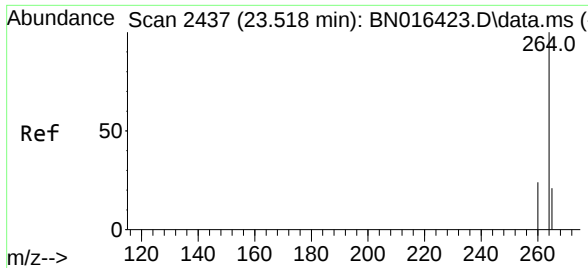
Tgt Ion:244	Resp:	88169
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	10.7	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.203 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016477.D
 Acq: 25 Sep 2021 16:19

Tgt Ion:149	Resp:	14796
Ion Ratio	Lower	Upper
149	100	
167	27.4	23.4 35.0
279	4.2	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: BN016477.D
 Acq: 25 Sep 2021 16:19

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 82250

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	23.7	23.7	35.5

