

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016457.D
 Acq On : 25 Sep 2021 04:13
 Operator : CG/JU
 Sample : M3782-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 25 05:07:27 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)

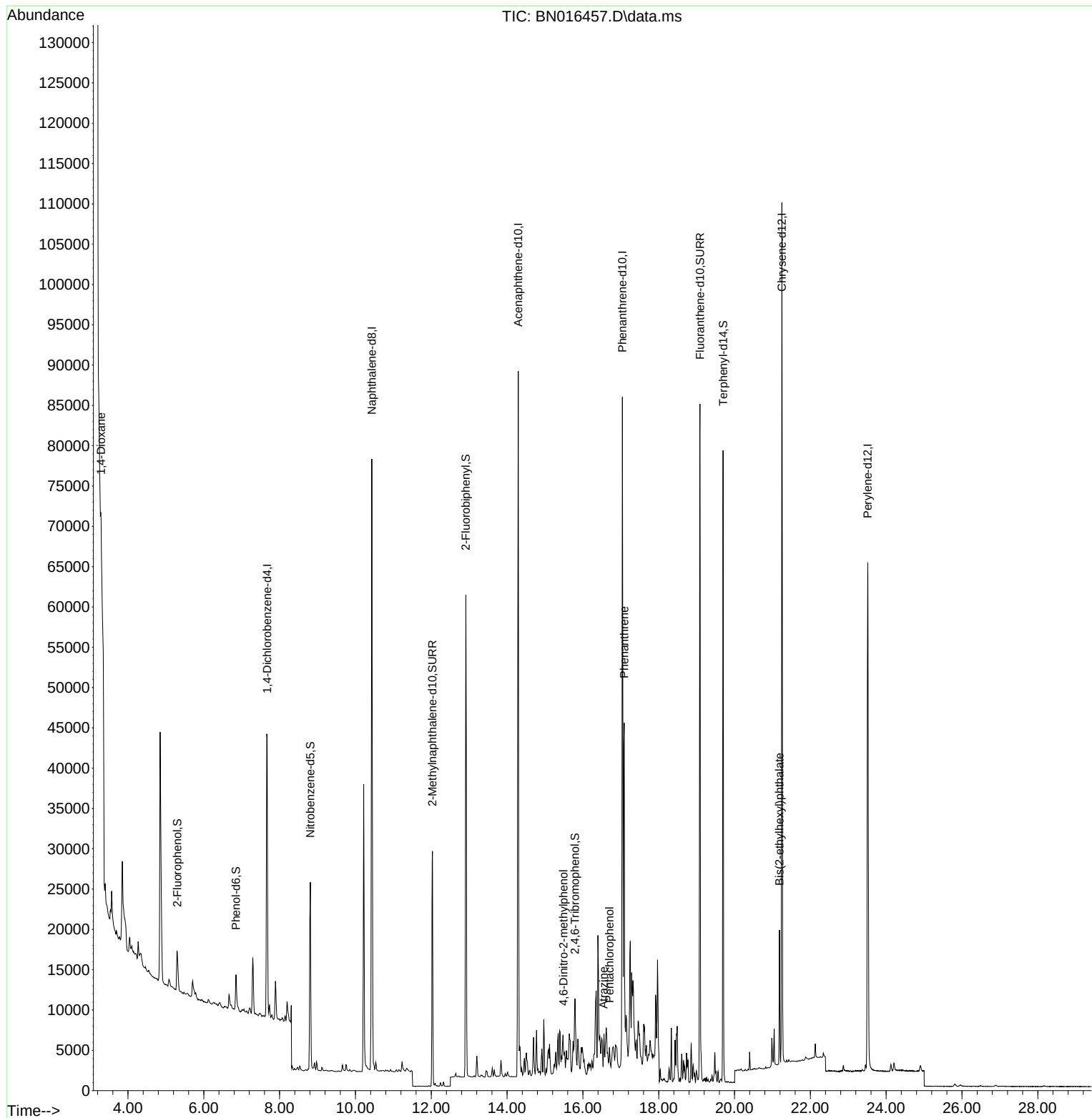
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21642	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	96482	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50582	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	106320	0.400	ng	0.00
29) Chrysene-d12	21.249	240	96384	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	84516	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	6221	0.128	ng	0.02
5) Phenol-d6	6.850	99	4089	0.071	ng	0.00
8) Nitrobenzene-d5	8.810	82	18973	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	39375	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3719	0.322	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	52160	0.246	ng	-0.01
27) Fluoranthene-d10	19.088	212	95060	0.326	ng	0.00
31) Terphenyl-d14	19.698	244	76687	0.342	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	3390	0.366	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.487	198	31	0.150	ng	# 1
23) Atrazine	16.543	200	83	0.136	ng	# 1
24) Pentachlorophenol	16.701	266	46	0.246	ng	# 77
25) Phenanthrene	17.091	178	50406	0.159	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.185	149	14362	0.188	ng	97

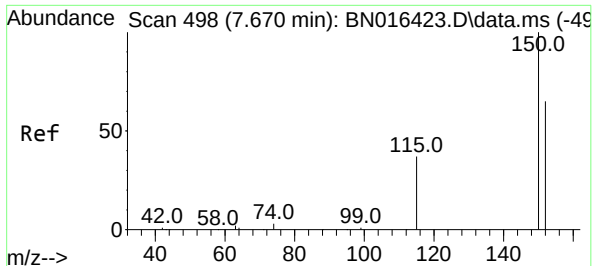
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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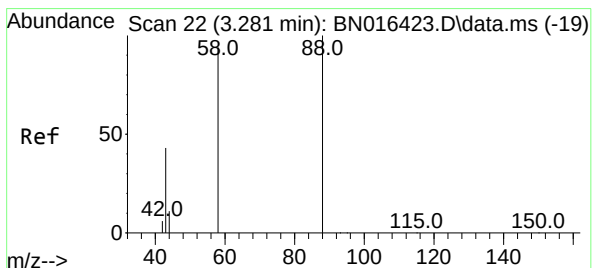
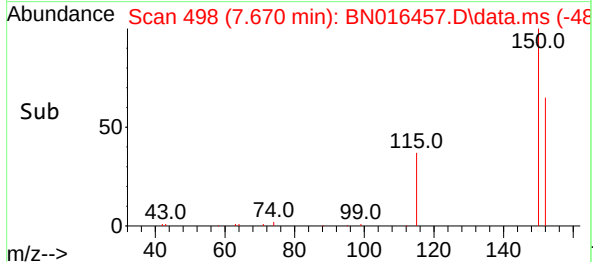
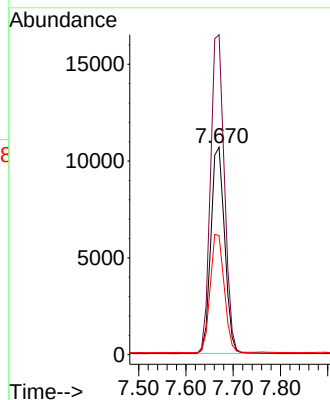
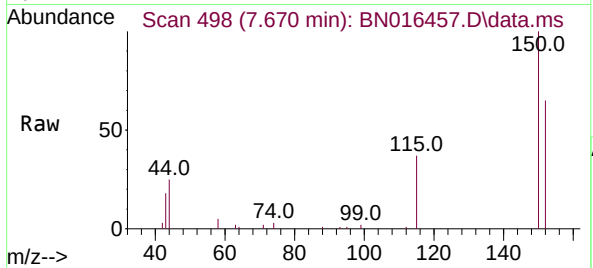




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016457.D
 Acq: 25 Sep 2021 04:13

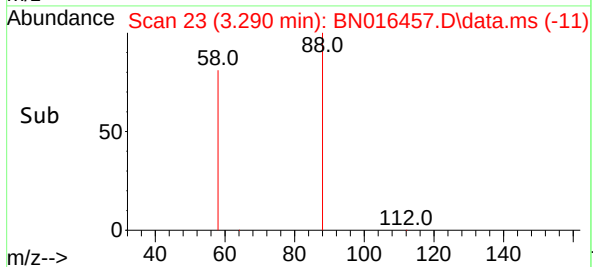
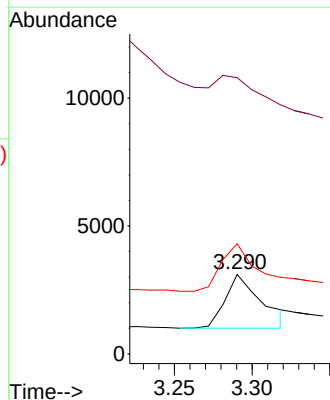
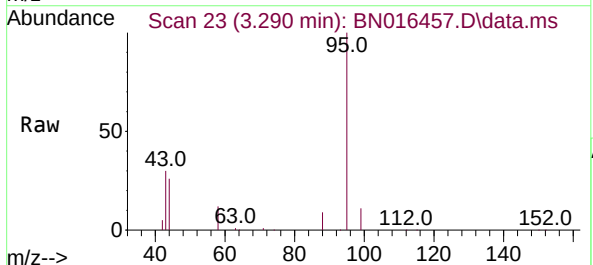
Instrument :
 BNA_N
 ClientSampled :

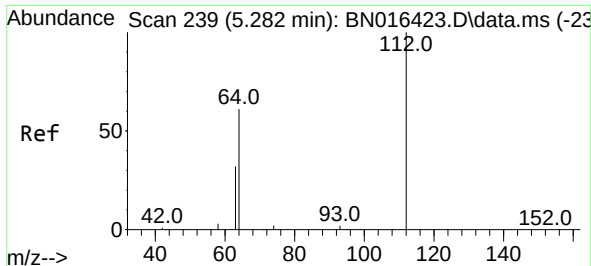
Tgt Ion:152 Resp: 21642
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.6 188.4
 115 57.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.366 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016457.D
 Acq: 25 Sep 2021 04:13

Tgt Ion: 88 Resp: 3390
 Ion Ratio Lower Upper
 88 100
 43 50.4 20.3 30.5#
 58 89.6 69.9 104.9

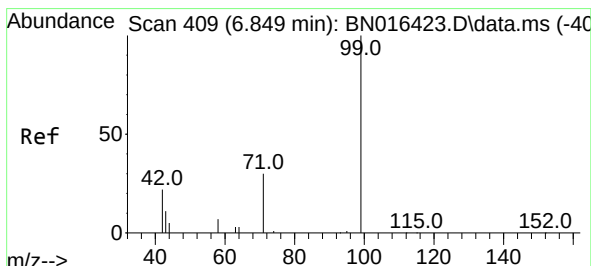
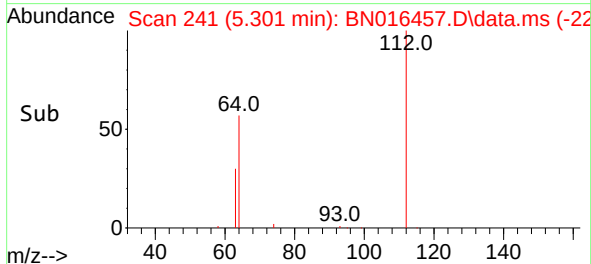
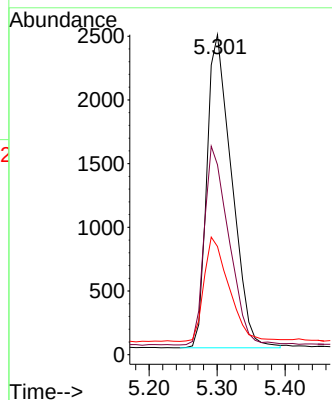
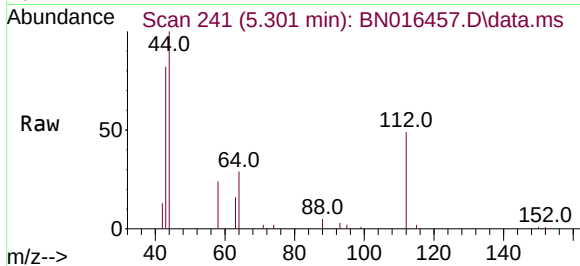




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.301 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

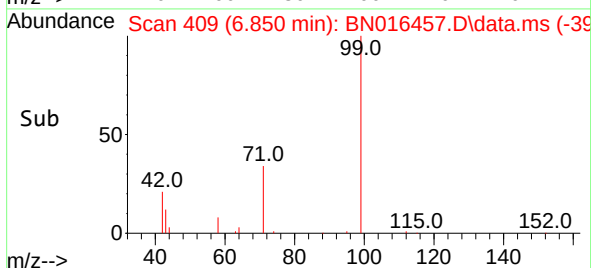
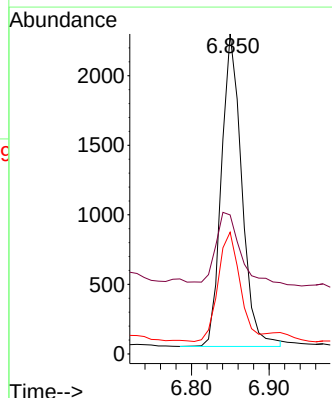
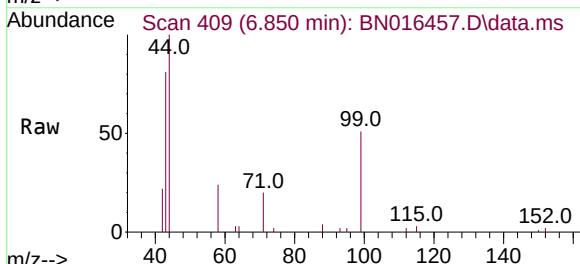
Instrument :
BNA_N
ClientSampleId :

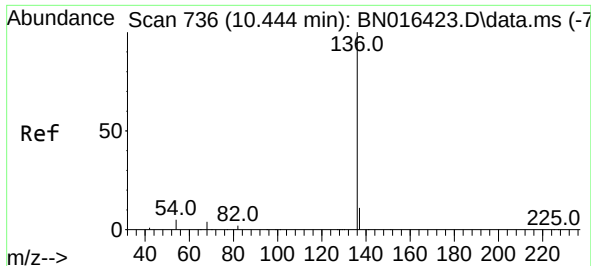
Tgt Ion:112 Resp: 6221
Ion Ratio Lower Upper
112 100
64 62.9 47.3 70.9
63 33.5 23.4 35.0



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion: 99 Resp: 4089
Ion Ratio Lower Upper
99 100
42 25.1 14.0 21.0#
71 38.5 23.8 35.6#

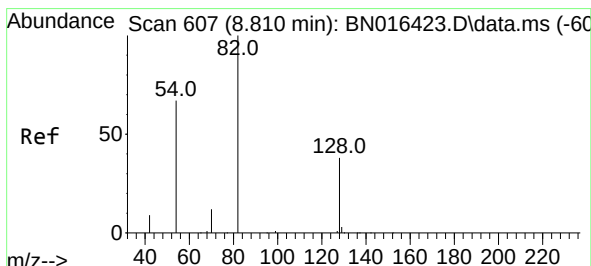
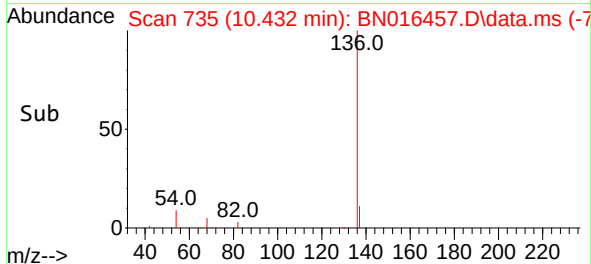
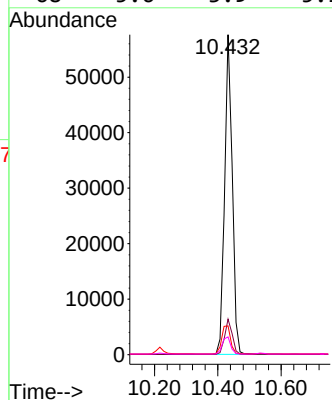
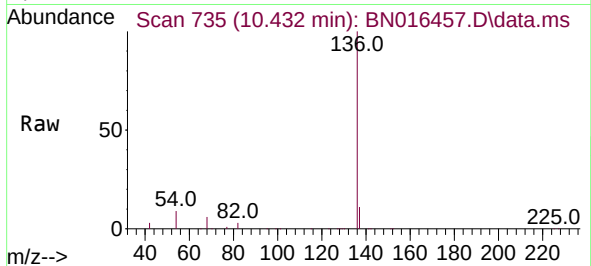




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

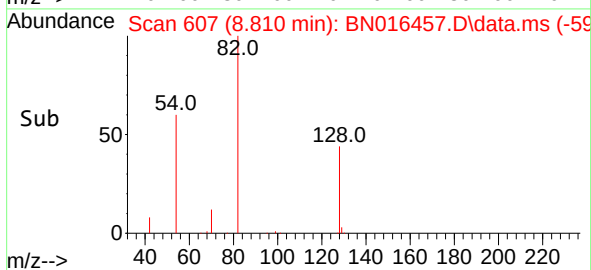
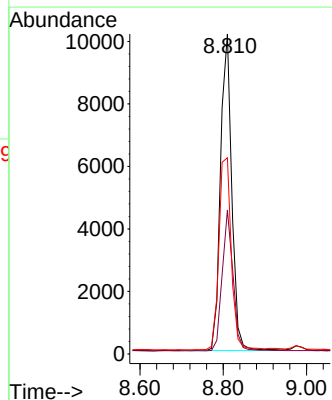
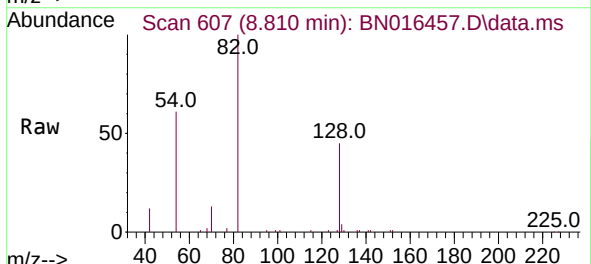
Instrument :
BNA_N
ClientSampleId :

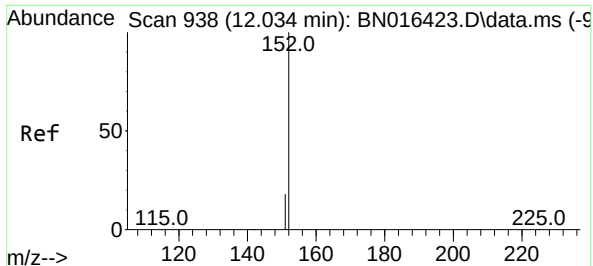
Tgt Ion:	136	Resp:	96482
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	9.0	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:	82	Resp:	18973
Ion Ratio	Lower	Upper	
82	100		
128	45.0	31.7	47.5
54	61.3	46.4	69.6

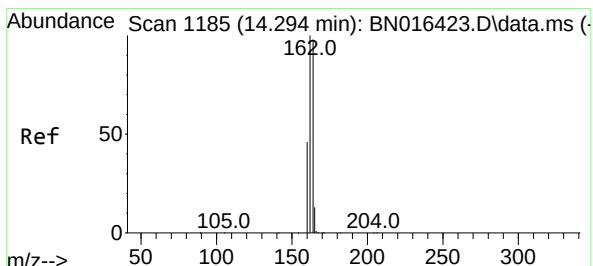
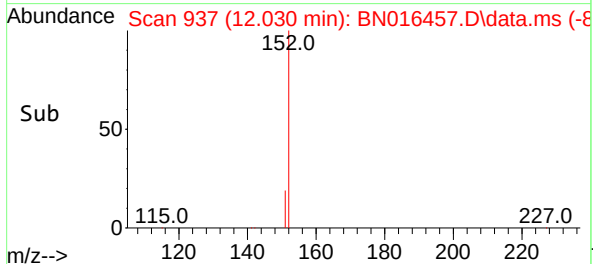
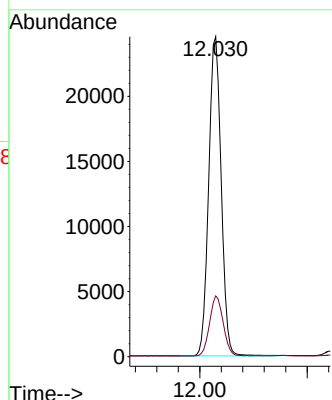
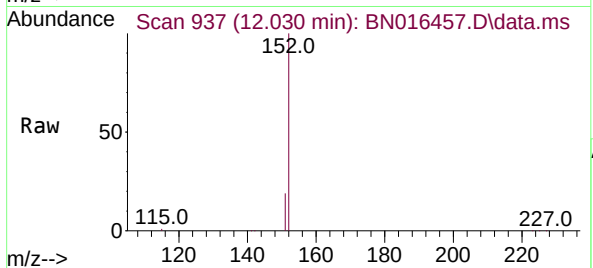




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

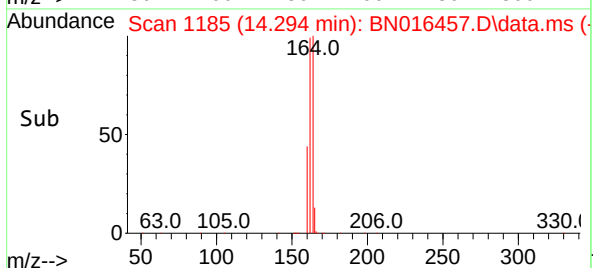
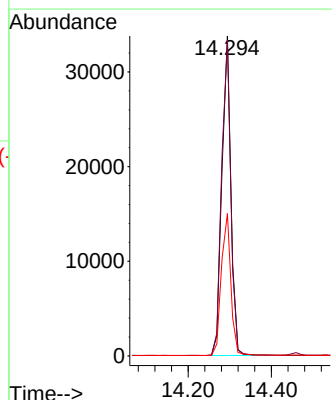
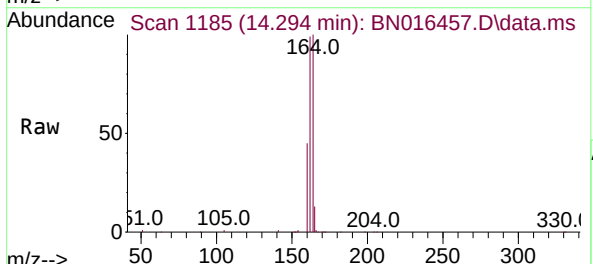
Instrument :
BNA_N
ClientSampleId :

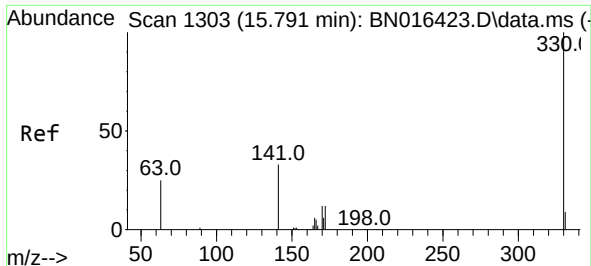
Tgt Ion:152 Resp: 39375
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:164 Resp: 50582
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.4
160 44.5 34.1 51.1

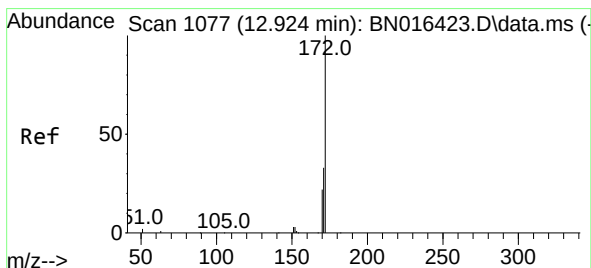
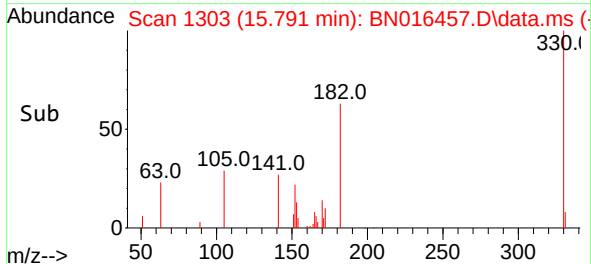
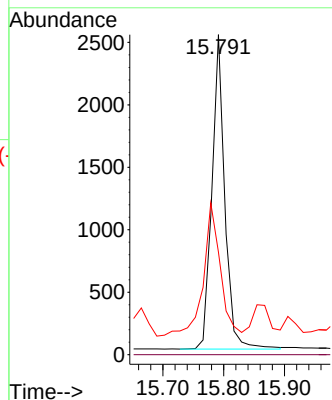
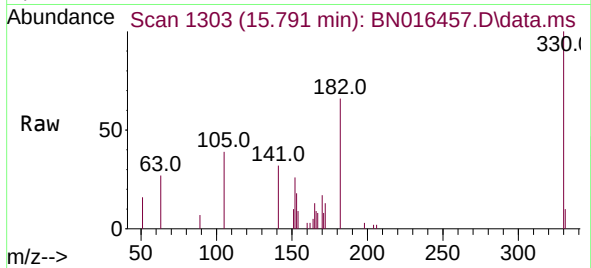




#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

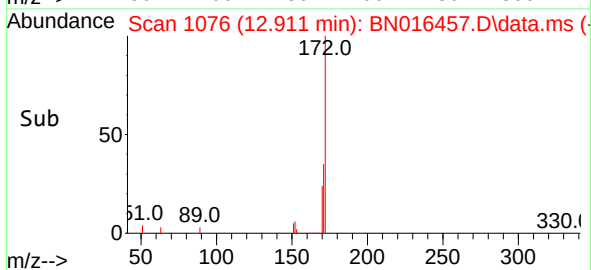
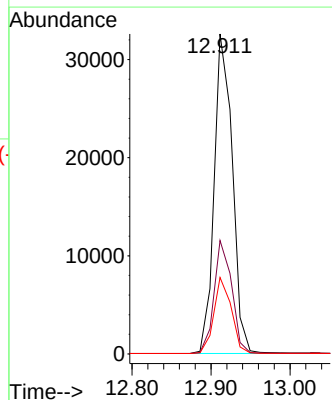
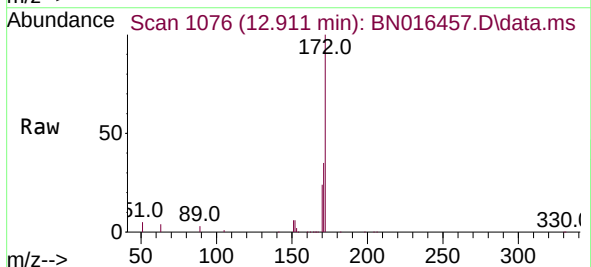
Instrument :
BNA_N
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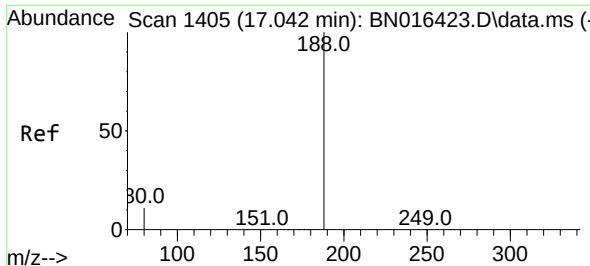
Tgt Ion: 330 Resp: 3719
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.8 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion: 172 Resp: 52160
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.9 18.2 27.2

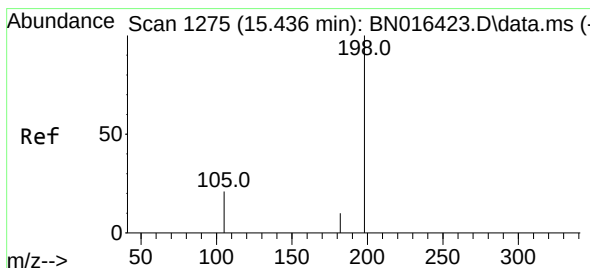
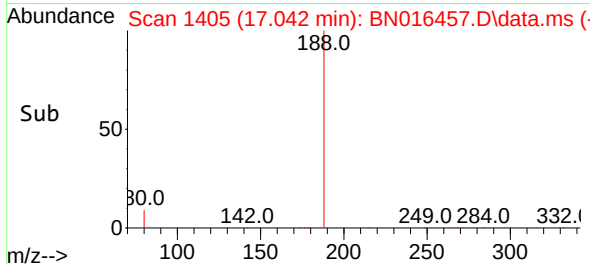
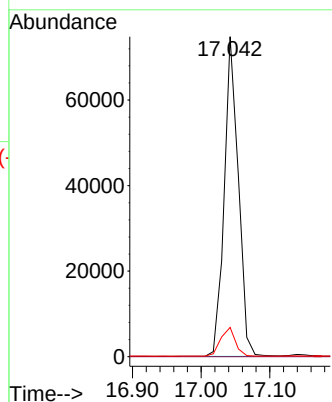
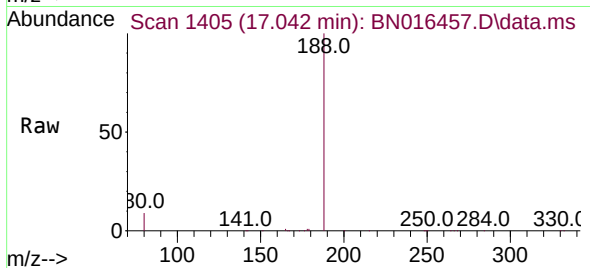




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

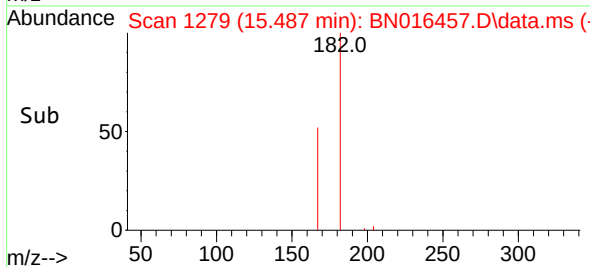
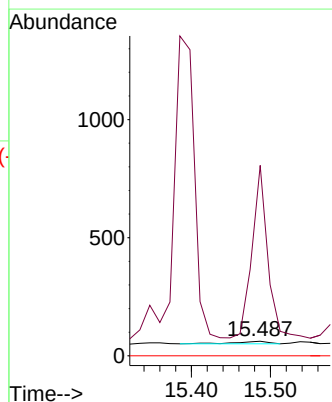
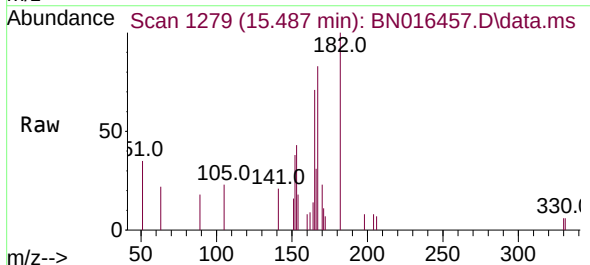
Instrument :
BNA_N
ClientSampleId :

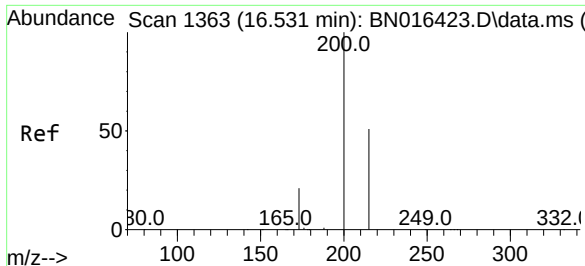
Tgt Ion:188 Resp: 106320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.051 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

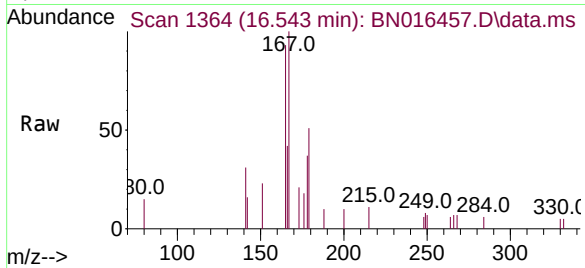
Tgt Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
182 1300.0 26.6 39.8#
77 0.0 0.0 0.0



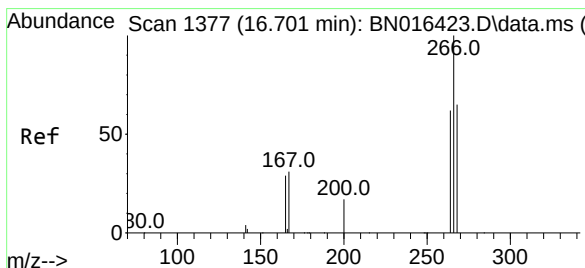
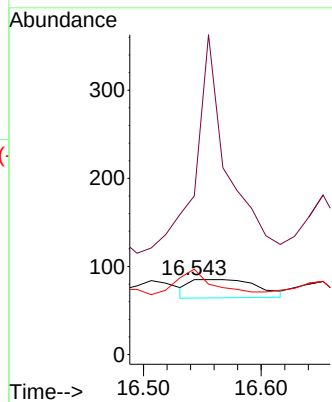
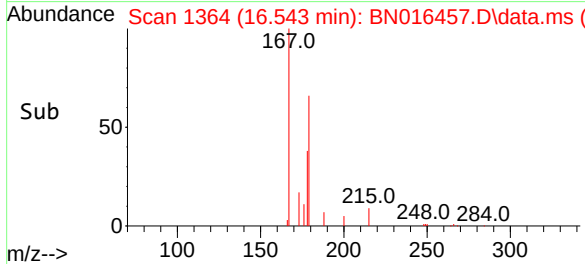


#23
Atrazine
Concen: 0.136 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

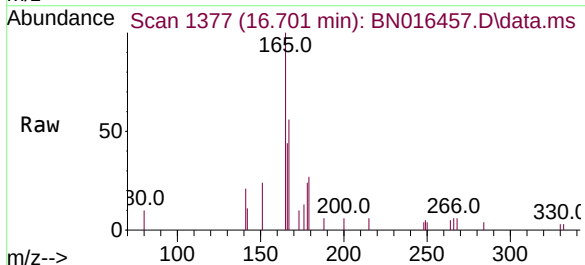
Instrument :
BNA_N
ClientSampleId :



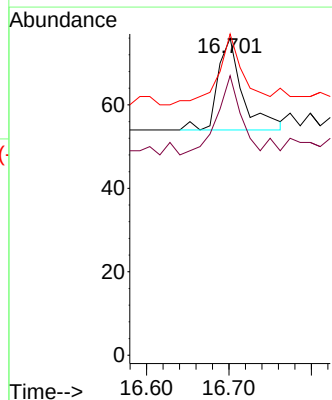
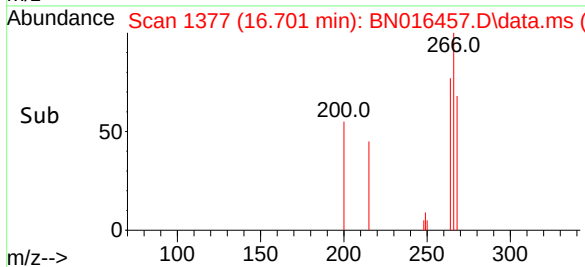
Tgt Ion:200 Resp: 83
Ion Ratio Lower Upper
200 100
173 211.8 18.7 28.1#
215 114.1 41.6 62.4#

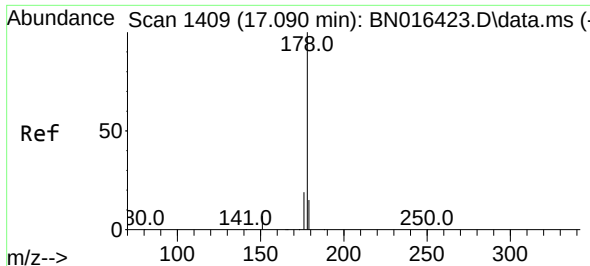


#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13



Tgt Ion:266 Resp: 46
Ion Ratio Lower Upper
266 100
264 84.8 50.6 75.8#
268 80.4 52.6 79.0#

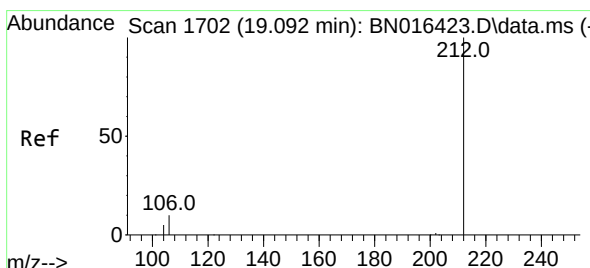
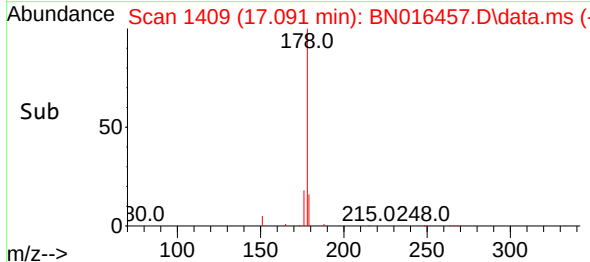
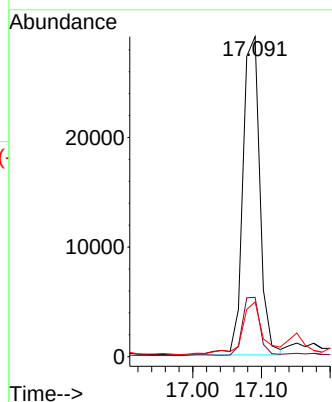
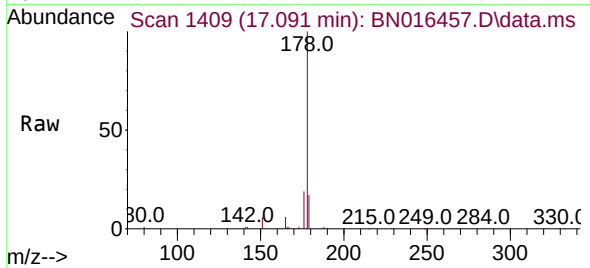




#25
Phenanthrene
Concen: 0.159 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

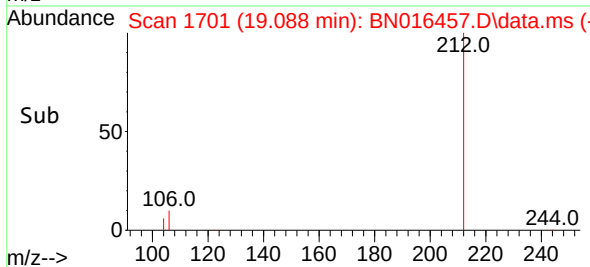
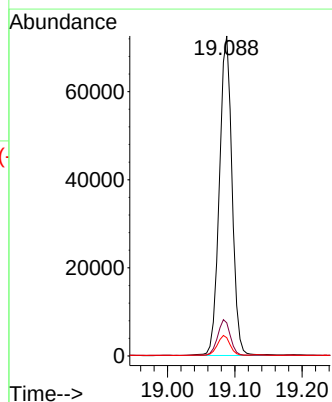
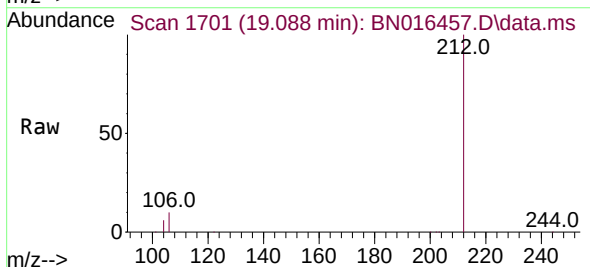
Instrument :
BNA_N
ClientSampleId :

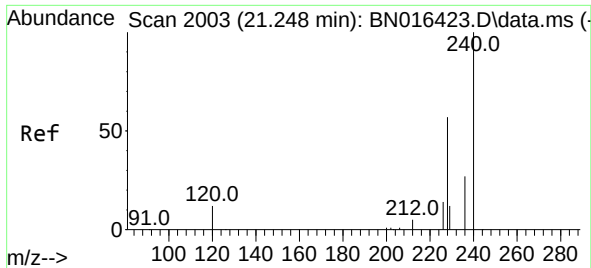
Tgt Ion:178 Resp: 50406
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 20.1 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:212 Resp: 95060
Ion Ratio Lower Upper
212 100
106 11.1 9.8 14.6
104 6.3 5.4 8.2

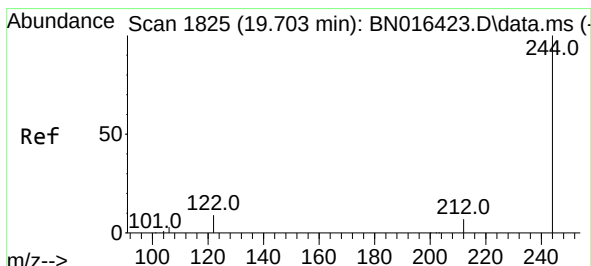
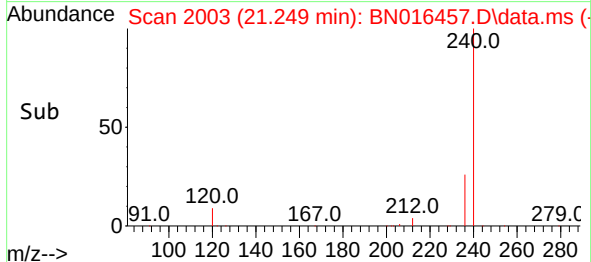
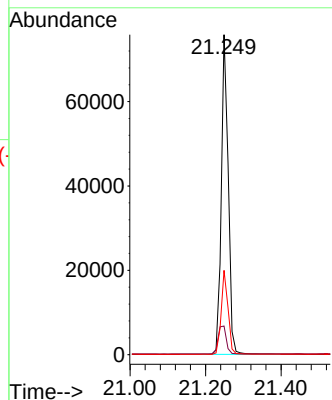
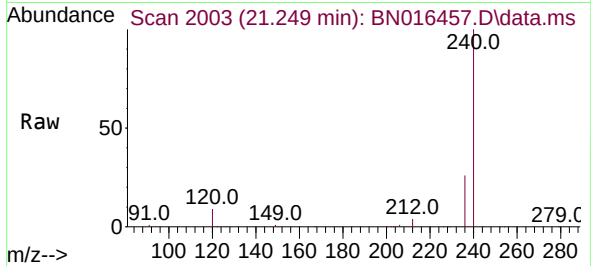




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

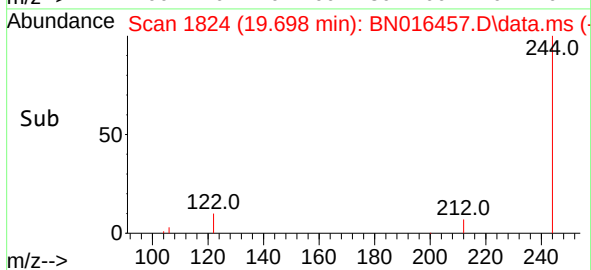
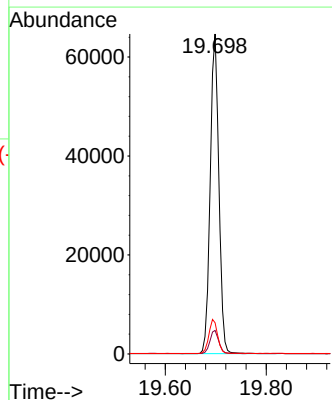
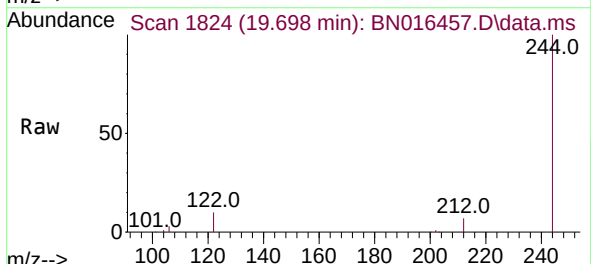
Instrument :
BNA_N
ClientSampleId :

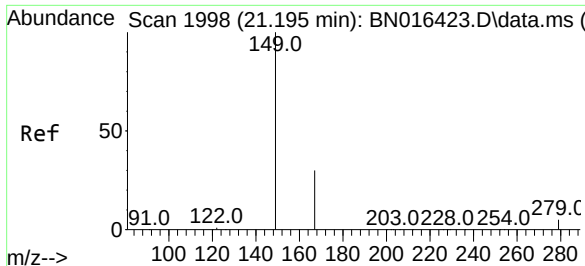
Tgt Ion:240 Resp: 96384
Ion Ratio Lower Upper
240 100
120 9.0 5.3 7.9#
236 26.3 19.8 29.8



#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:244 Resp: 76687
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.7 9.0 13.4

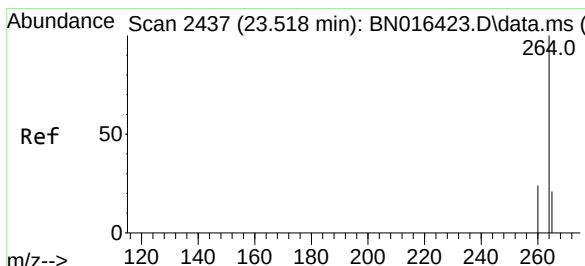
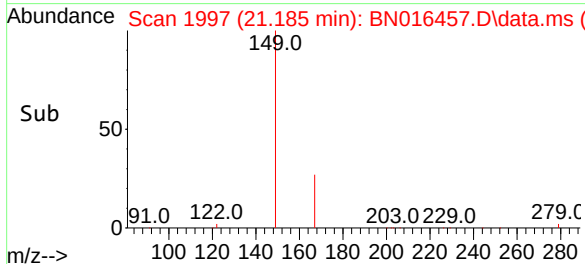
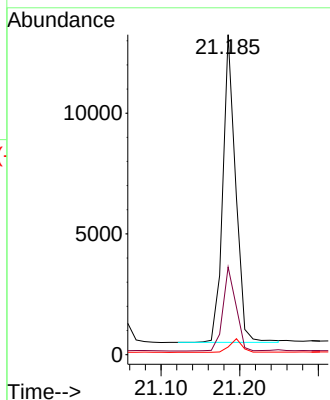
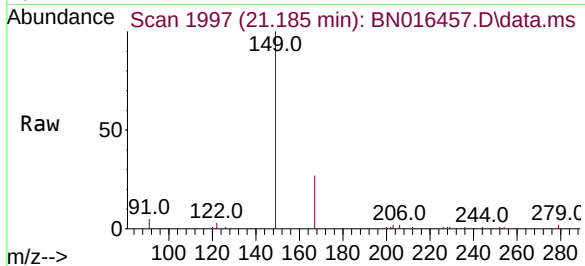




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.188 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016457.D
 Acq: 25 Sep 2021 04:13

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149	Resp:	14362
Ion Ratio	Lower	Upper
149	100	
167	27.6	23.4 35.0
279	4.3	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: BN016457.D
 Acq: 25 Sep 2021 04:13

Tgt Ion:264	Resp:	84516
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.9 28.3
265	24.0	23.7 35.5

