

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016476.D
 Acq On : 25 Sep 2021 15:43
 Operator : CG/JU
 Sample : M3782-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20210915

Quant Time: Sep 26 04:15:06 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)

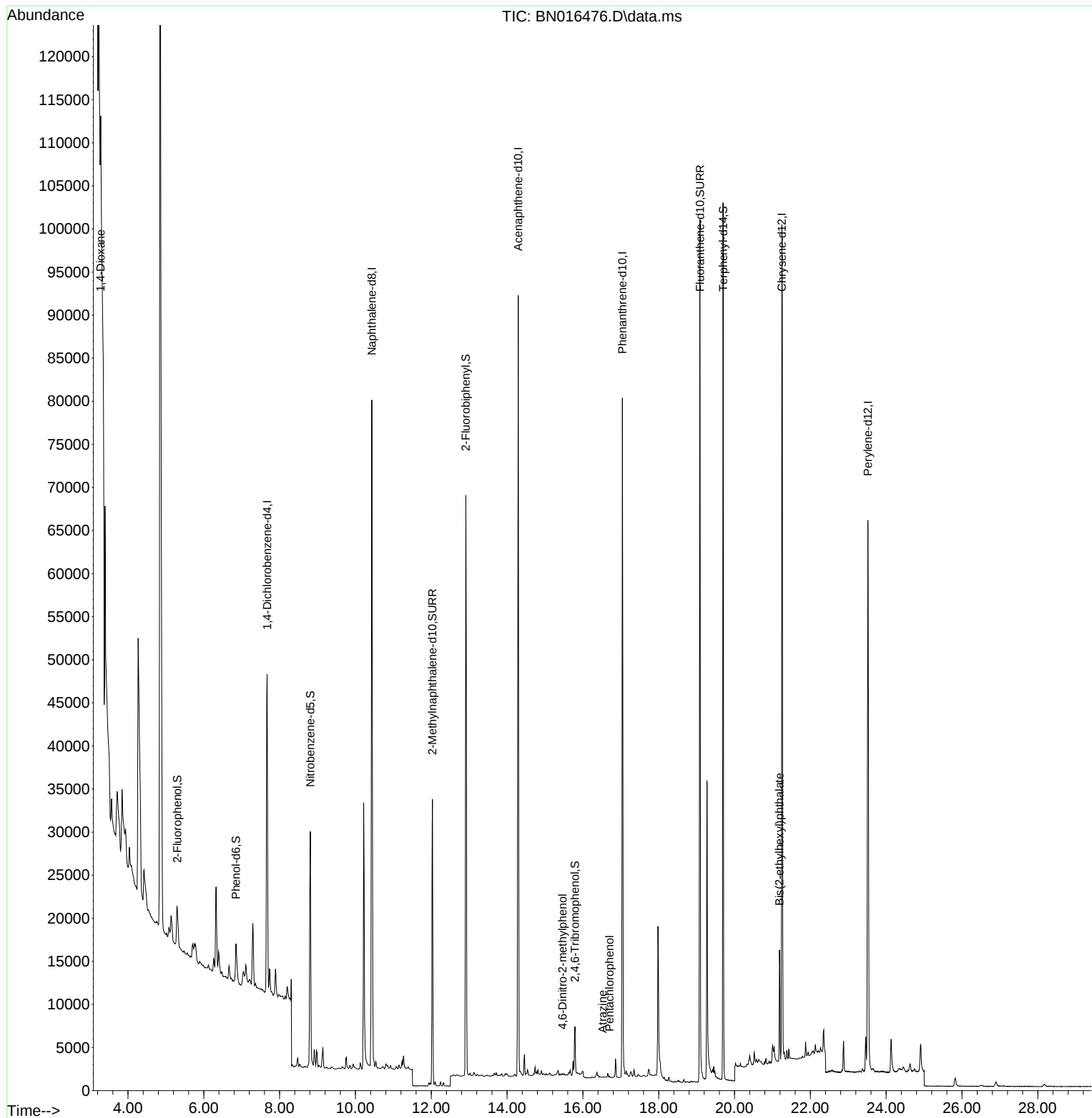
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22852	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	99331	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50227	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	101337	0.400	ng	0.00
29) Chrysene-d12	21.249	240	101020	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	86085	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6465	0.126	ng	0.02
5) Phenol-d6	6.849	99	4240	0.070	ng	0.00
8) Nitrobenzene-d5	8.810	82	21383	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43902	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4284	0.354	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	59410	0.282	ng	-0.01
27) Fluoranthene-d10	19.088	212	115269	0.415	ng	0.00
31) Terphenyl-d14	19.698	244	96487	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	11903	1.215	ng	90
20) 4,6-Dinitro-2-methylph...	15.461	198	15	0.149	ng	# 1
23) Atrazine	16.519	200	37	0.136	ng	# 13
24) Pentachlorophenol	16.701	266	89	0.247	ng	97
34) Bis(2-ethylhexyl)phtha...	21.185	149	13232	0.166	ng	97

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

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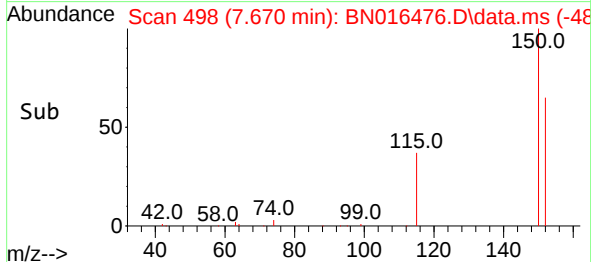
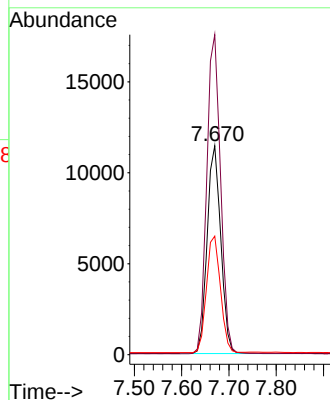
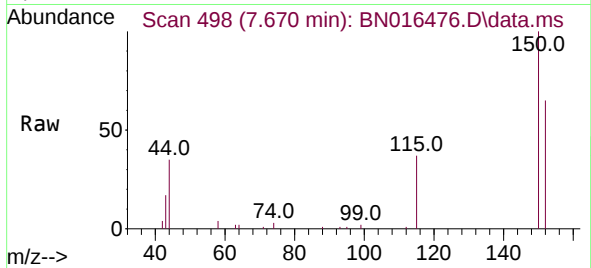




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016476.D
 Acq: 25 Sep 2021 15:43

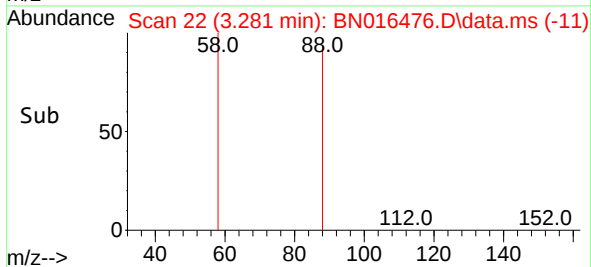
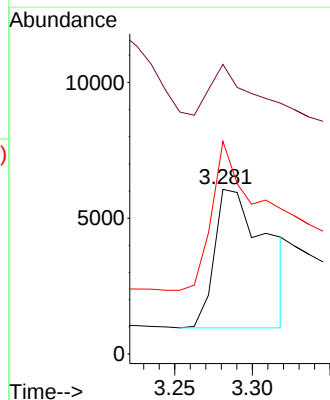
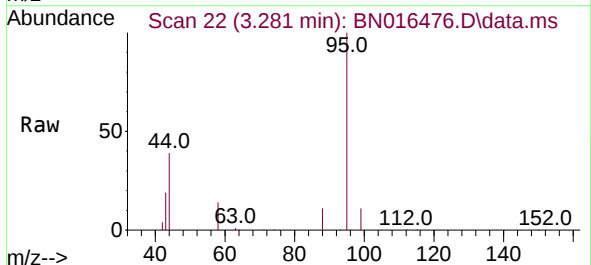
Instrument :
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 RE139D2-20210915

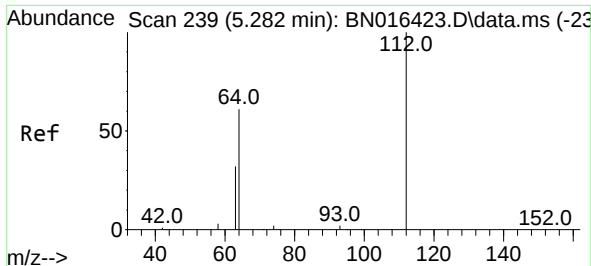
Tgt Ion:152 Resp: 22852
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.6 188.4
 115 56.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.215 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016476.D
 Acq: 25 Sep 2021 15:43

Tgt Ion: 88 Resp: 11903
 Ion Ratio Lower Upper
 88 100
 43 26.6 20.3 30.5
 58 98.6 69.9 104.9

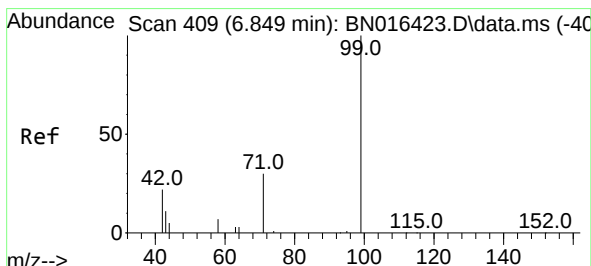
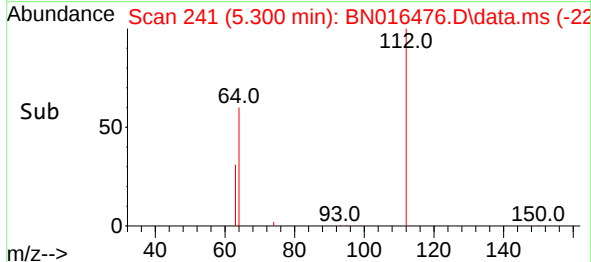
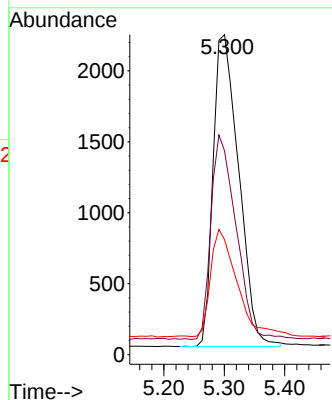
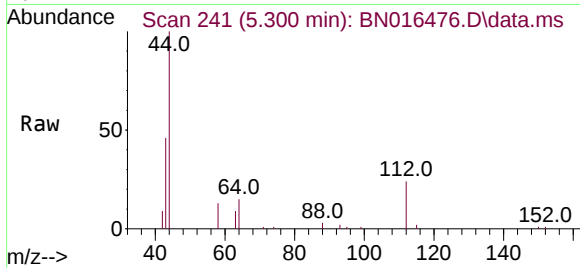




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

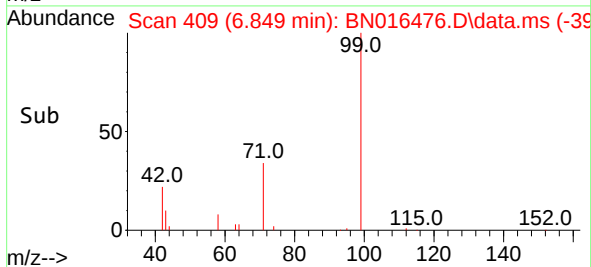
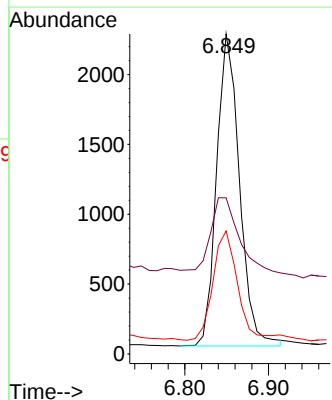
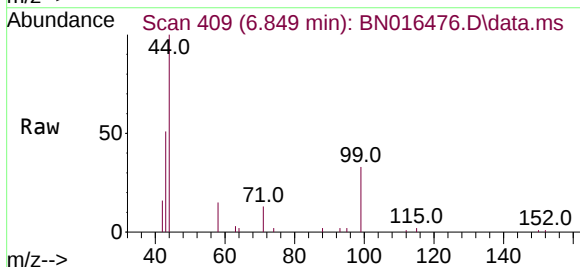
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

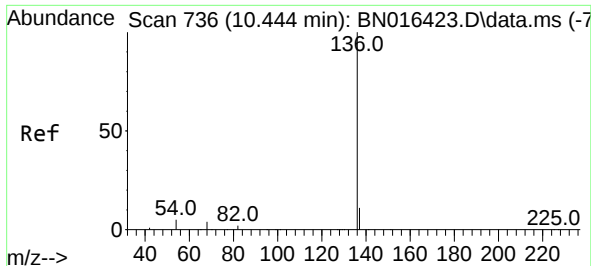
Tgt Ion:112 Resp: 6465
Ion Ratio Lower Upper
112 100
64 63.8 47.3 70.9
63 35.3 23.4 35.0#



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion: 99 Resp: 4240
Ion Ratio Lower Upper
99 100
42 29.7 14.0 21.0#
71 37.3 23.8 35.6#

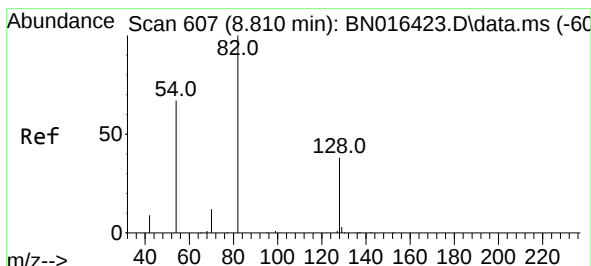
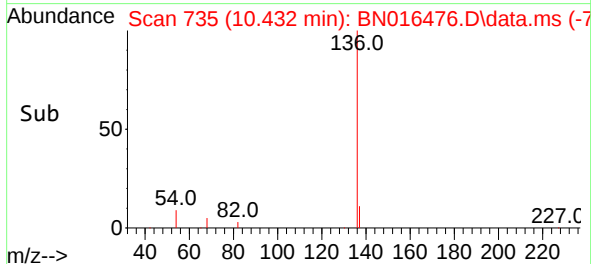
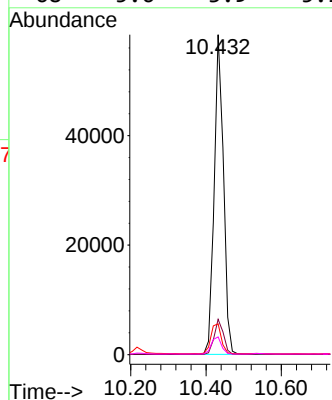
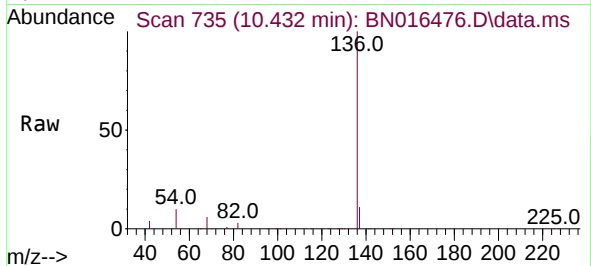




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

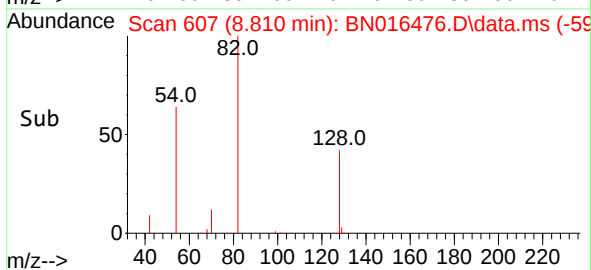
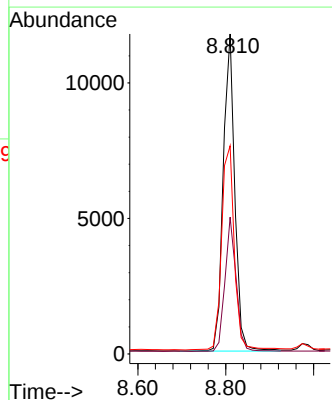
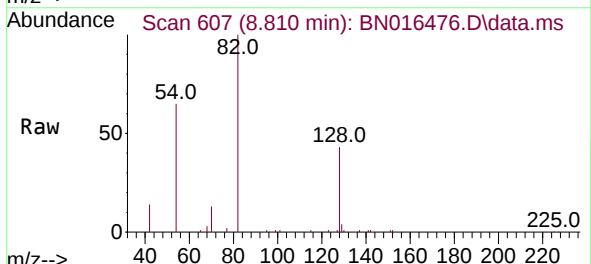
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

Tgt Ion:	136	Resp:	99331
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:	82	Resp:	21383
Ion Ratio	Lower	Upper	
82	100		
128	42.7	31.7	47.5
54	65.0	46.4	69.6

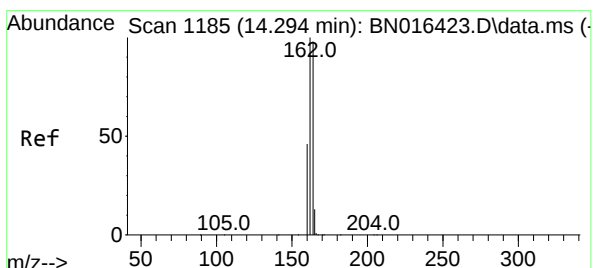
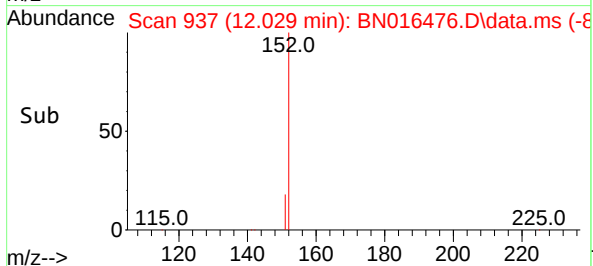
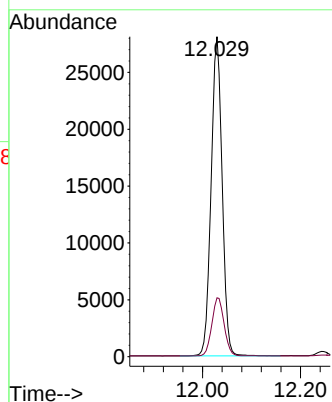
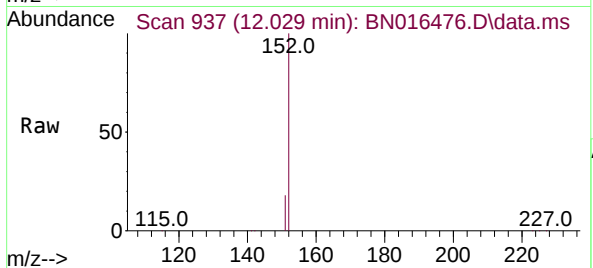




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

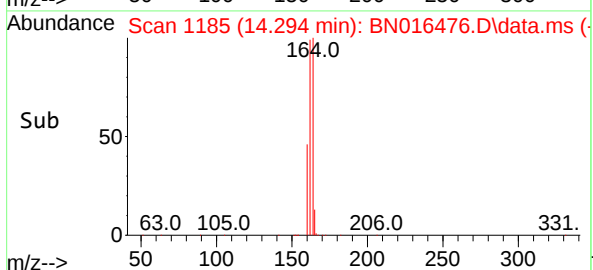
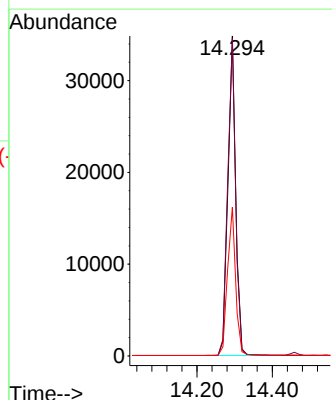
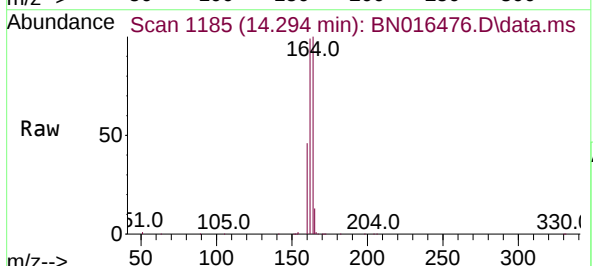
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

Tgt Ion:152 Resp: 43902
Ion Ratio Lower Upper
152 100
151 20.3 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: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:164 Resp: 50227
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.4
160 46.5 34.1 51.1

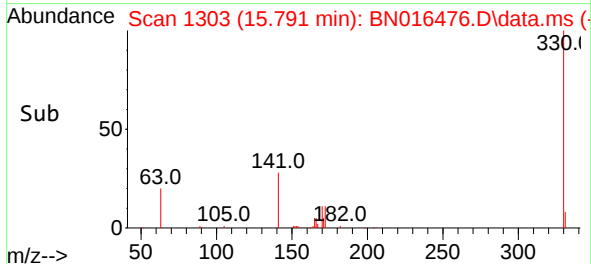
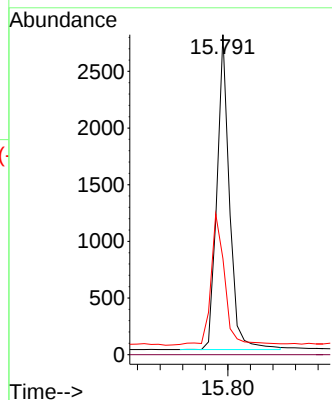
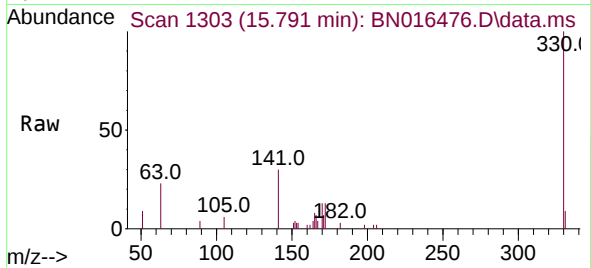




#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

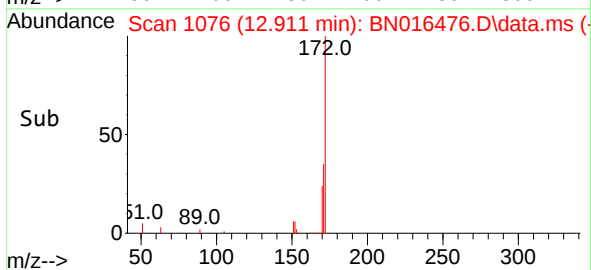
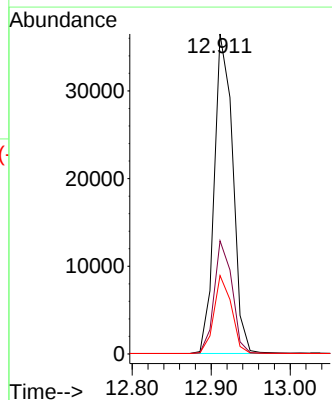
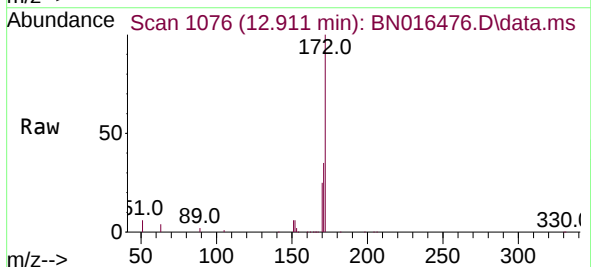
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ClientSampleId :
RE139D2-20210915

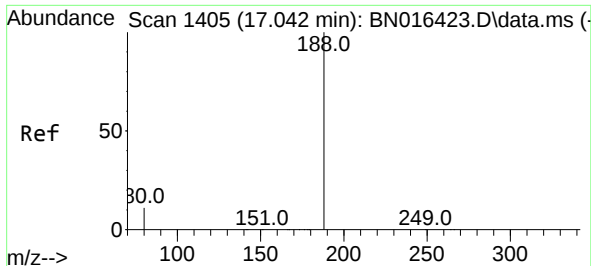
Tgt Ion:330 Resp: 4284
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:172 Resp: 59410
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.5 18.2 27.2

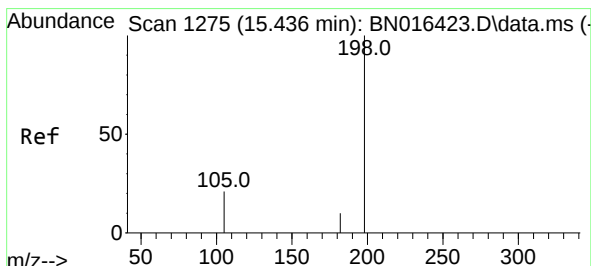
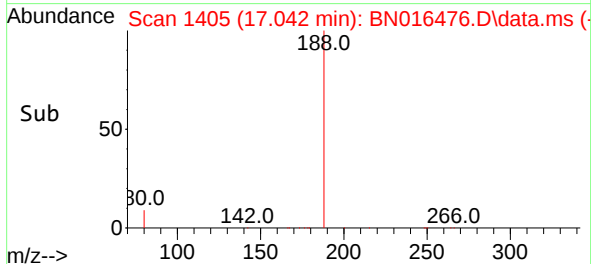
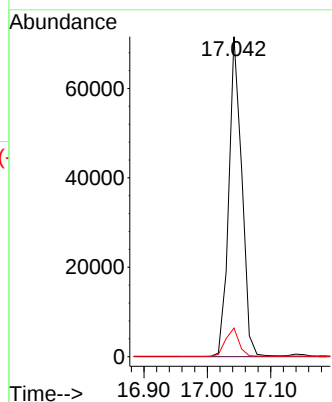
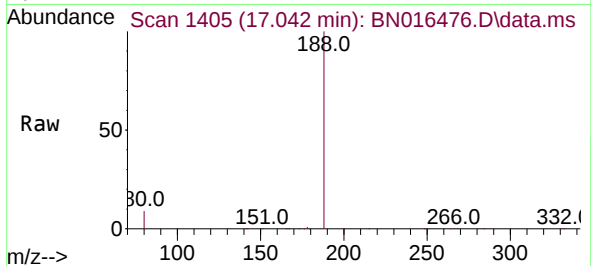




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

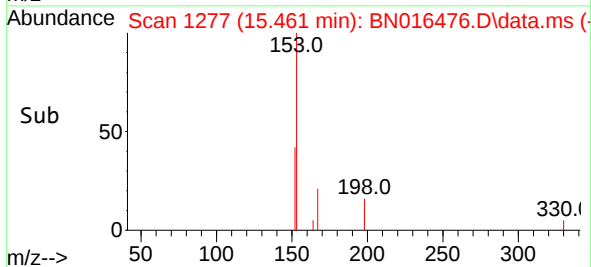
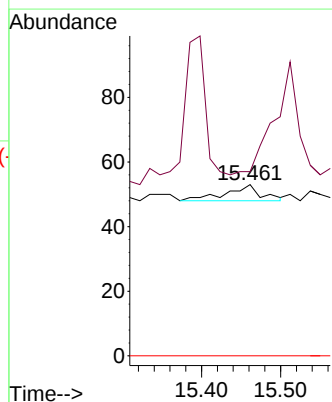
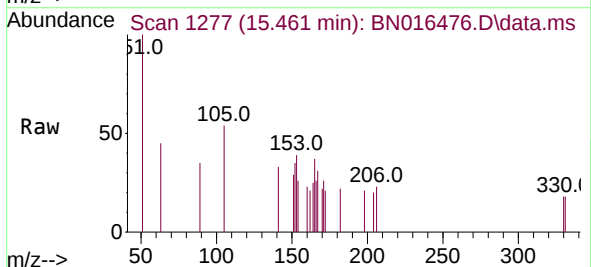
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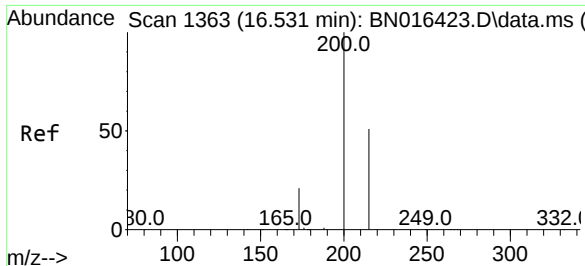
Tgt Ion:188 Resp: 101337
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 107.5 26.6 39.8#
77 0.0 0.0 0.0

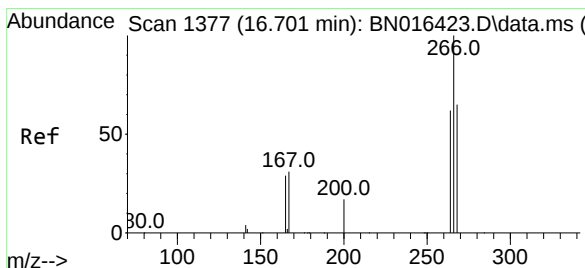
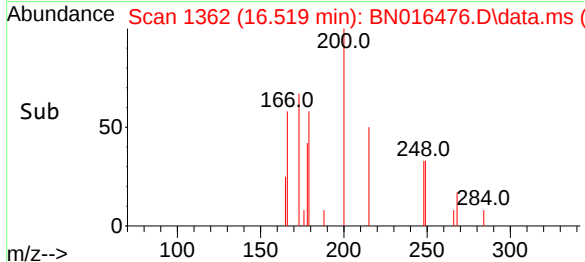
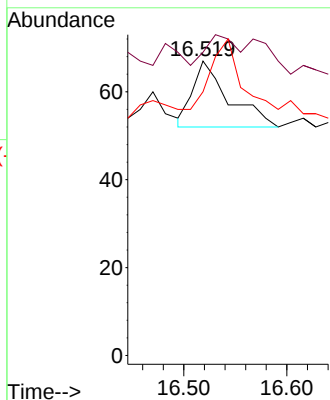
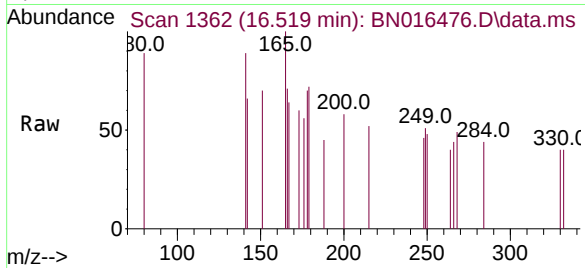




#23
Atrazine
Concen: 0.136 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

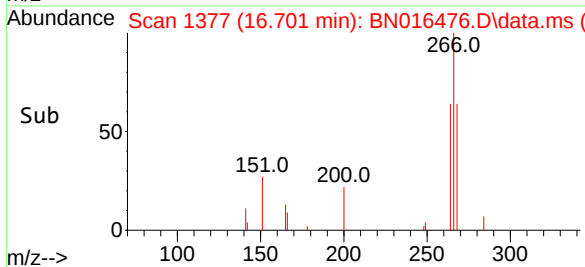
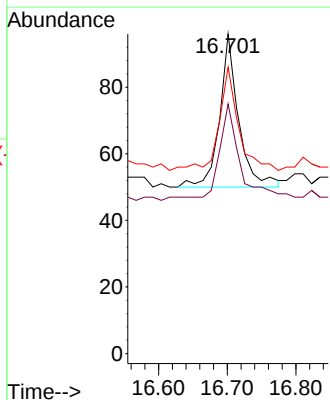
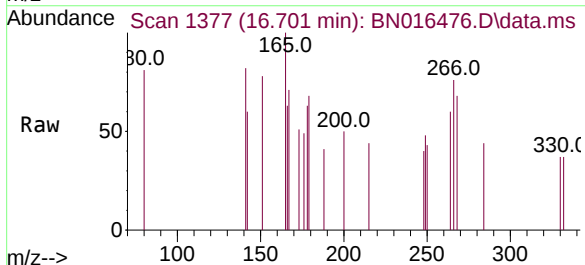
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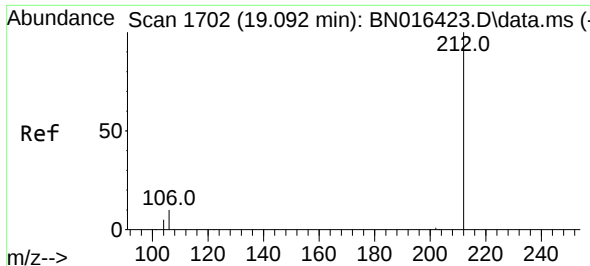
Tgt Ion:200 Resp: 37
Ion Ratio Lower Upper
200 100
173 103.0 18.7 28.1#
215 89.6 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:266 Resp: 89
Ion Ratio Lower Upper
266 100
264 59.6 50.6 75.8
268 66.3 52.6 79.0

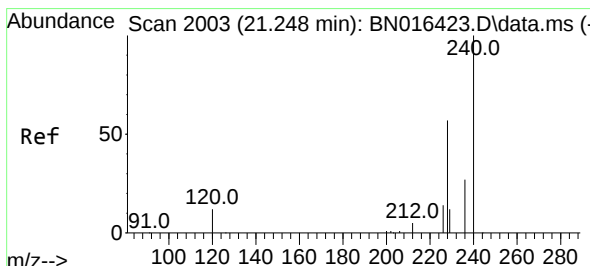
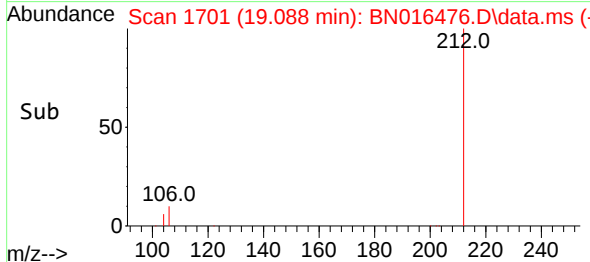
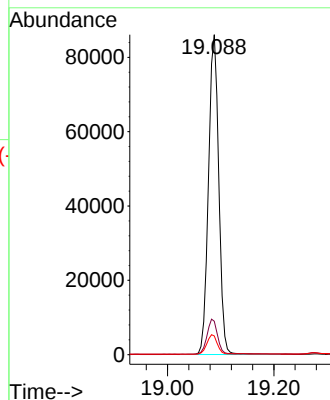
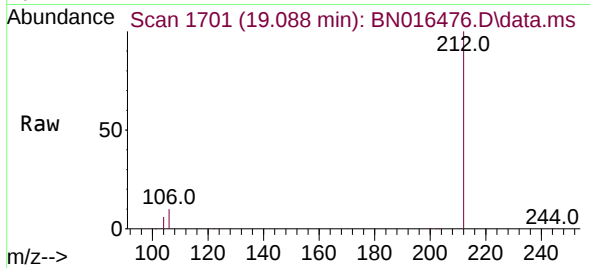




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

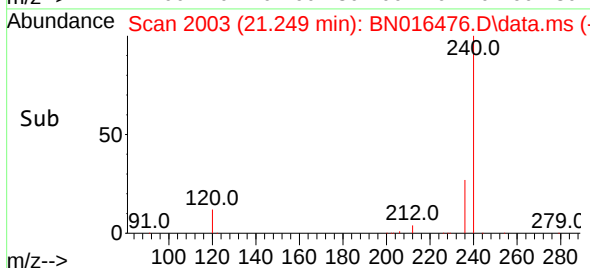
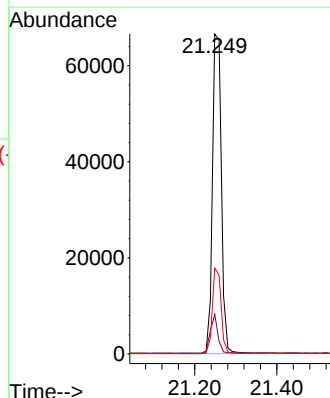
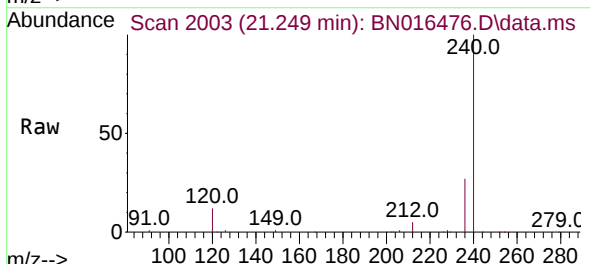
Instrument :
BNA_N
ClientSampleId :
RE139D2-20210915

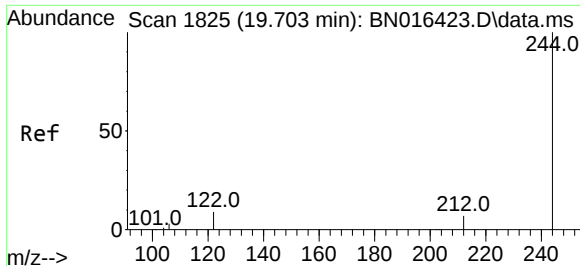
Tgt Ion:212 Resp: 115269
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016476.D
Acq: 25 Sep 2021 15:43

Tgt Ion:240 Resp: 101020
Ion Ratio Lower Upper
240 100
120 12.3 5.3 7.9#
236 26.8 19.8 29.8

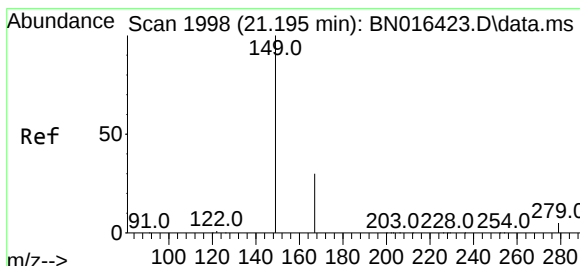
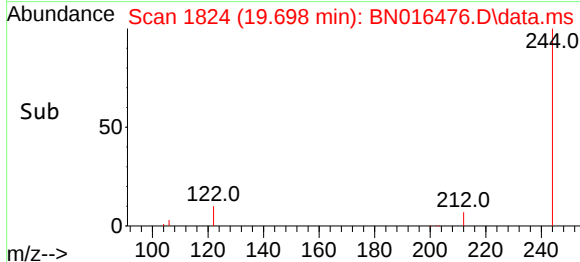
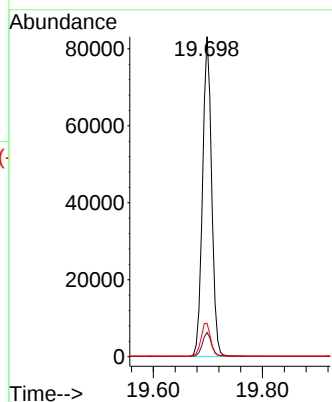
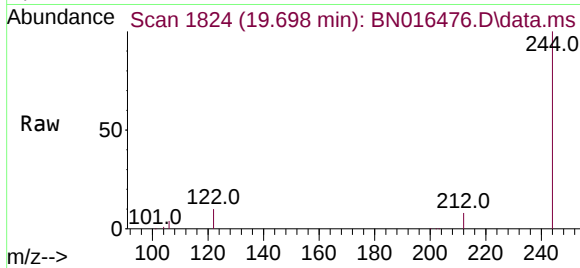




#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016476.D
 Acq: 25 Sep 2021 15:43

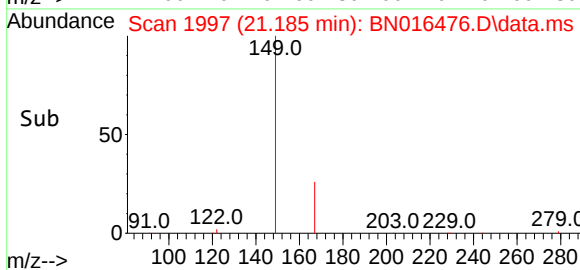
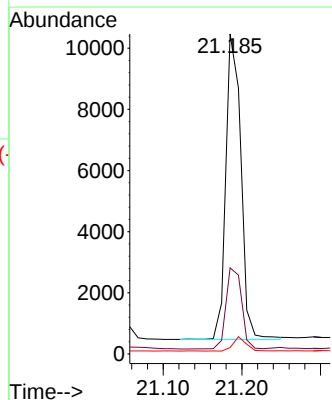
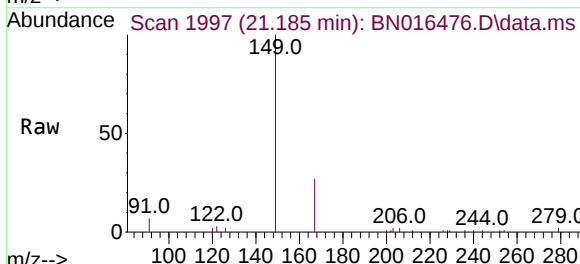
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20210915

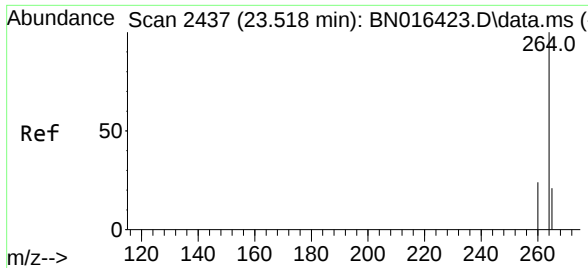
Tgt Ion:244	Resp:	96487
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	10.5	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.166 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016476.D
 Acq: 25 Sep 2021 15:43

Tgt Ion:149	Resp:	13232
Ion Ratio	Lower	Upper
149	100	
167	27.5	23.4 35.0
279	4.1	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: BN016476.D
 Acq: 25 Sep 2021 15:43

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20210915

Tgt Ion:264	Resp:	86085
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.9 28.3
265	23.7	23.7 35.5

