

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016447.D
 Acq On : 24 Sep 2021 21:01
 Operator : CG/JU
 Sample : M3782-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

Quant Time: Sep 25 05:06:09 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)

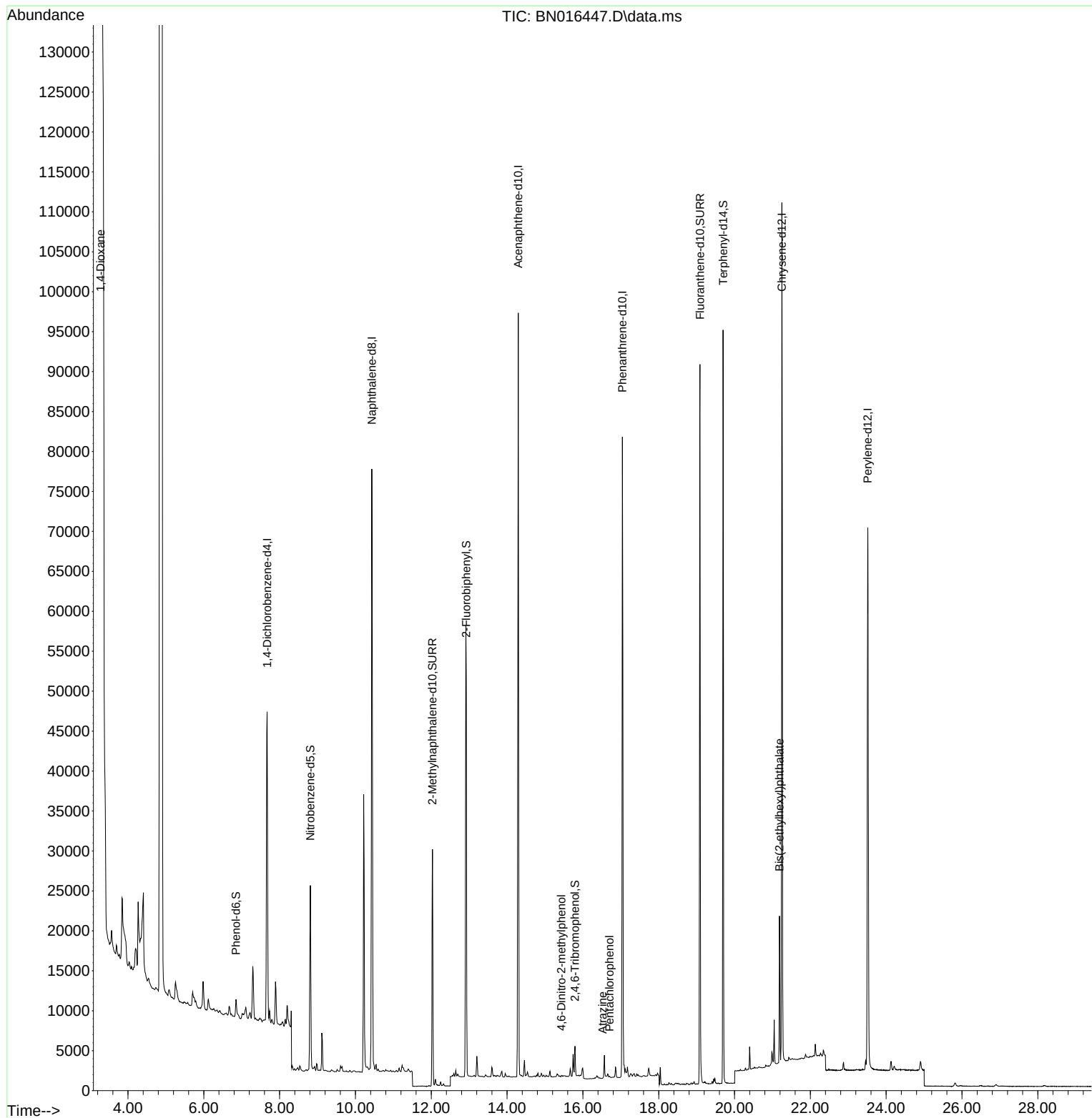
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22364	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	100700	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	53129	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	107948	0.400	ng	0.00
29) Chrysene-d12	21.249	240	100116	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	88841	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	927	0.018	ng	0.02
5) Phenol-d6	6.849	99	2046	0.035	ng	0.00
8) Nitrobenzene-d5	8.810	82	18121	0.254	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	39916	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	2709	0.261	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	53503	0.240	ng	0.00
27) Fluoranthene-d10	19.088	212	103177	0.348	ng	0.00
31) Terphenyl-d14	19.698	244	92561	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.281	88	69890	7.292	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.436	198	5	0.148	ng	# 1
23) Atrazine	16.519	200	16	0.135	ng	# 1
24) Pentachlorophenol	16.701	266	69	0.246	ng	91
34) Bis(2-ethylhexyl)phtha...	21.185	149	17342	0.219	ng	98

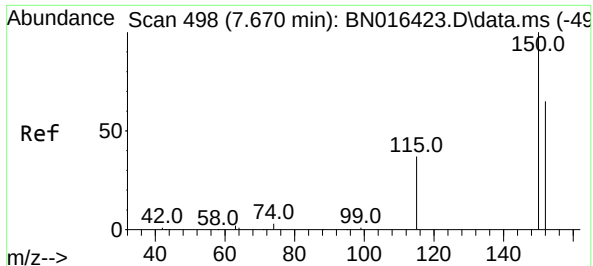
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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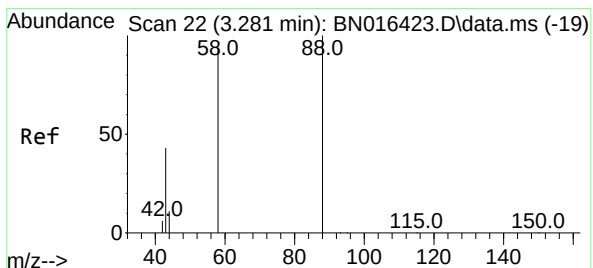
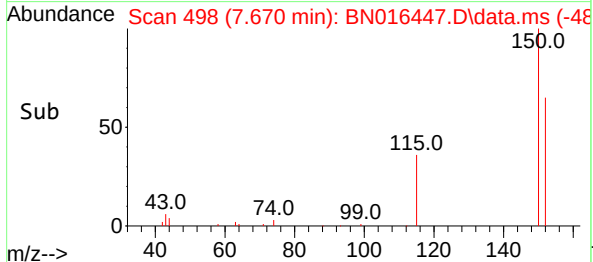
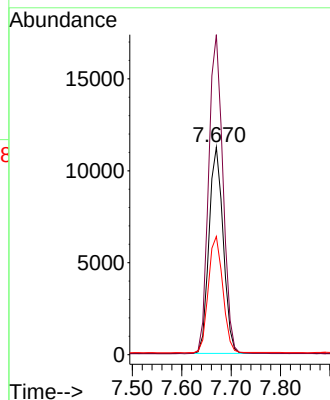
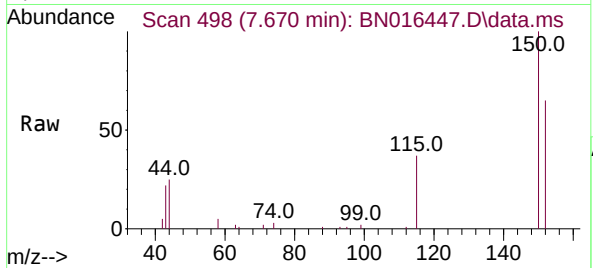




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

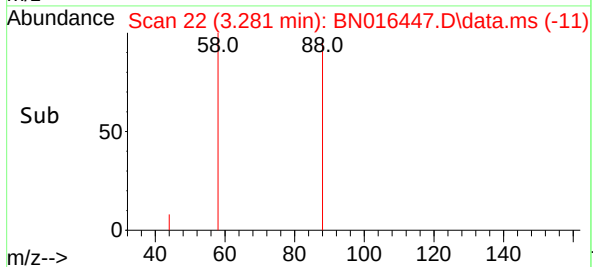
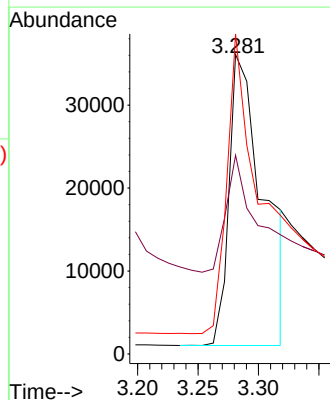
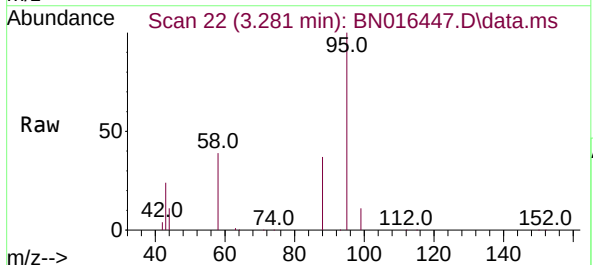
Instrument :
 BNA_N
 ClientSampleId :
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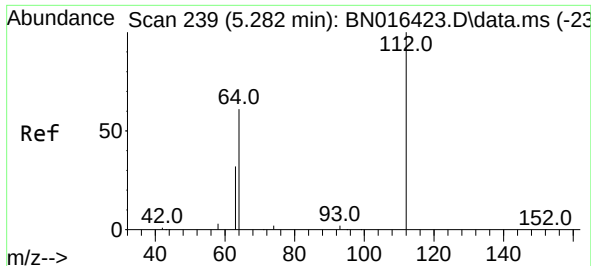
Tgt Ion: 152 Resp: 22364
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.6 188.4
 115 57.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 7.292 ng
 RT: 3.281 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

Tgt Ion: 88 Resp: 69890
 Ion Ratio Lower Upper
 88 100
 43 35.1 20.3 30.5#
 58 94.3 69.9 104.9

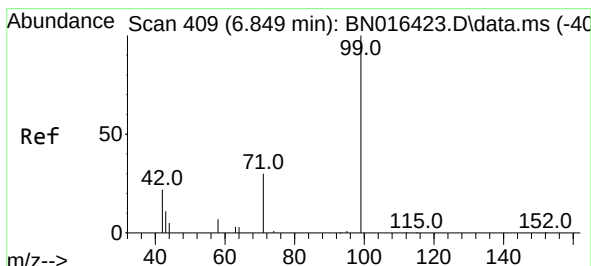
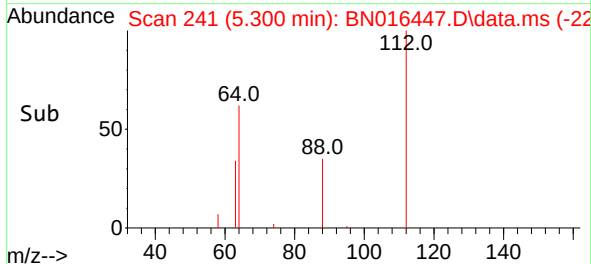
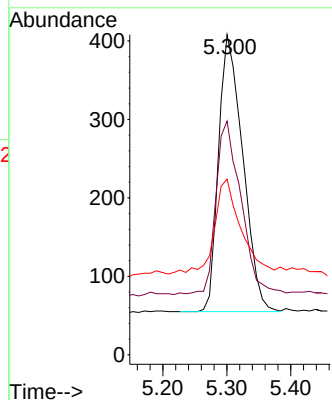
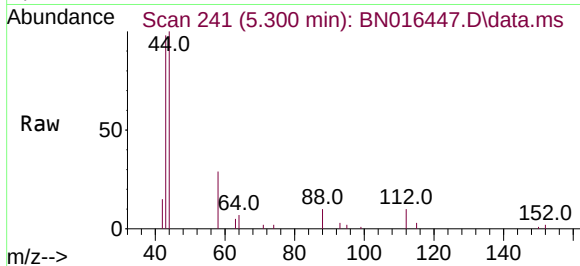




#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

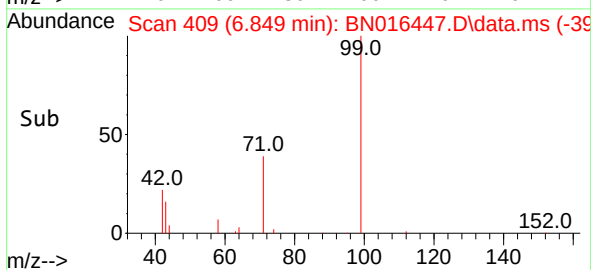
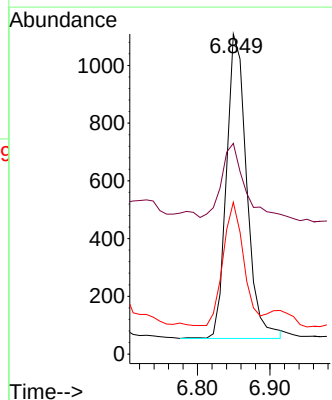
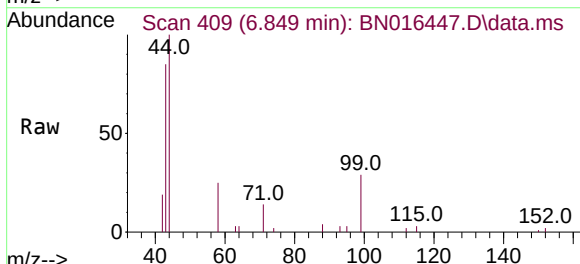
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

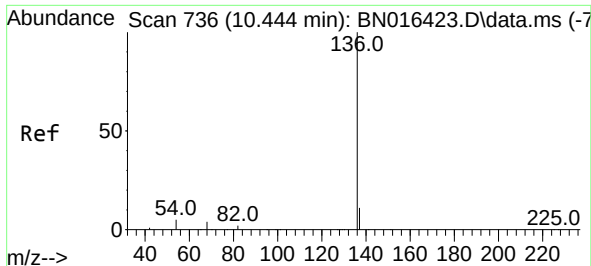
Tgt Ion: 112 Resp: 927
Ion Ratio Lower Upper
112 100
64 64.8 47.3 70.9
63 37.4 23.4 35.0#



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion: 99 Resp: 2046
Ion Ratio Lower Upper
99 100
42 26.8 14.0 21.0#
71 41.3 23.8 35.6#

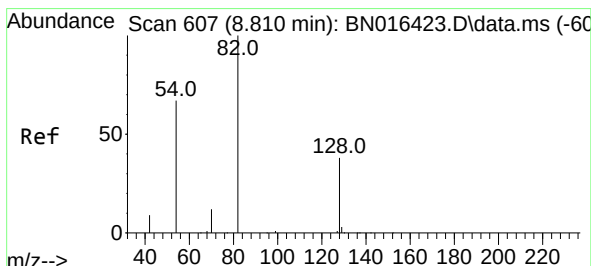
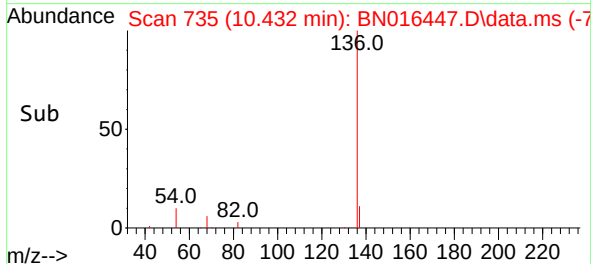
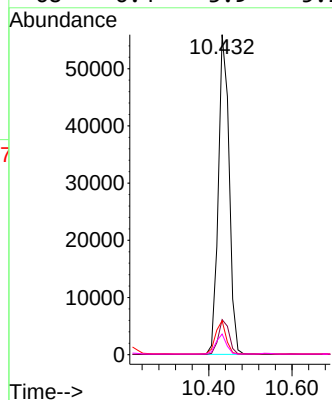
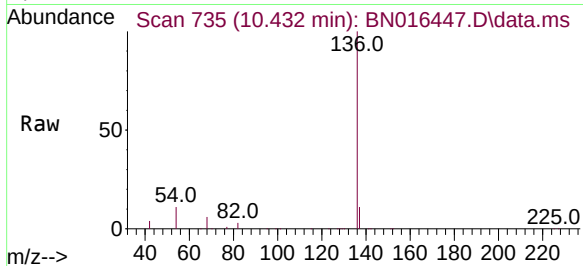




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

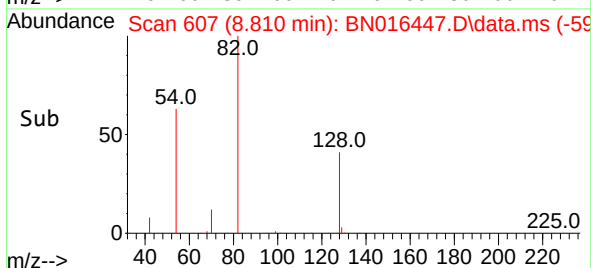
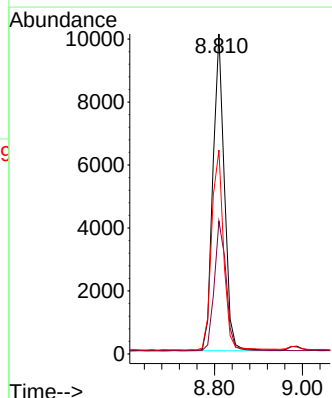
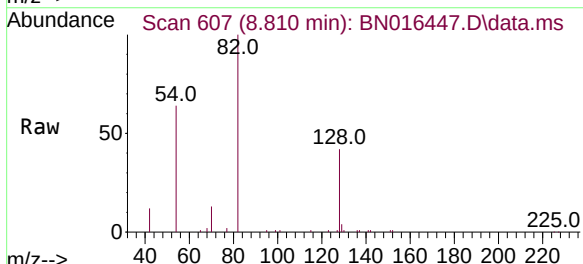
Instrument :
BNA_N
ClientSampleId :
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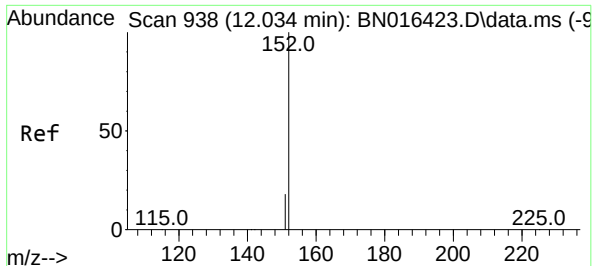
Tgt Ion:	136	Resp:	100700
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	10.6	5.3	7.9#
68	6.4	3.9	5.9#



#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:	82	Resp:	18121
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.7	47.5
54	63.7	46.4	69.6

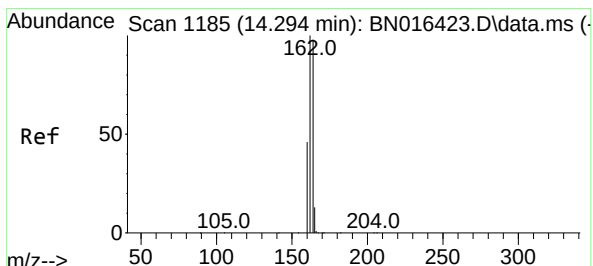
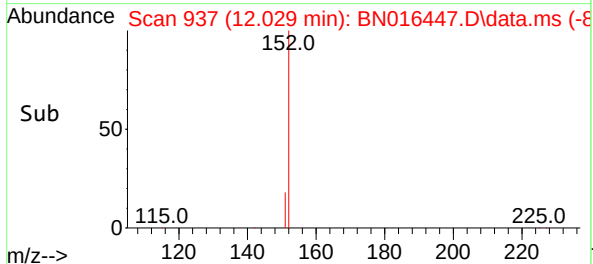
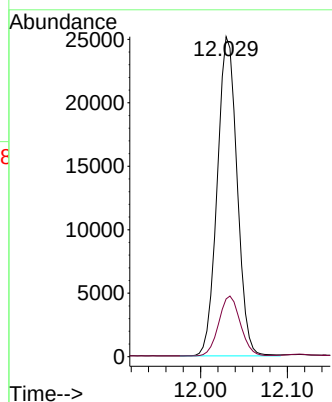
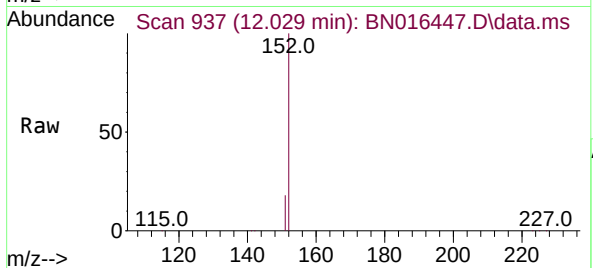




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

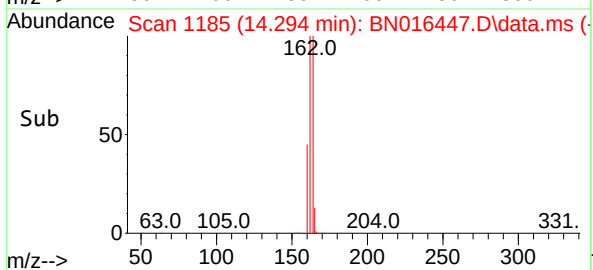
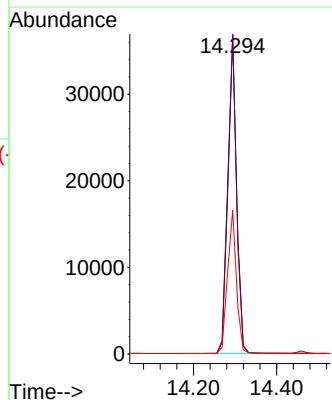
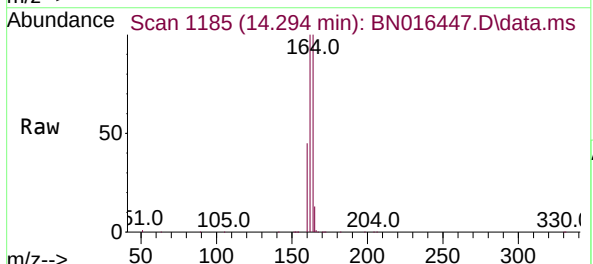
Instrument :
BNA_N
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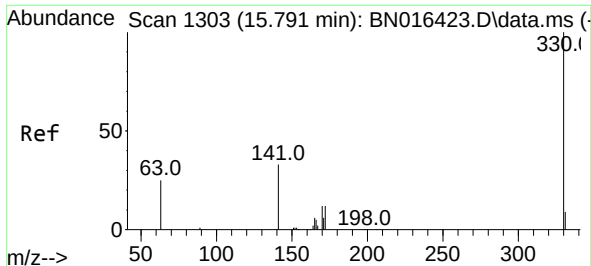
Tgt Ion:152 Resp: 39916
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:164 Resp: 53129
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.4
160 45.1 34.1 51.1

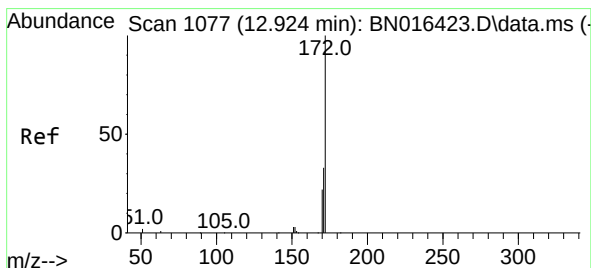
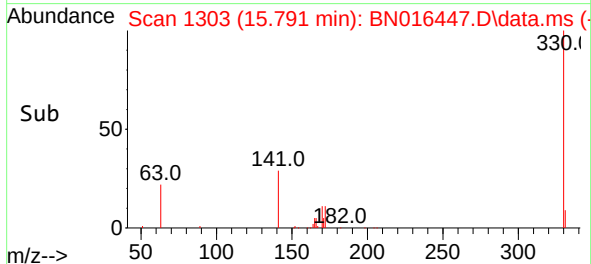
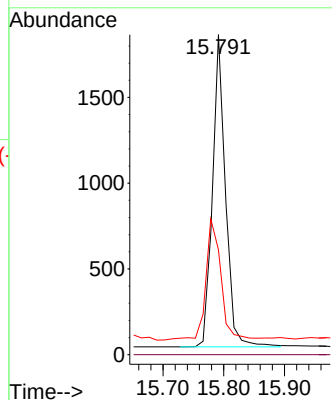
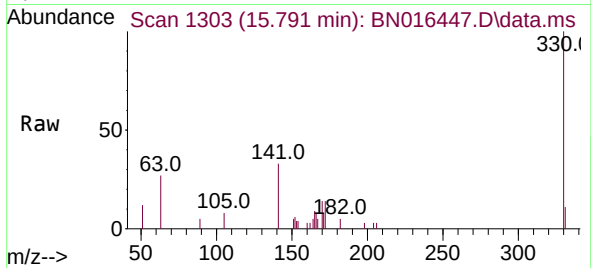




#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

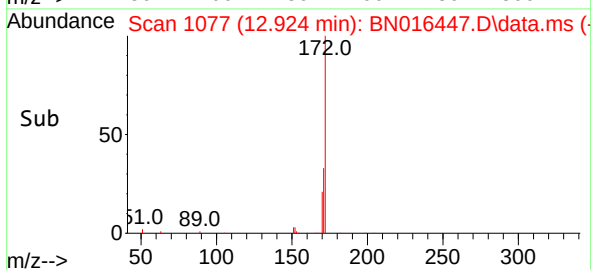
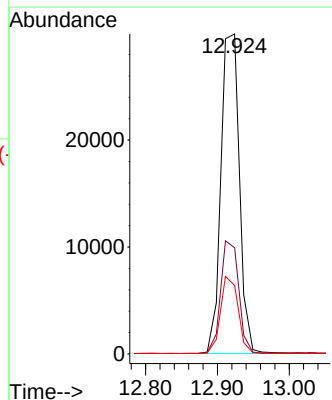
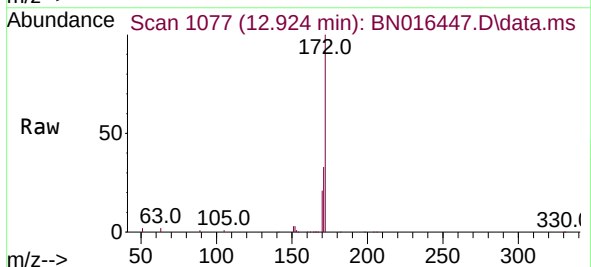
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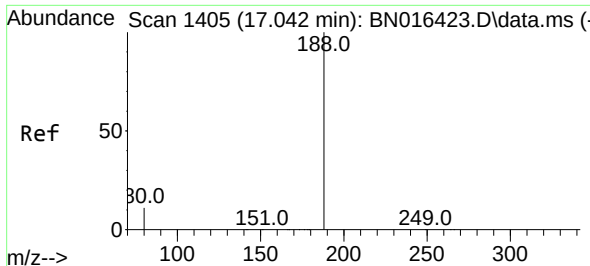
Tgt Ion: 330 Resp: 2709
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion: 172 Resp: 53503
Ion Ratio Lower Upper
172 100
171 33.2 27.8 41.6
170 21.4 18.2 27.2

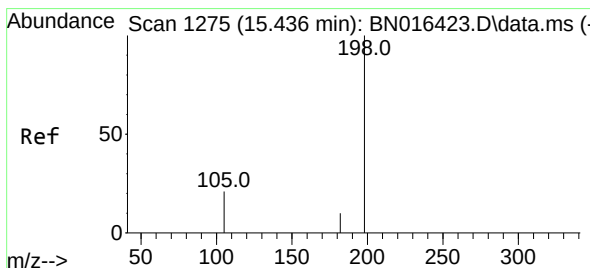
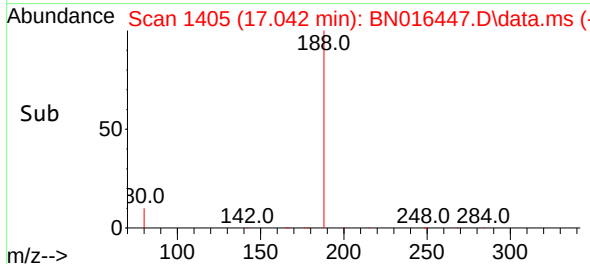
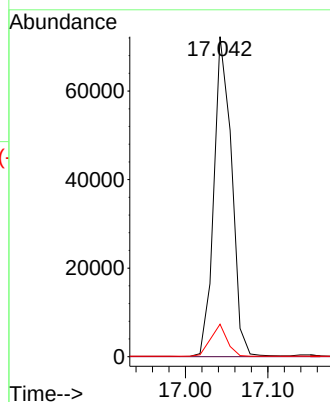
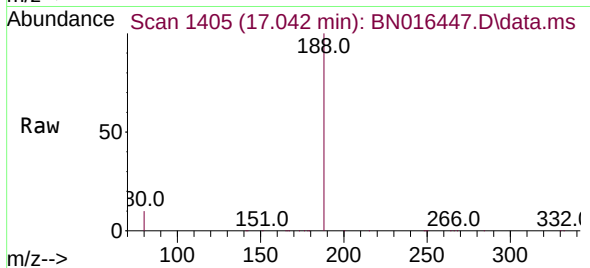




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

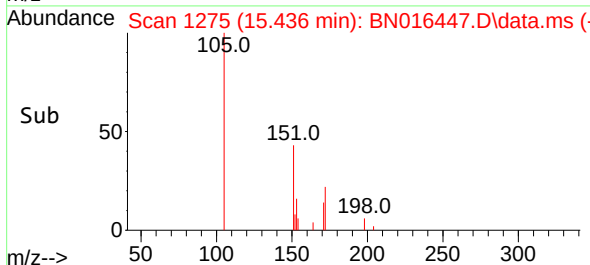
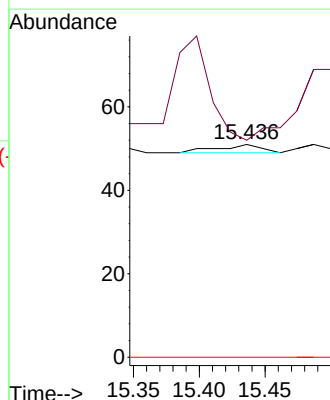
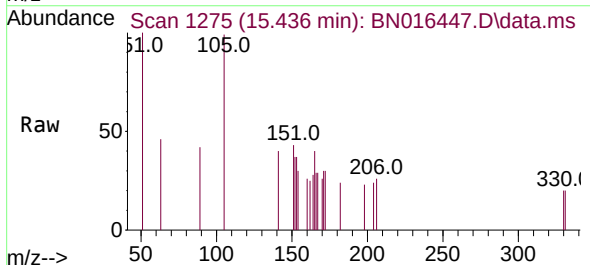
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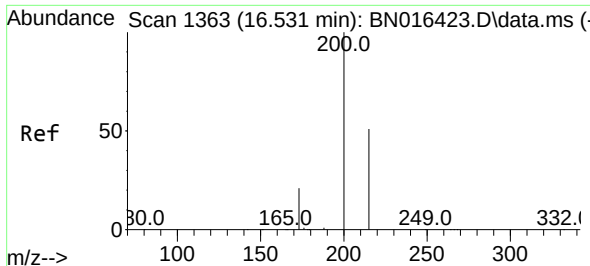
Tgt Ion:188 Resp: 107948
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 102.0 26.6 39.8#
77 0.0 0.0 0.0

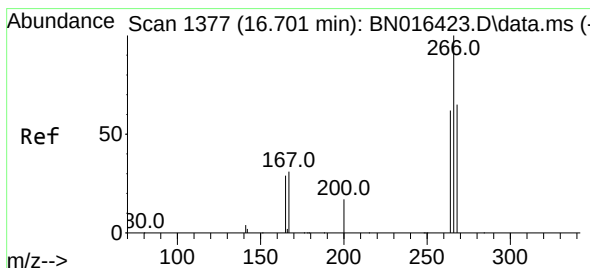
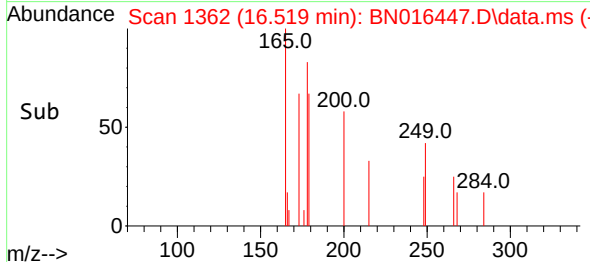
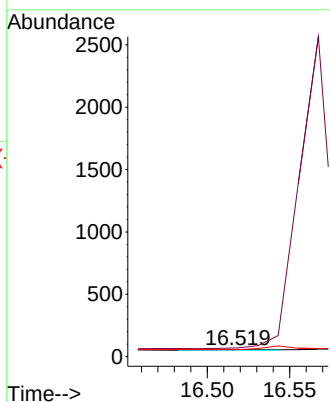
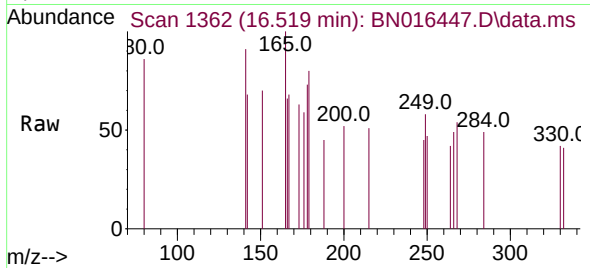




#23
Atrazine
Concen: 0.135 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

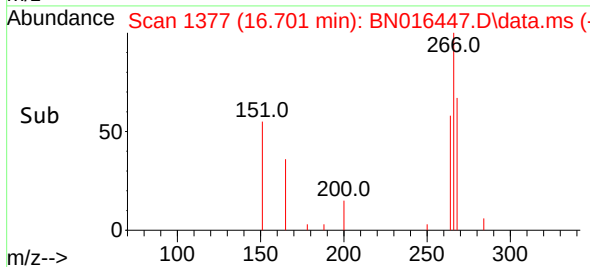
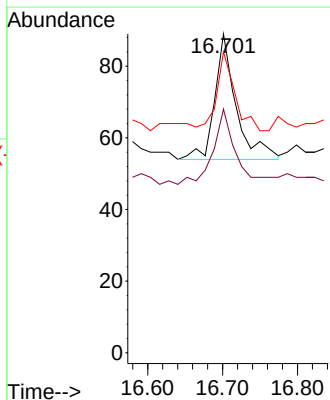
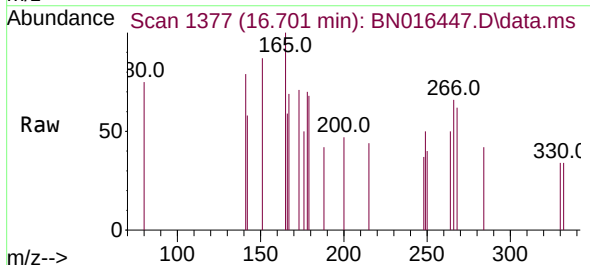
Instrument :
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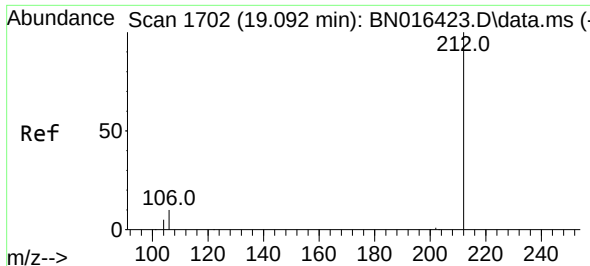
Tgt Ion:	200	Resp:	16
Ion	Ratio	Lower	Upper
200	100		
173	120.7	18.7	28.1#
215	98.3	41.6	62.4#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:	266	Resp:	69
Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.6	75.8
268	53.6	52.6	79.0

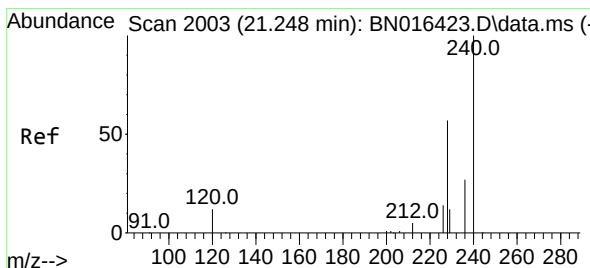
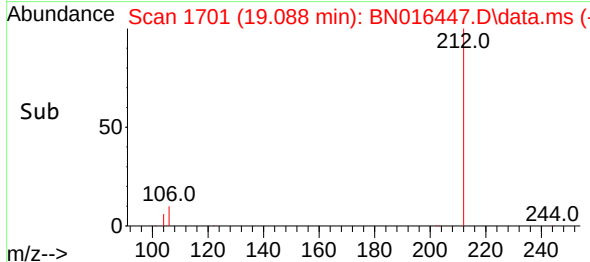
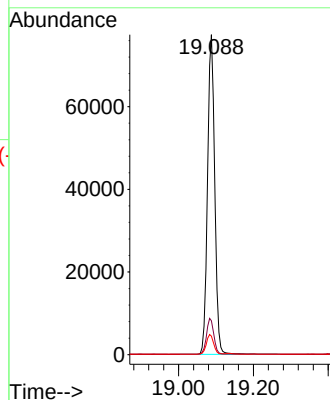
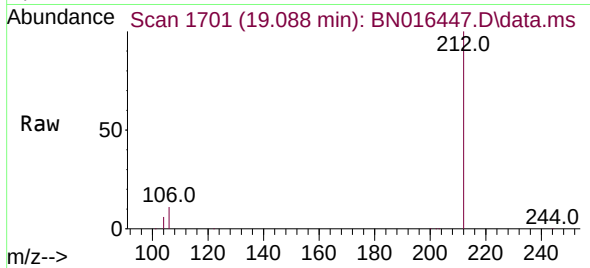




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

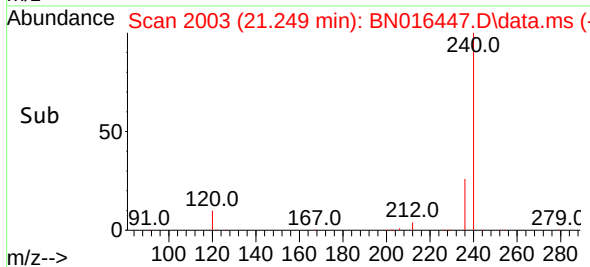
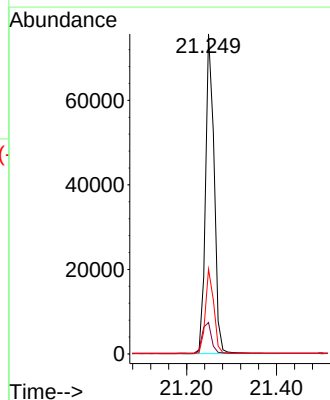
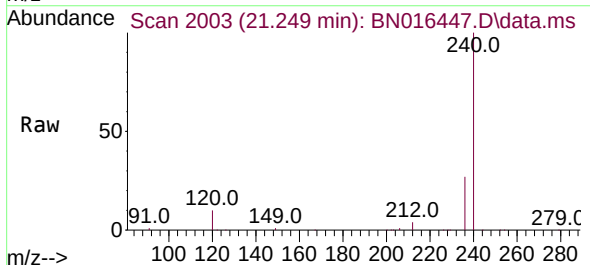
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210914

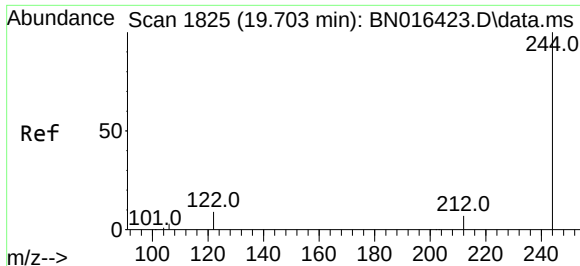
Tgt Ion:212 Resp: 103177
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016447.D
Acq: 24 Sep 2021 21:01

Tgt Ion:240 Resp: 100116
Ion Ratio Lower Upper
240 100
120 9.9 5.3 7.9#
236 26.5 19.8 29.8

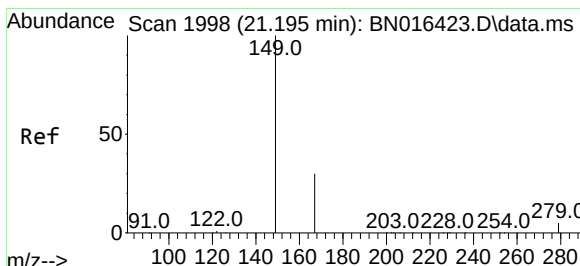
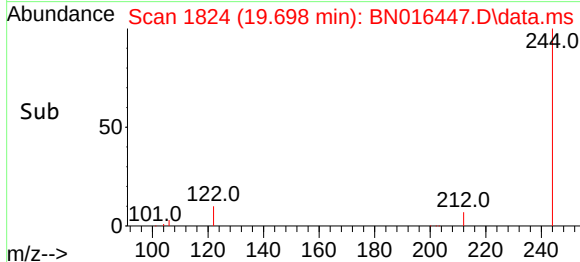
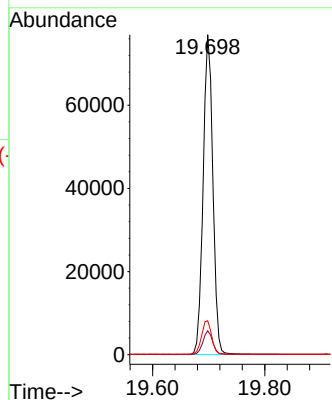
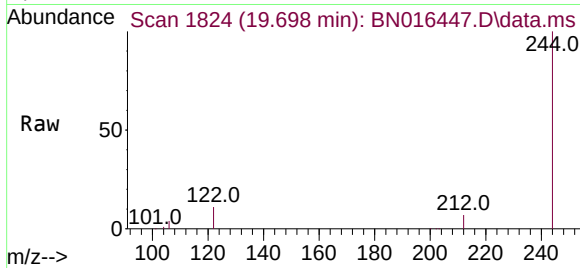




#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

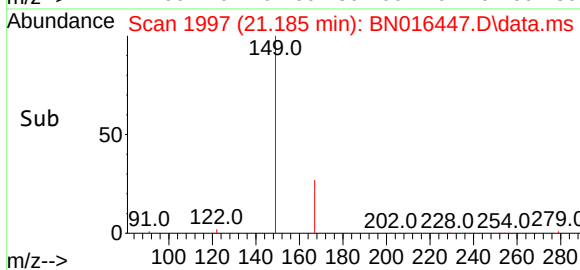
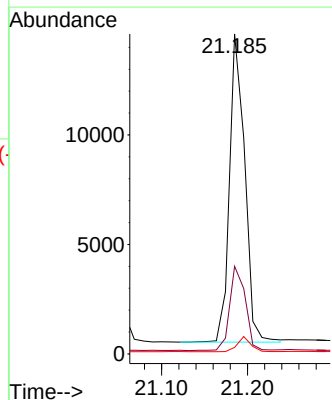
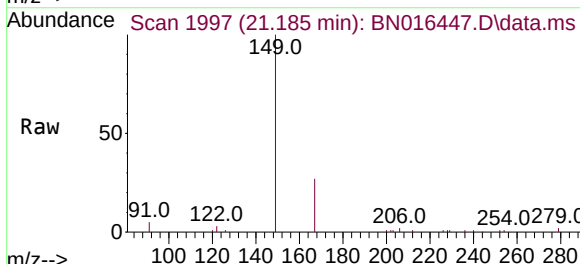
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

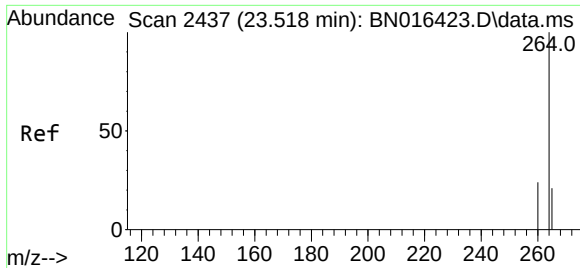
Tgt Ion:244	Resp:	92561
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.5 8.3
122	10.6	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.219 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

Tgt Ion:149	Resp:	17342
Ion Ratio	Lower	Upper
149	100	
167	28.0	23.4 35.0
279	4.4	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BN016447.D
 Acq: 24 Sep 2021 21:01

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210914

Tgt Ion:264	Resp:	88841
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.9 28.3
265	24.2	23.7 35.5

