

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016481.D
 Acq On : 25 Sep 2021 18:45
 Operator : CG/JU
 Sample : M3782-06DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210914DL

Quant Time: Sep 26 04:15:45 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)

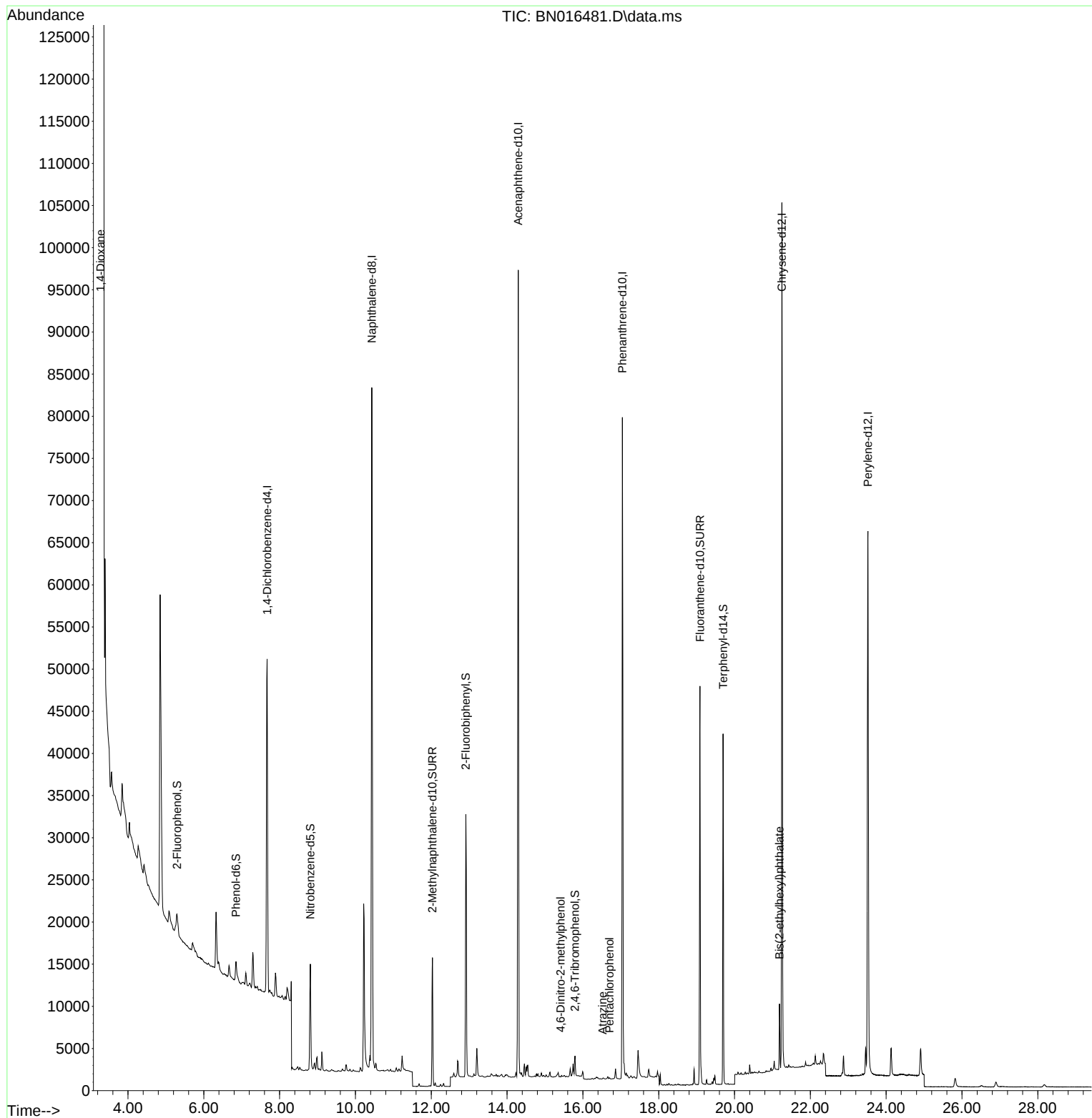
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24396	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	104582	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53146	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	104701	0.400	ng	0.00
29) Chrysene-d12	21.248	240	97638	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	86029	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	3310	0.060	ng	0.00
5) Phenol-d6	6.849	99	2301	0.036	ng	0.00
8) Nitrobenzene-d5	8.809	82	9961	0.135	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	20363	0.131	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1905	0.220	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	28044	0.126	ng	-0.01
27) Fluoranthene-d10	19.087	212	53056	0.185	ng	0.00
31) Terphenyl-d14	19.698	244	41873	0.184	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	20269	1.939	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.410	198	11	0.148	ng	# 1
23) Atrazine	16.518	200	64	0.136	ng	# 32
24) Pentachlorophenol	16.701	266	72	0.247	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.185	149	7504	0.097	ng	96

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

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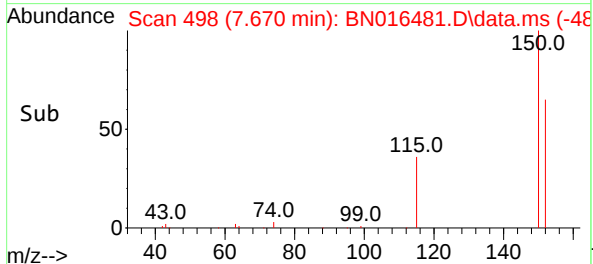
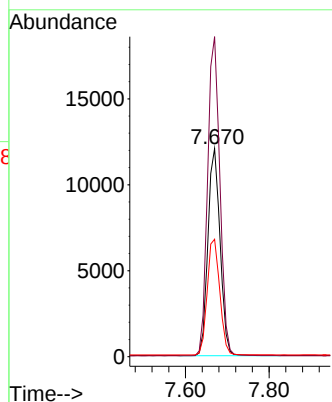
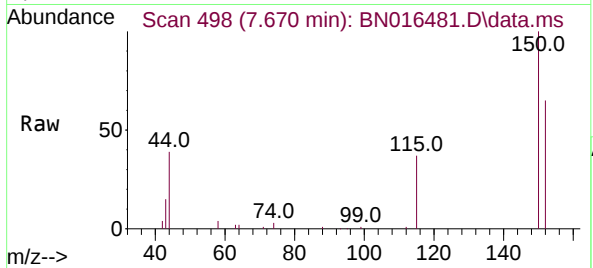




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016481.D
 Acq: 25 Sep 2021 18:45

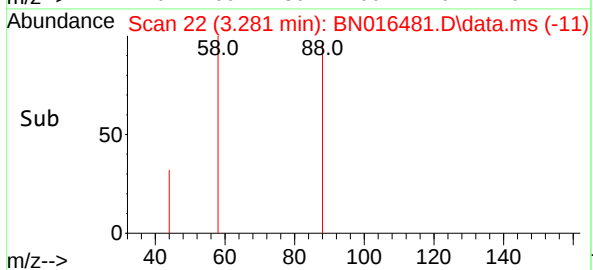
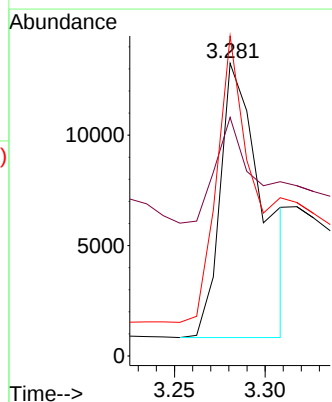
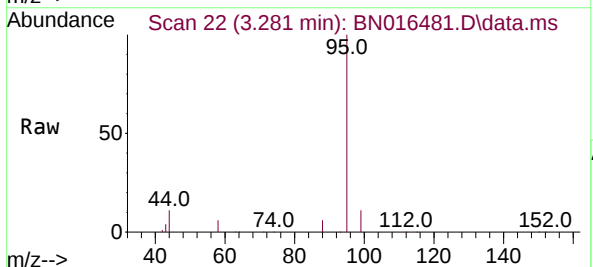
Instrument :
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 RE132D6-20210914DL

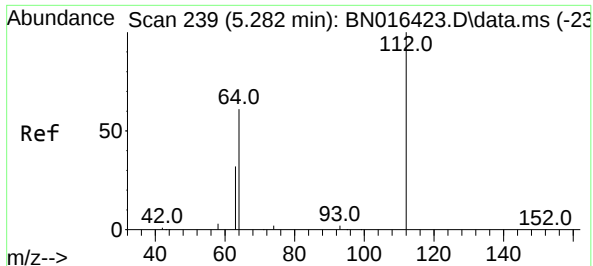
Tgt Ion:152 Resp: 24396
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.6 188.4
 115 56.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.939 ng
 RT: 3.281 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN016481.D
 Acq: 25 Sep 2021 18:45

Tgt Ion: 88 Resp: 20269
 Ion Ratio Lower Upper
 88 100
 43 40.5 20.3 30.5#
 58 113.4 69.9 104.9#

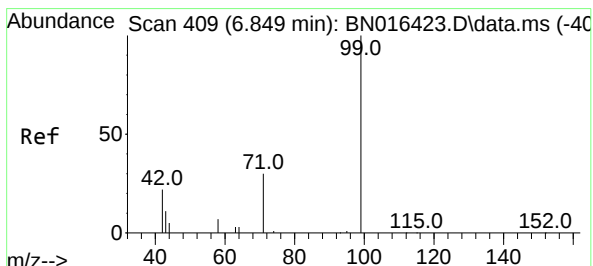
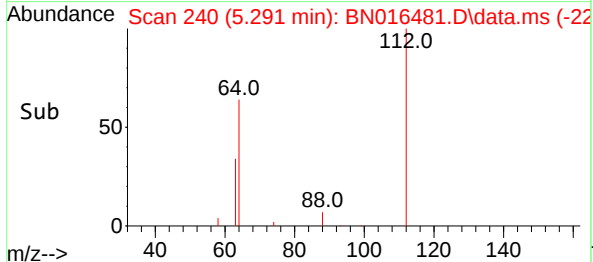
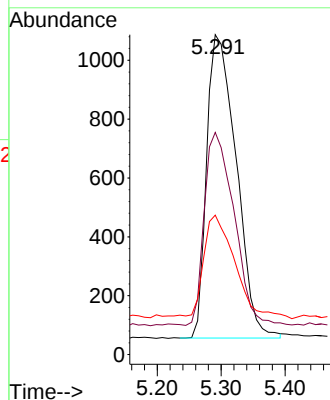
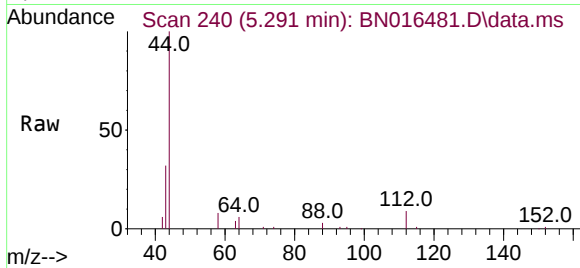




#4
2-Fluorophenol
Concen: 0.060 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

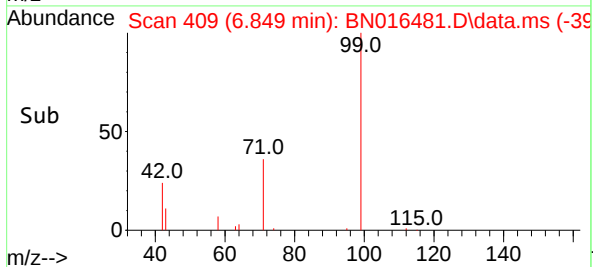
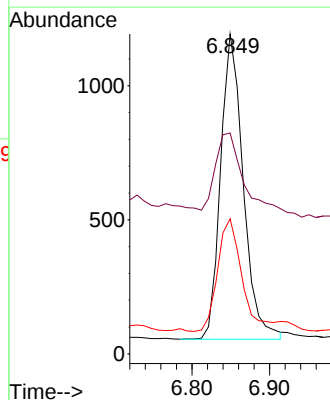
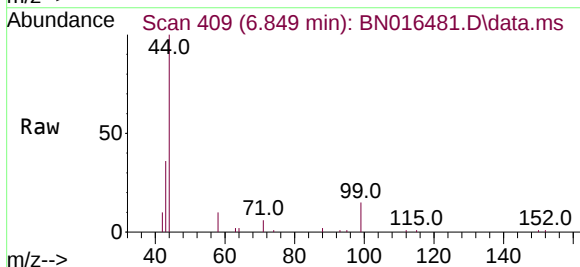
Instrument :
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ClientSampleId :
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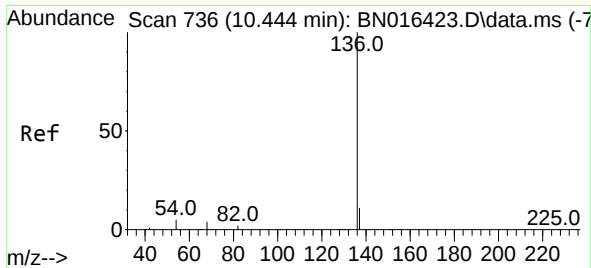
Tgt Ion:	112	Resp:	3310
Ion Ratio	Lower	Upper	
112	100		
64	63.9	47.3	70.9
63	33.6	23.4	35.0



#5
Phenol-d6
Concen: 0.036 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:	99	Resp:	2301
Ion Ratio	Lower	Upper	
99	100		
42	28.9	14.0	21.0#
71	39.7	23.8	35.6#

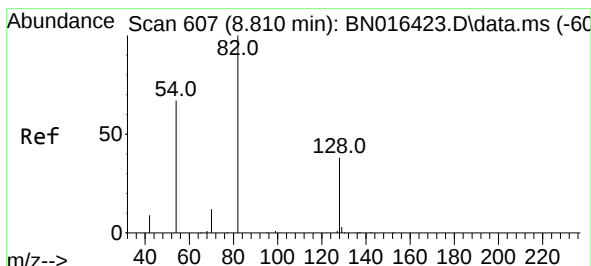
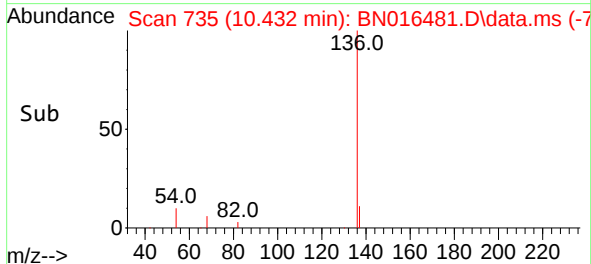
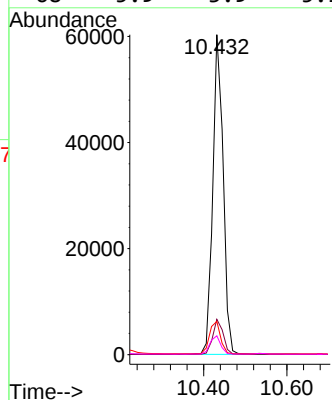
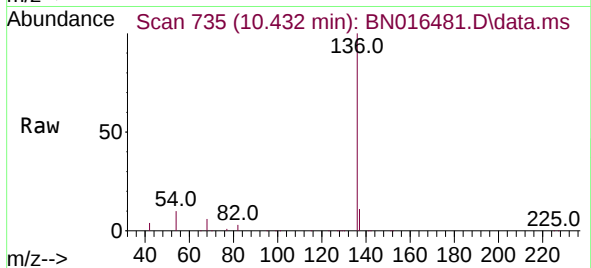




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

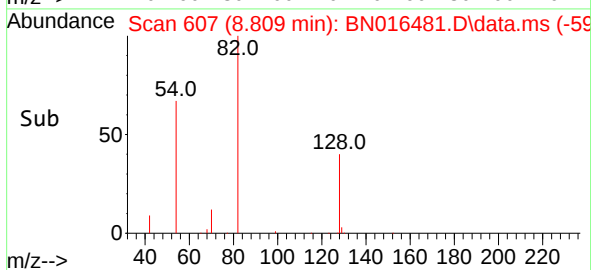
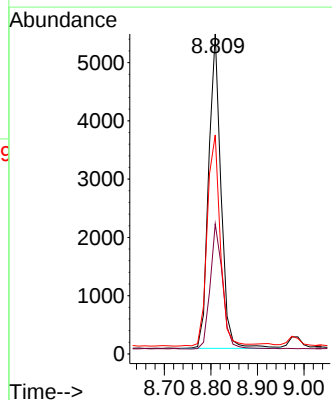
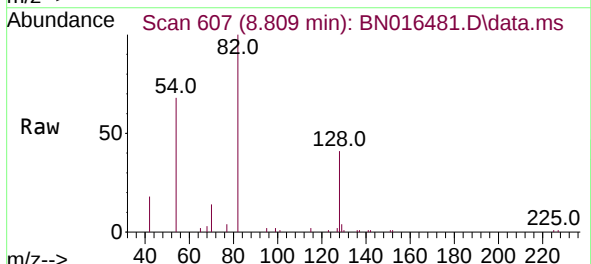
Instrument :
BNA_N
ClientSampleId :
RE132D6-20210914DL

Tgt Ion:136	Resp:	104582
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	10.4	5.3 7.9#
68	5.9	3.9 5.9#



#8
Nitrobenzene-d5
Concen: 0.135 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion: 82	Resp:	9961
Ion Ratio	Lower	Upper
82	100	
128	40.7	31.7 47.5
54	68.4	46.4 69.6

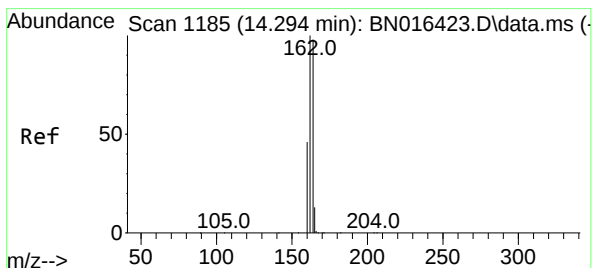
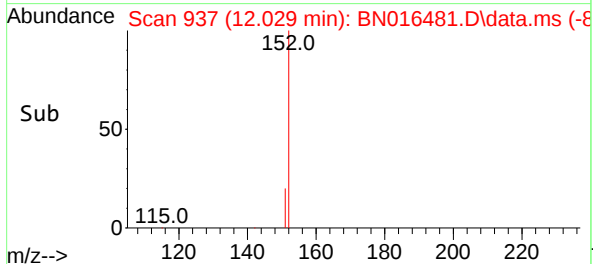
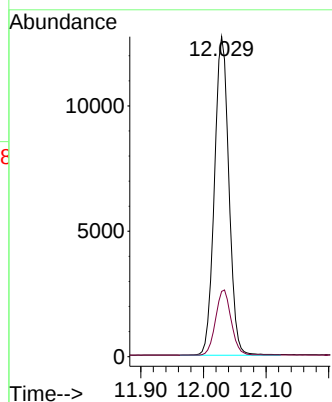
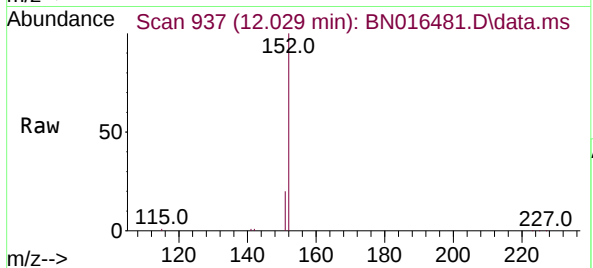




#11
2-Methylnaphthalene-d10
Concen: 0.131 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

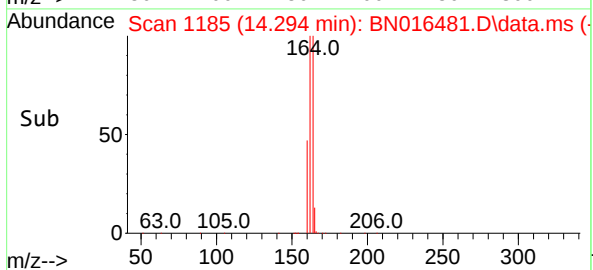
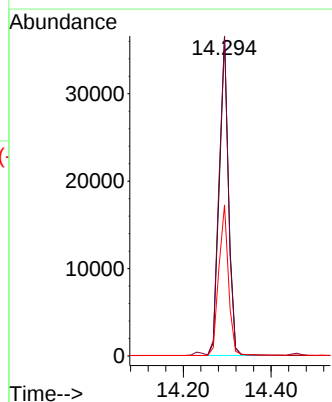
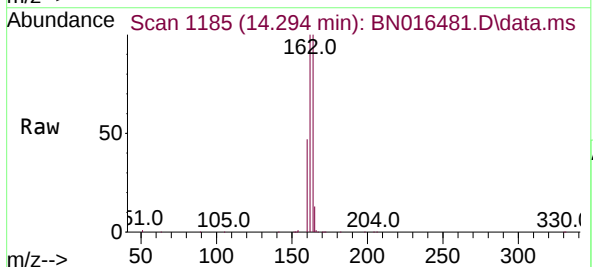
Instrument :
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Tgt Ion:152 Resp: 20363
Ion Ratio Lower Upper
152 100
151 22.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:164 Resp: 53146
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.4
160 47.2 34.1 51.1

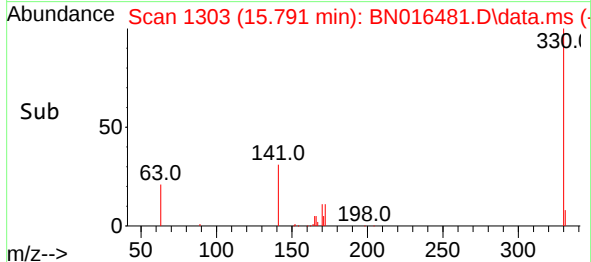
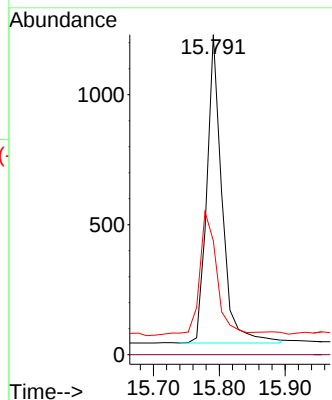
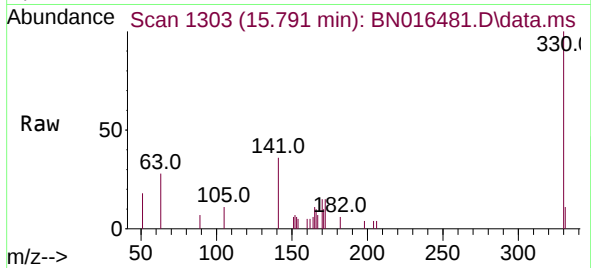




#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

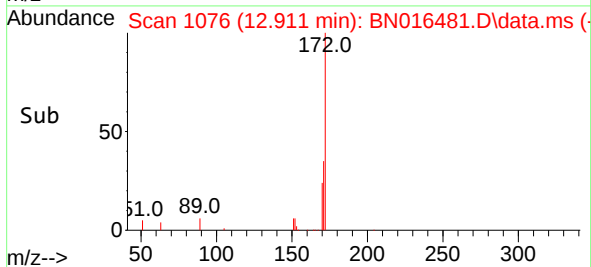
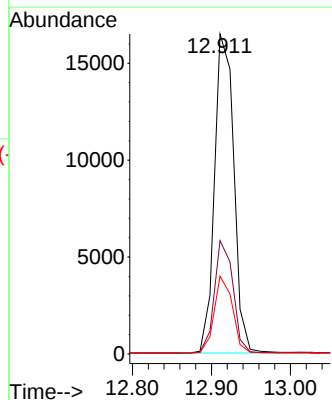
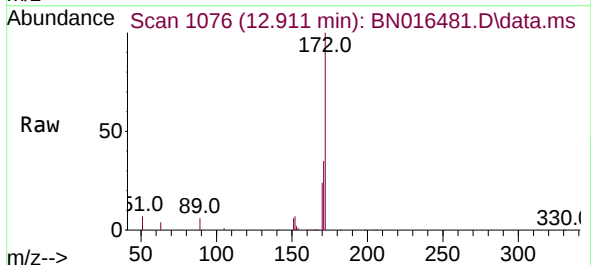
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ClientSampleId :
RE132D6-20210914DL

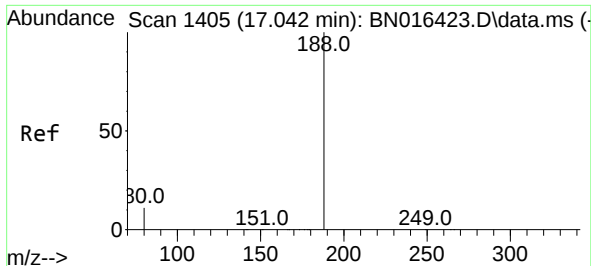
Tgt Ion:330 Resp: 1905
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.126 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:172 Resp: 28044
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.3 18.2 27.2

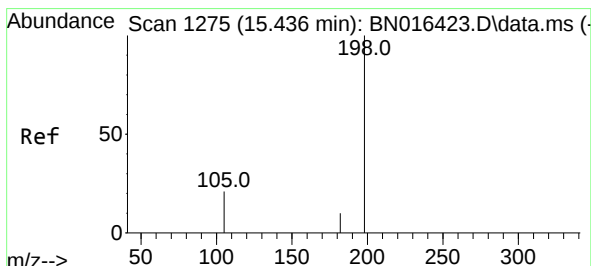
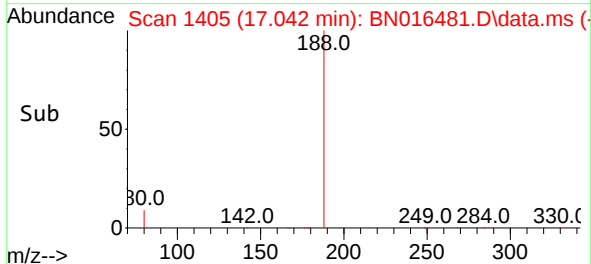
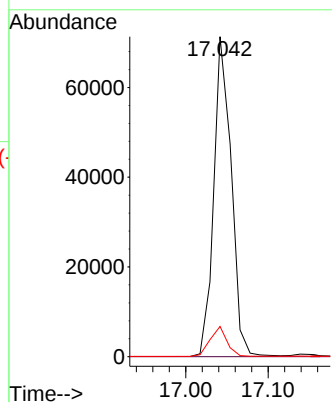
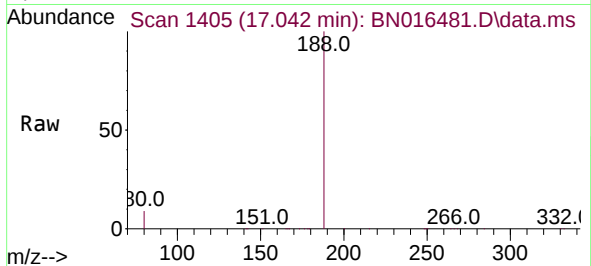




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

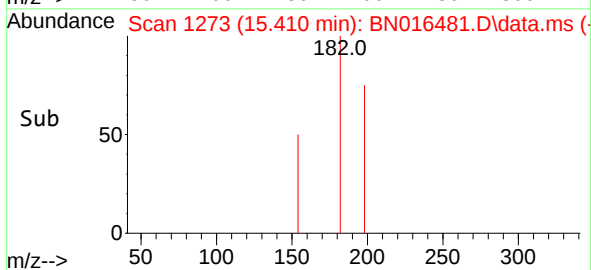
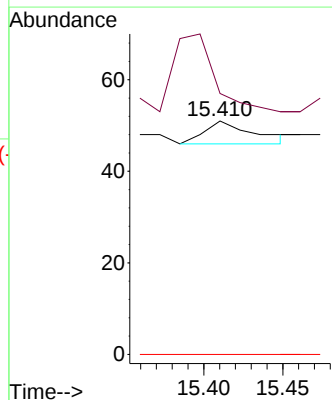
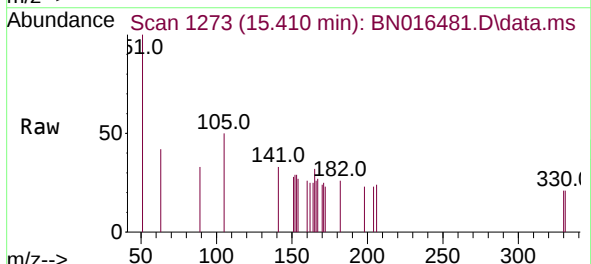
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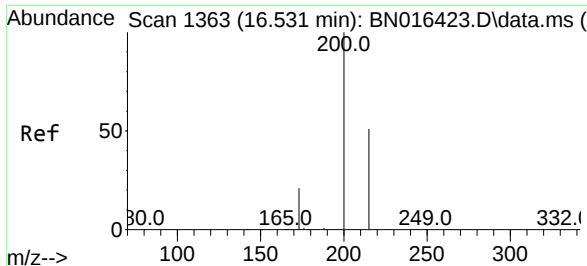
Tgt Ion:188 Resp: 104701
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.026 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 111.8 26.6 39.8#
77 0.0 0.0 0.0

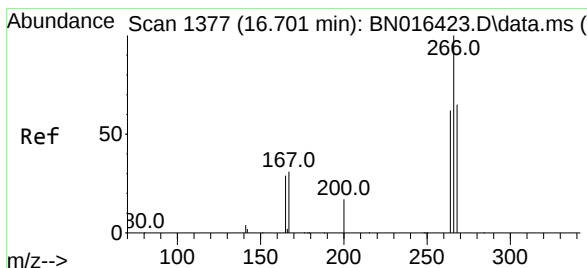
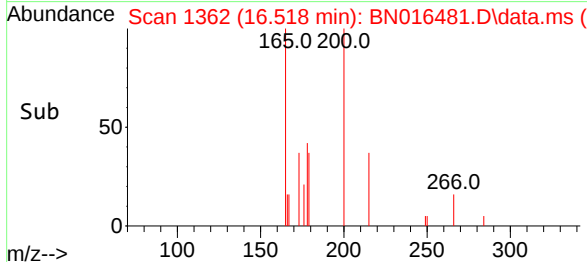
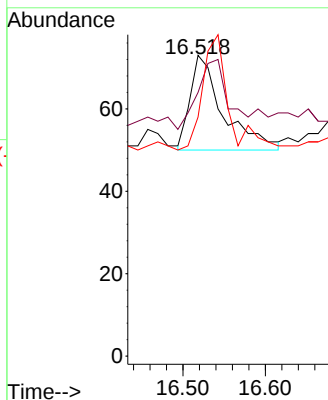
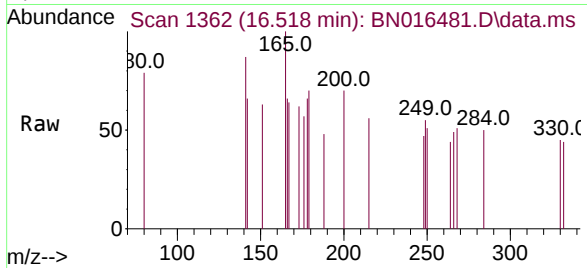




#23
Atrazine
Concen: 0.136 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

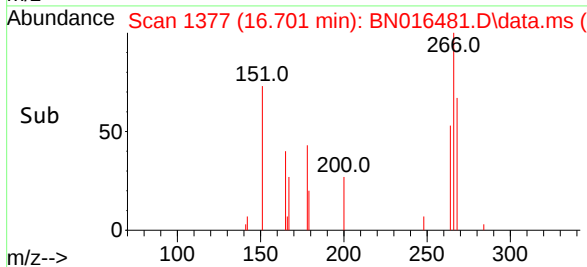
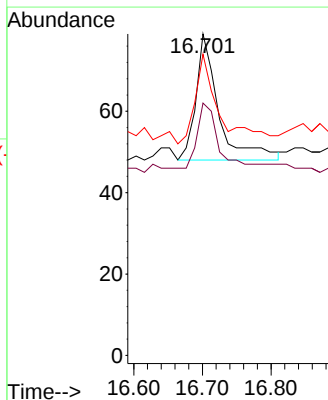
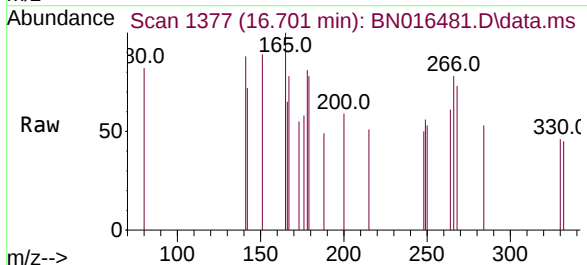
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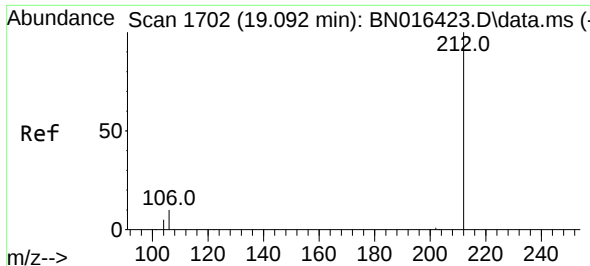
Tgt Ion:200 Resp: 64
Ion Ratio Lower Upper
200 100
173 87.7 18.7 28.1#
215 79.5 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:266 Resp: 72
Ion Ratio Lower Upper
266 100
264 45.8 50.6 75.8#
268 73.6 52.6 79.0

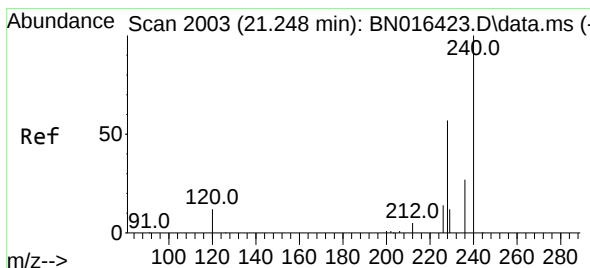
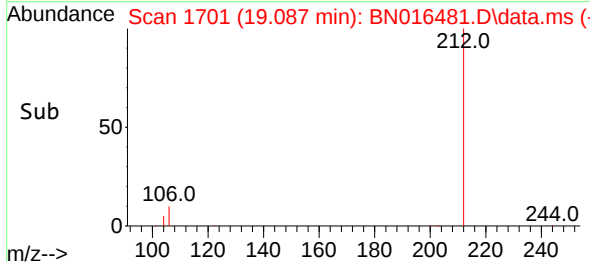
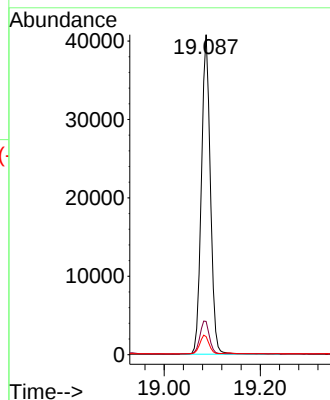
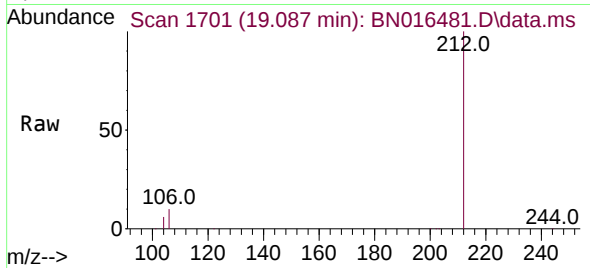




#27
Fluoranthene-d10
Concen: 0.185 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

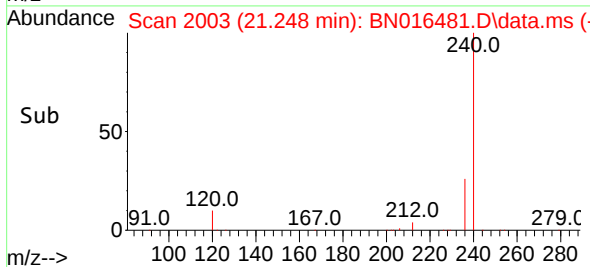
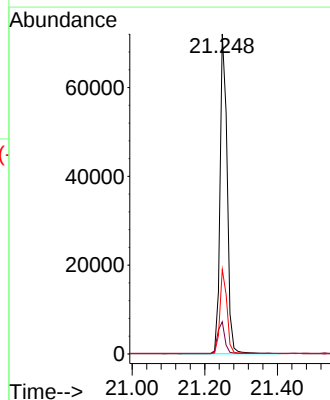
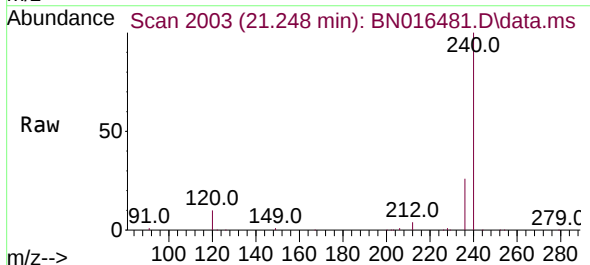
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RE132D6-20210914DL

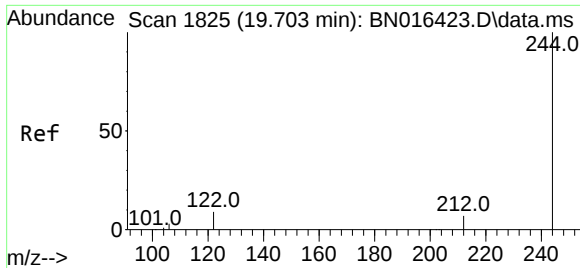
Tgt Ion:212 Resp: 53056
Ion Ratio Lower Upper
212 100
106 10.8 9.8 14.6
104 6.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016481.D
Acq: 25 Sep 2021 18:45

Tgt Ion:240 Resp: 97638
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 26.4 19.8 29.8

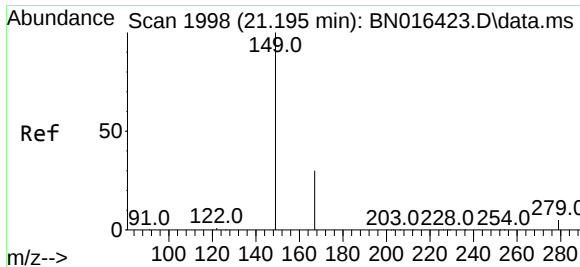
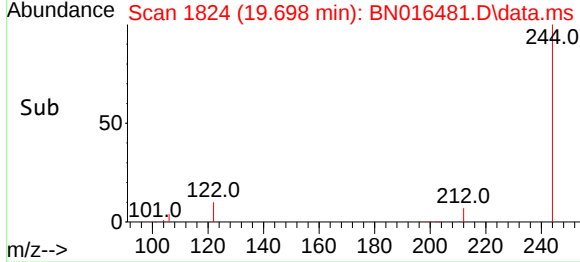
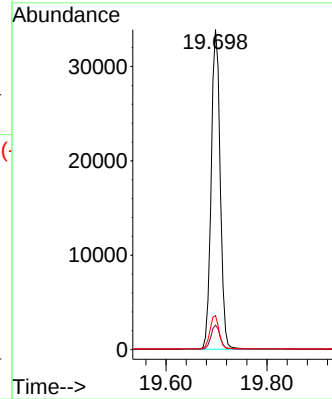
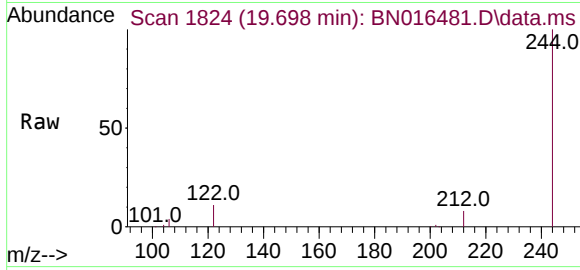




#31
 Terphenyl-d14
 Concen: 0.184 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016481.D
 Acq: 25 Sep 2021 18:45

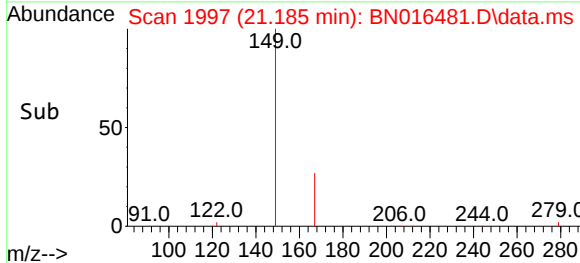
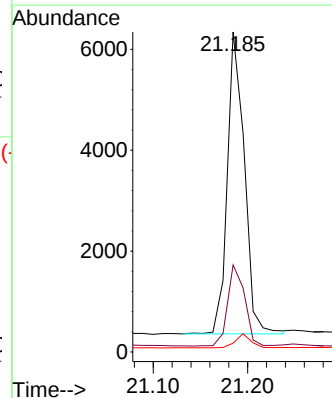
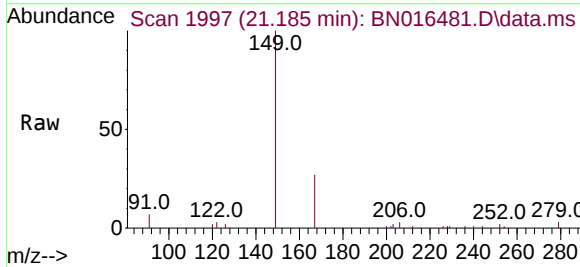
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210914DL

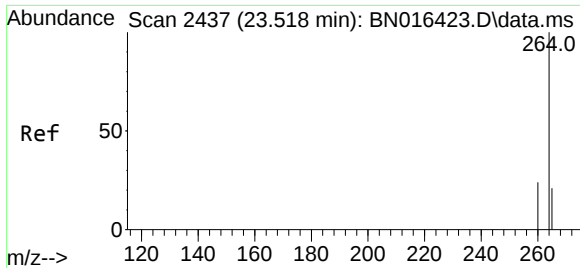
Tgt Ion:244	Resp:	41873
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.5 8.3
122	10.6	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016481.D
 Acq: 25 Sep 2021 18:45

Tgt Ion:149	Resp:	7504
Ion Ratio	Lower	Upper
149	100	
167	26.8	23.4 35.0
279	4.2	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016481.D
 Acq: 25 Sep 2021 18:45

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210914DL

Tgt Ion:264	Resp:	86029
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.9 28.3
265	23.1	23.7 35.5#

