

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016284.D
 Acq On : 10 Sep 2021 08:45
 Operator : CG/JU
 Sample : M3561-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE2-1

Quant Time: Sep 10 09:13:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

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

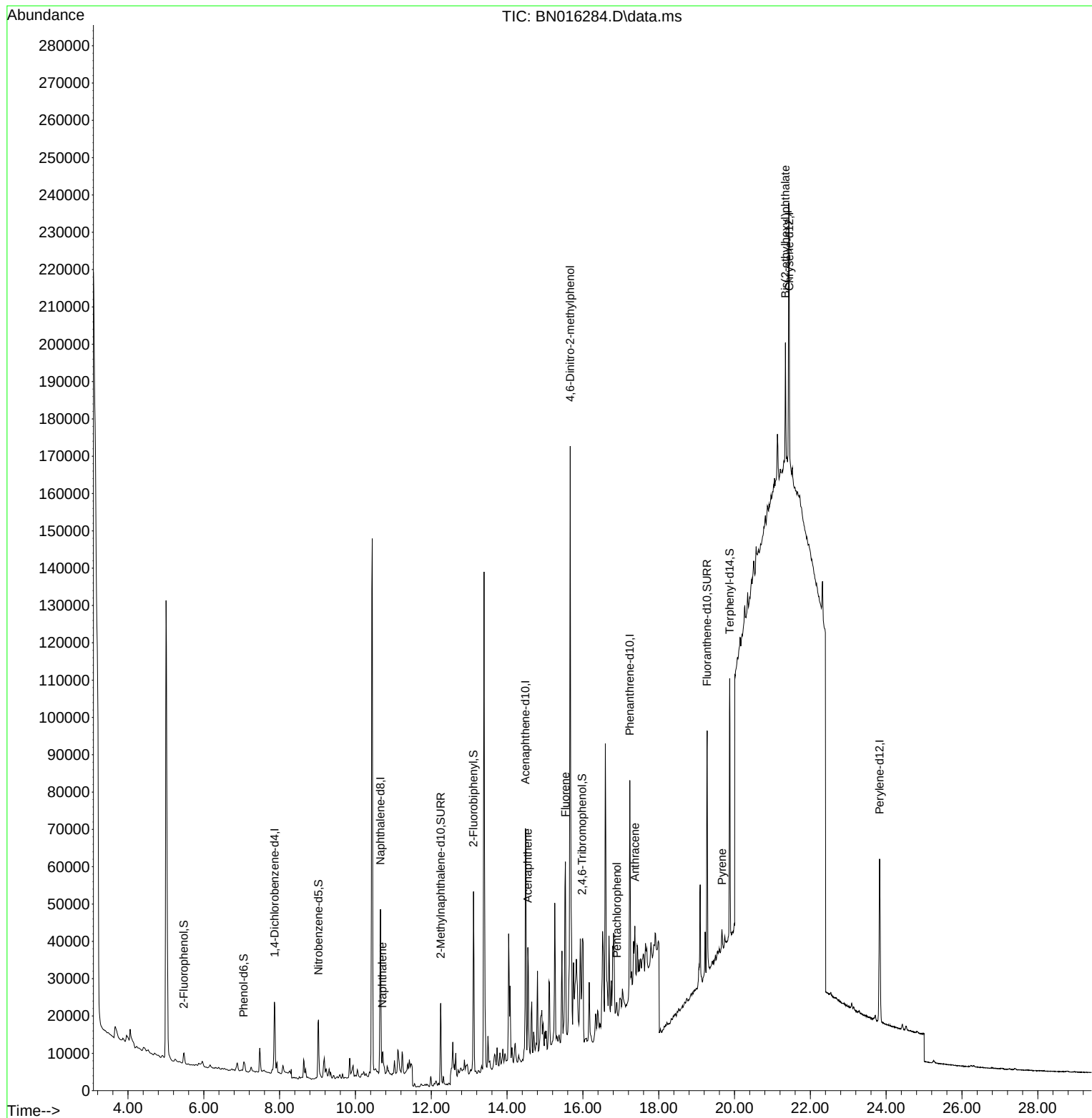
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	11819	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	61561	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	37262	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	76920	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	76604	0.400	ng	# 0.01
35) Perylene-d12	23.827	264	63513	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	3816	0.127	ng	0.02
5) Phenol-d6	7.052	99	2780	0.074	ng	0.02
8) Nitrobenzene-d5	9.025	82	14943	0.302	ng	0.01
11) 2-Methylnaphthalene-d10	12.247	152	30479	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	6223	0.407	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	44147	0.303	ng	0.00
27) Fluoranthene-d10	19.276	212	75486	0.334	ng	0.00
31) Terphenyl-d14	19.872	244	73919	0.385	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.711	128	4721	0.029	ng	# 62
17) Acenaphthene	14.548	154	15491	0.143	ng	99
18) Fluorene	15.538	166	17636	0.132	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.664	198	209	0.275	ng	# 1
24) Pentachlorophenol	16.896	266	140	0.131	ng	96
26) Anthracene	17.371	178	20743	0.101	ng	# 82
30) Pyrene	19.669	202	6263	0.024	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.344	149	29962	0.204	ng	# 99

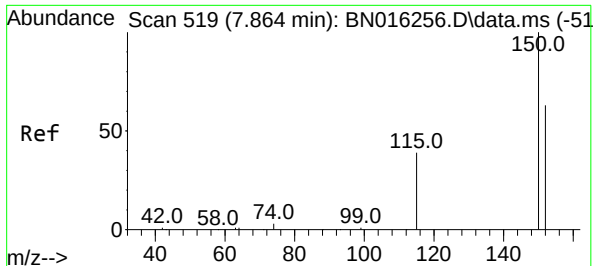
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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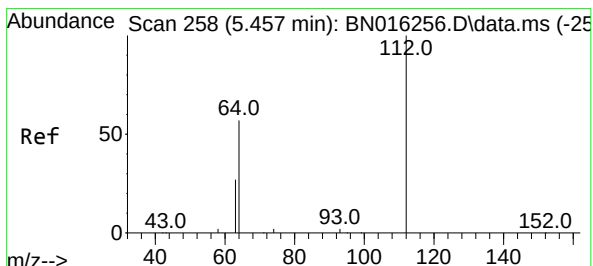
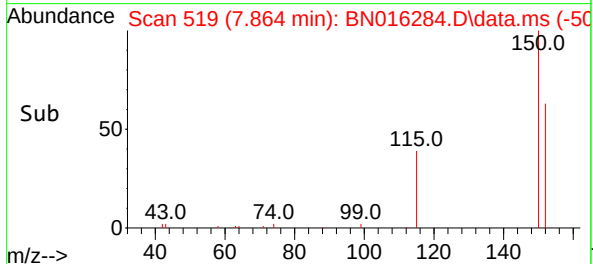
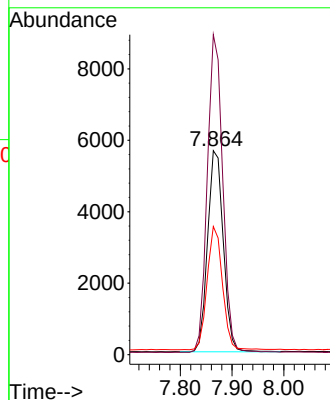
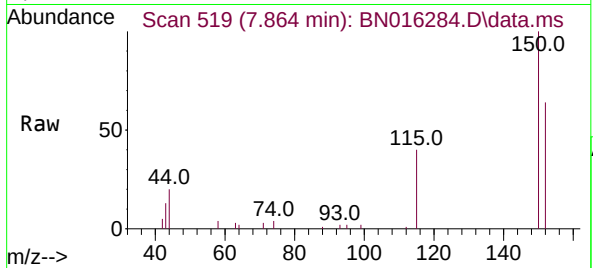




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

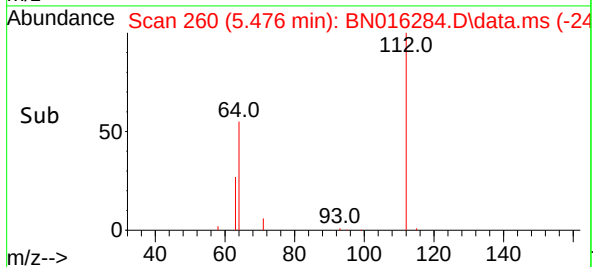
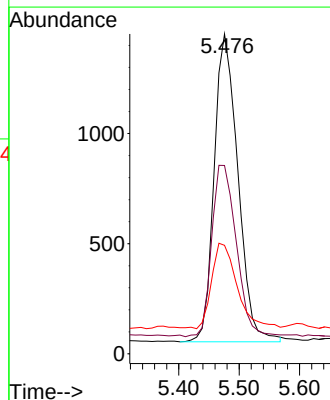
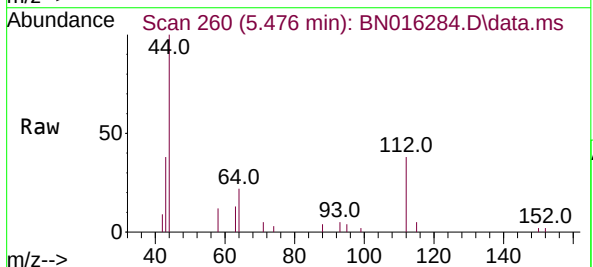
Instrument :
BNA_N
ClientSampled :
VE2-1

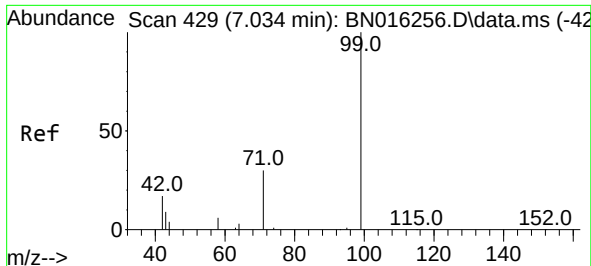
Tgt Ion:152 Resp: 11819
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 62.8 50.2 75.2



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.018 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:112 Resp: 3816
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 28.7 23.4 35.0

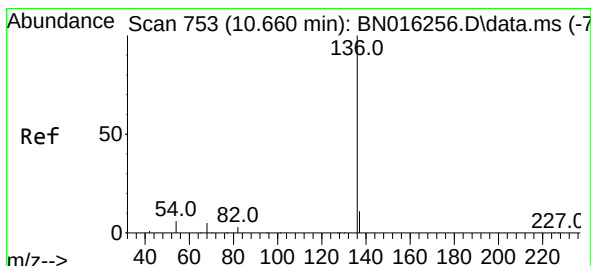
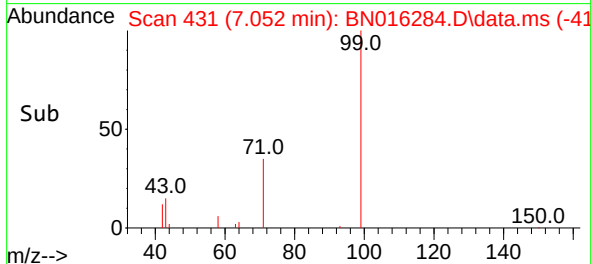
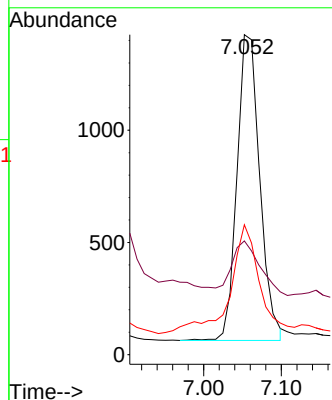
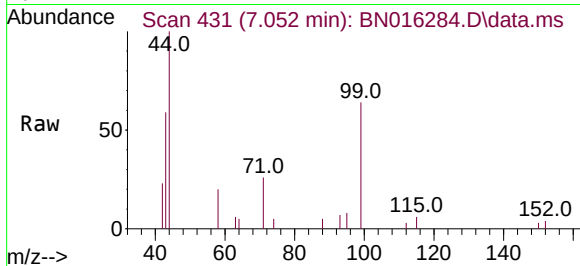




#5
Phenol-d6
Concen: 0.074 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.018 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

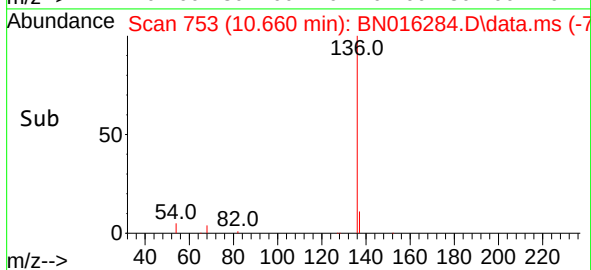
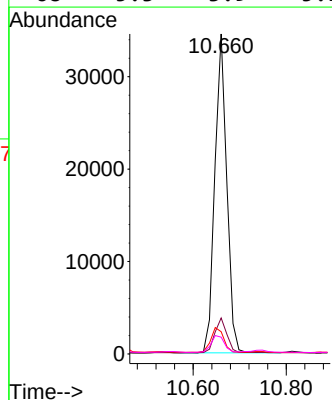
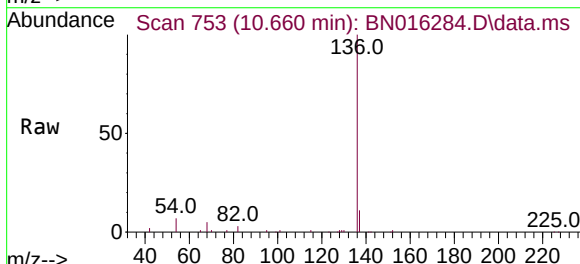
Instrument :
BNA_N
ClientSampled :
VE2-1

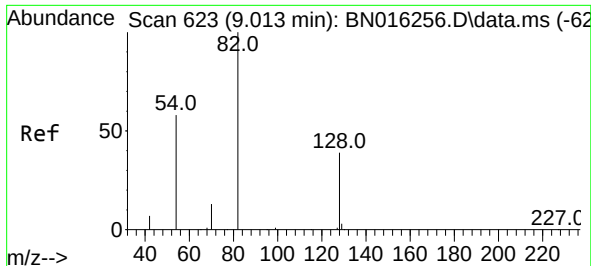
Tgt Ion: 99 Resp: 2780
Ion Ratio Lower Upper
99 100
42 19.2 14.0 21.0
71 43.3 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion: 136 Resp: 61561
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.9 5.3 7.9
68 5.3 3.9 5.9

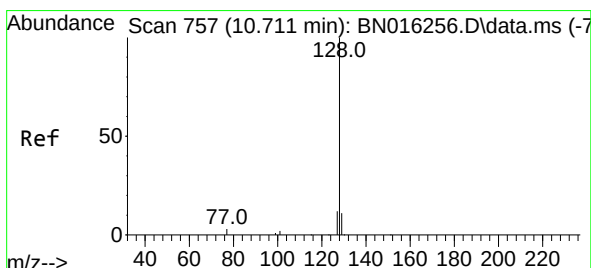
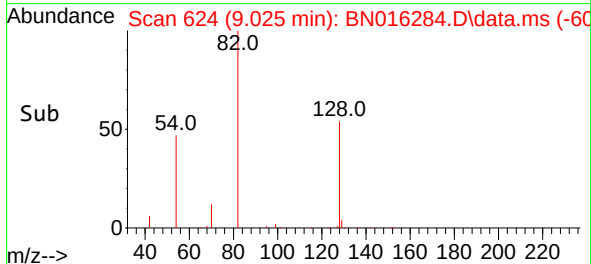
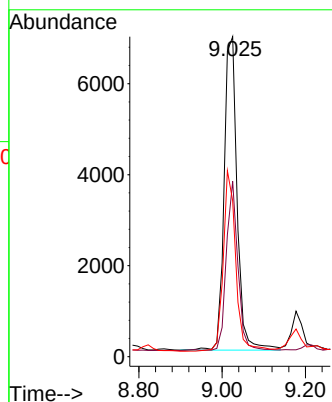
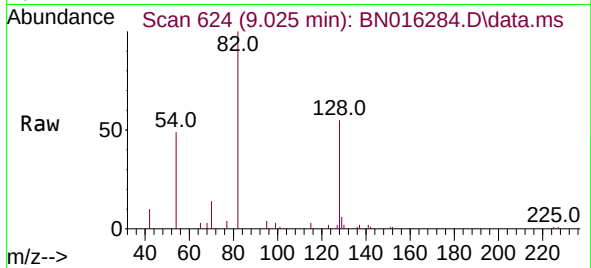




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.013 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

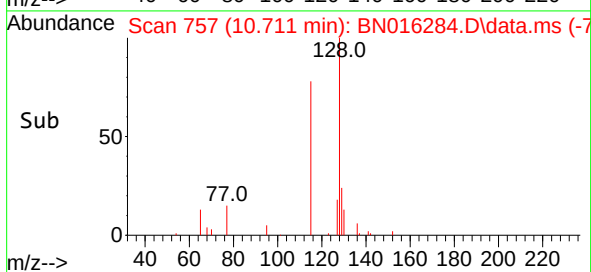
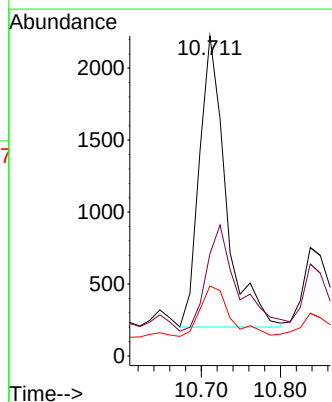
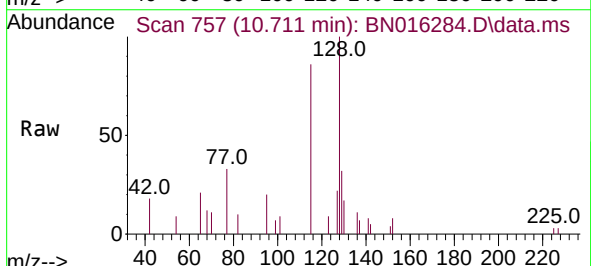
Instrument :
BNA_N
ClientSampled :
VE2-1

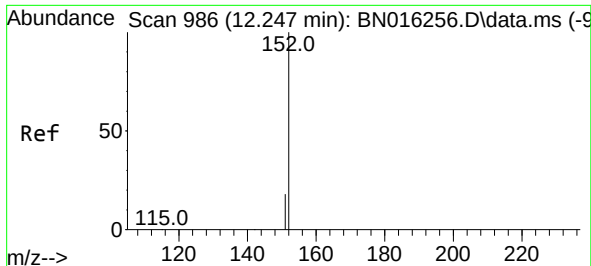
Tgt Ion: 82 Resp: 14943
Ion Ratio Lower Upper
82 100
128 54.8 31.7 47.5#
54 48.7 46.4 69.6



#9
Naphthalene
Concen: 0.029 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion: 128 Resp: 4721
Ion Ratio Lower Upper
128 100
129 31.9 8.9 13.3#
127 21.9 10.1 15.1#

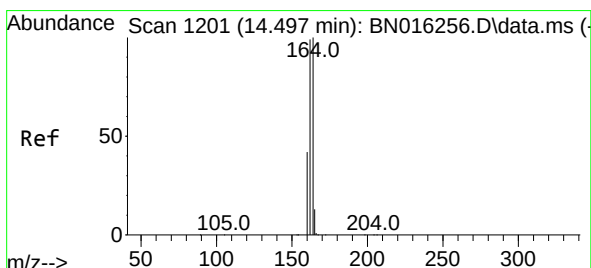
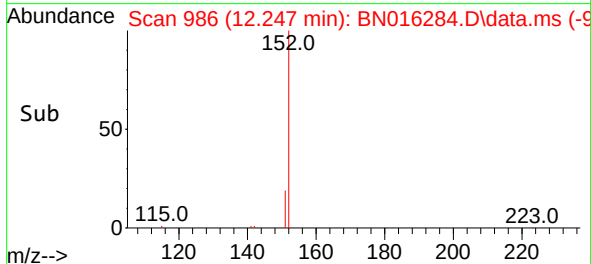
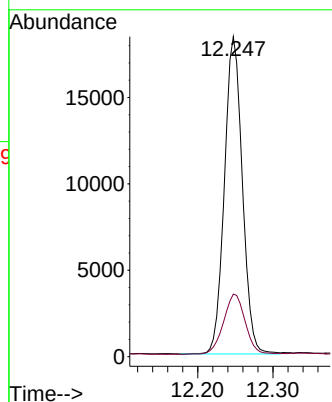
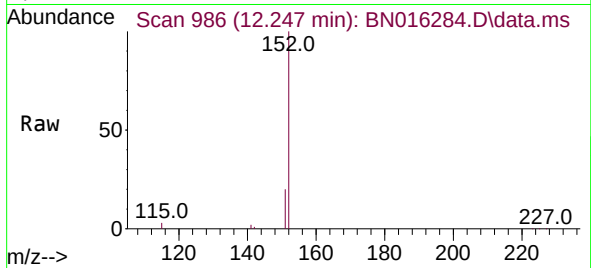




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.247 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

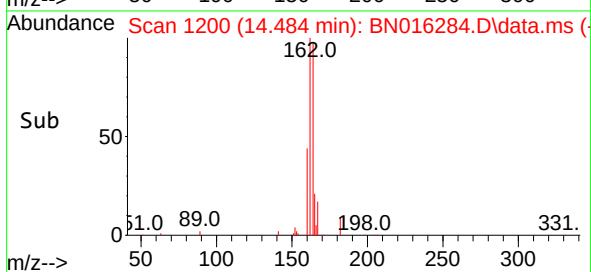
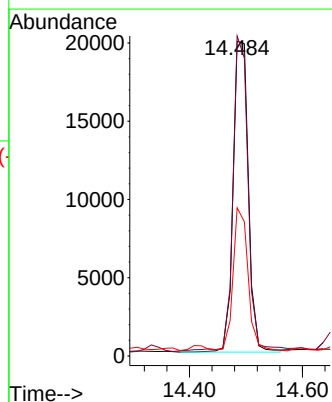
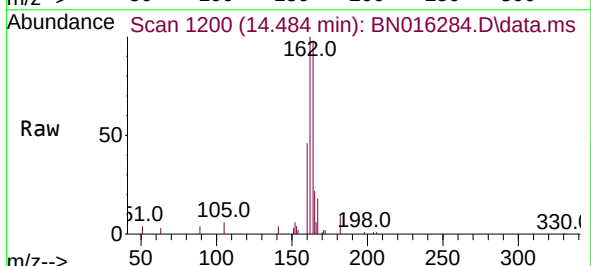
Instrument :
BNA_N
ClientSampled :
VE2-1

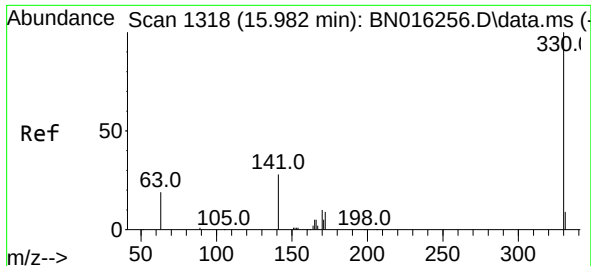
Tgt Ion:152 Resp: 30479
Ion Ratio Lower Upper
152 100
151 23.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:164 Resp: 37262
Ion Ratio Lower Upper
164 100
162 101.7 79.0 118.4
160 47.1 34.1 51.1

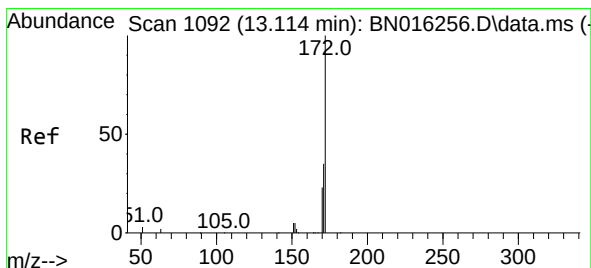
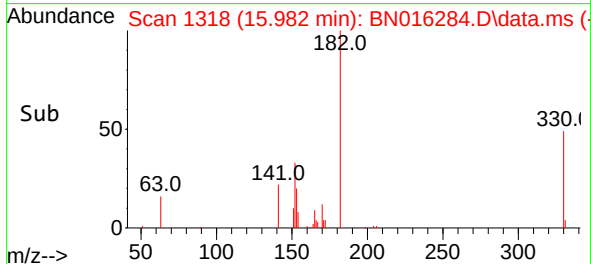
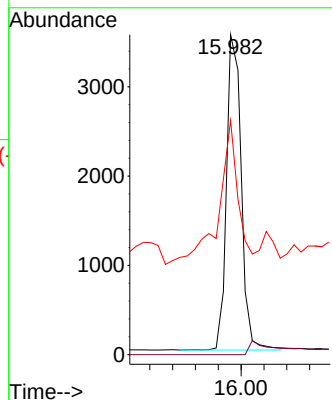
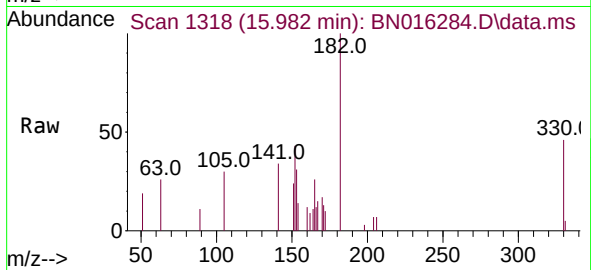




#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.982 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

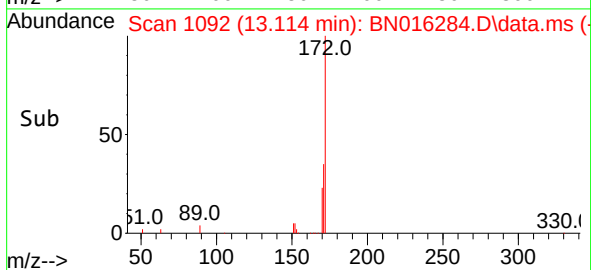
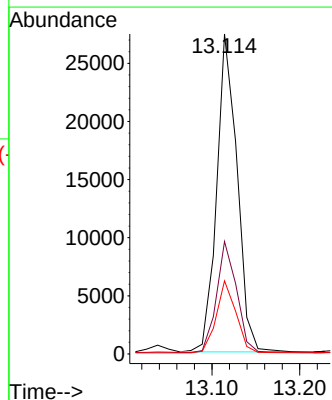
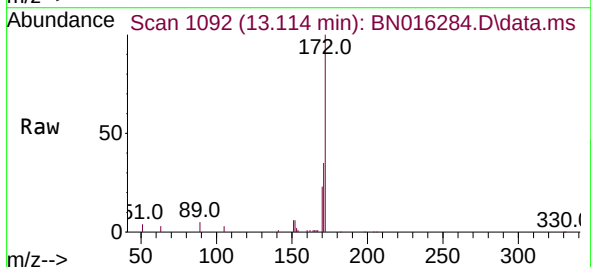
Instrument :
BNA_N
ClientSampled :
VE2-1

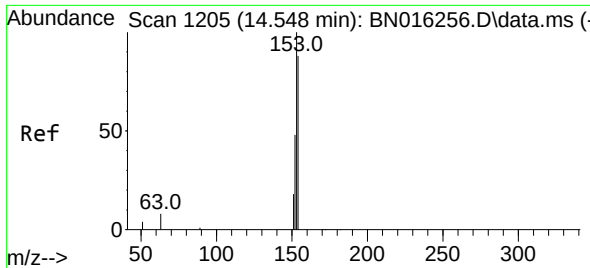
Tgt Ion:330 Resp: 6223
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.2 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.114 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:172 Resp: 44147
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 22.9 18.2 27.2

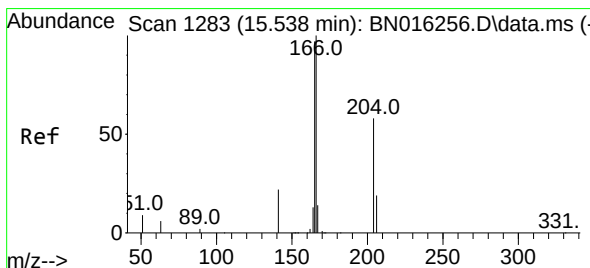
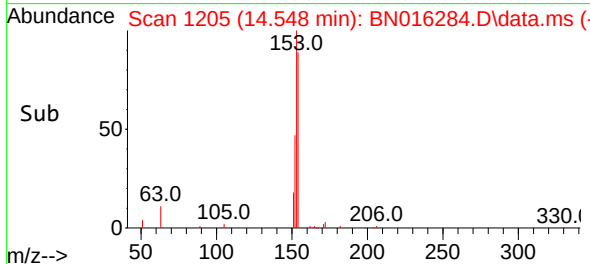
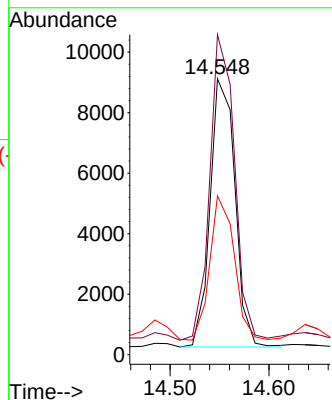
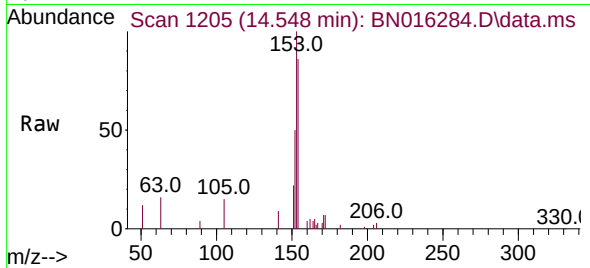




#17
Acenaphthene
Concen: 0.143 ng
RT: 14.548 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

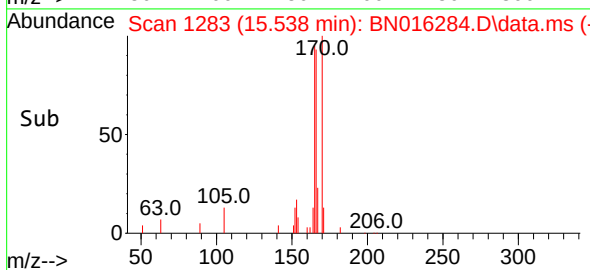
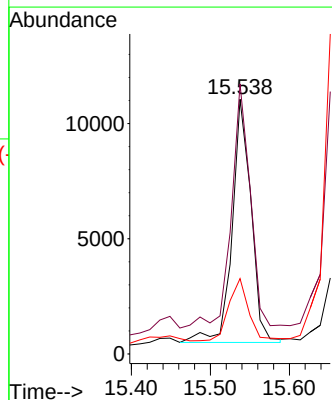
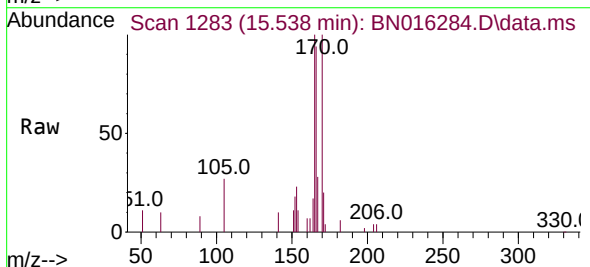
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VE2-1

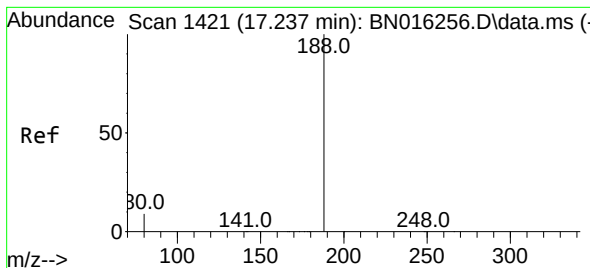
Tgt Ion:	154	Resp:	15491
Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.3	133.9
152	52.7	42.2	63.4



#18
Fluorene
Concen: 0.132 ng
RT: 15.538 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:	166	Resp:	17636
Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.7	115.1
167	26.9	10.9	16.3

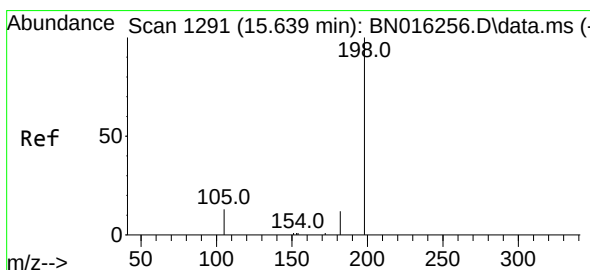
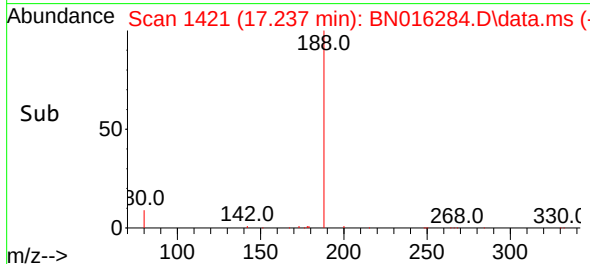
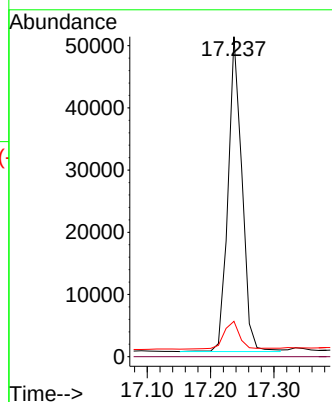
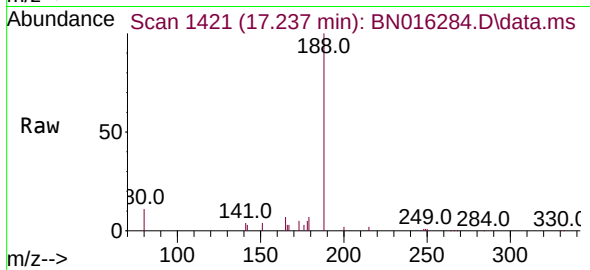




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

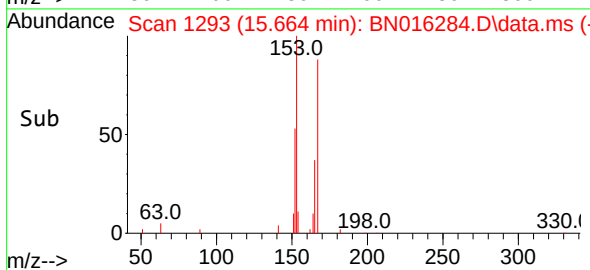
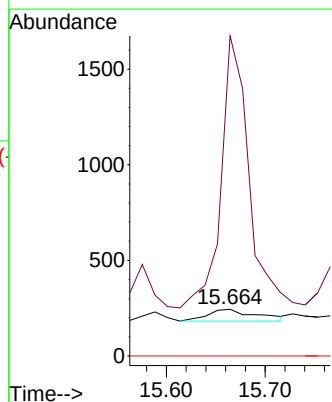
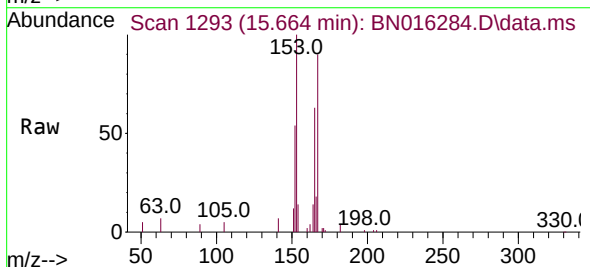
Instrument :
BNA_N
ClientSampleId :
VE2-1

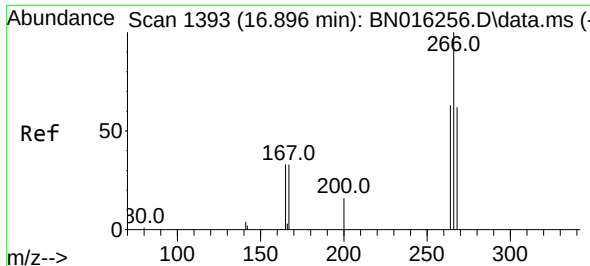
Tgt Ion:188 Resp: 76920
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.664 min Scan# 1293
Delta R.T. 0.025 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:198 Resp: 209
Ion Ratio Lower Upper
198 100
182 683.3 26.6 39.8#
77 0.0 0.0 0.0

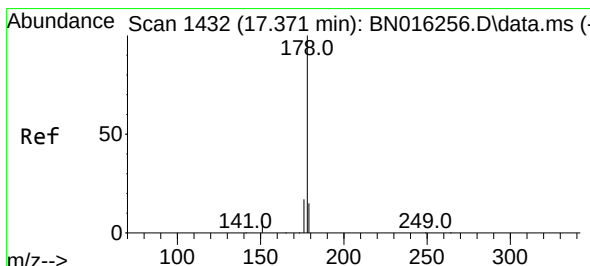
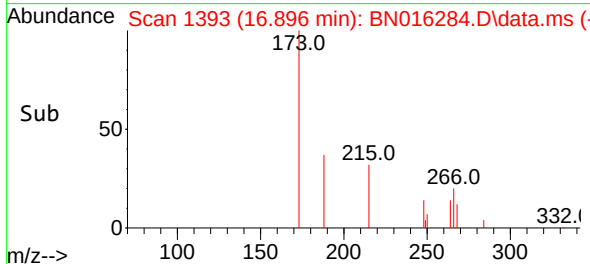
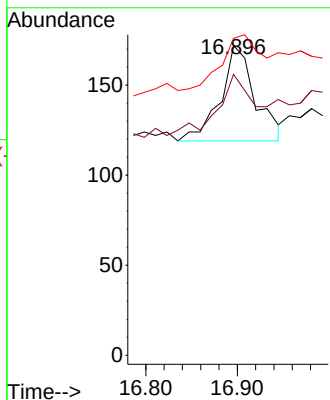
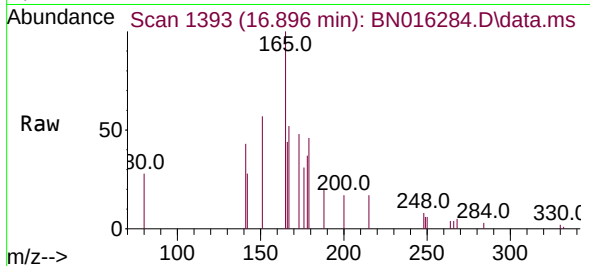




#24
Pentachlorophenol
Concen: 0.131 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

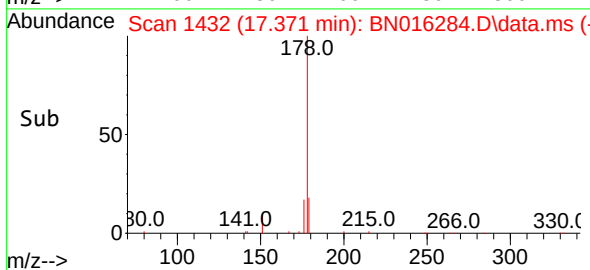
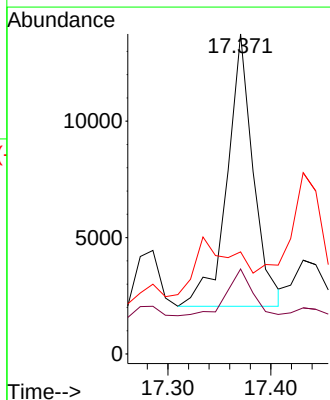
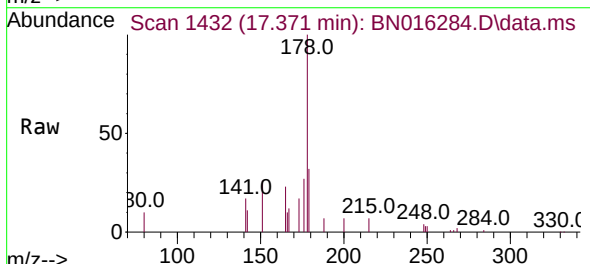
Instrument :
BNA_N
ClientSampled :
VE2-1

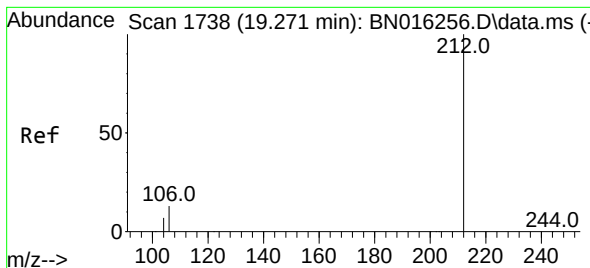
Tgt Ion:	266	Resp:	140
Ion Ratio	Lower	Upper	
266	100		
264	68.6	50.6	75.8
268	66.4	52.6	79.0



#26
Anthracene
Concen: 0.101 ng
RT: 17.371 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:	178	Resp:	20743
Ion Ratio	Lower	Upper	
178	100		
176	16.5	13.9	20.9
179	0.0	12.2	18.4

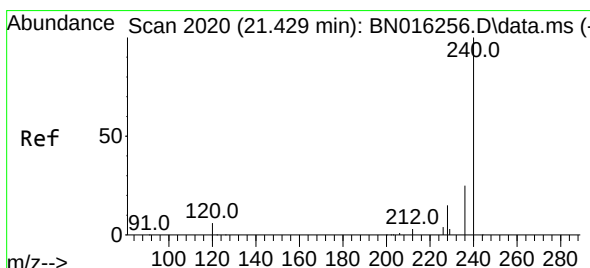
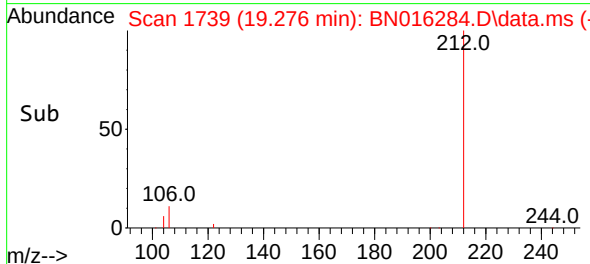
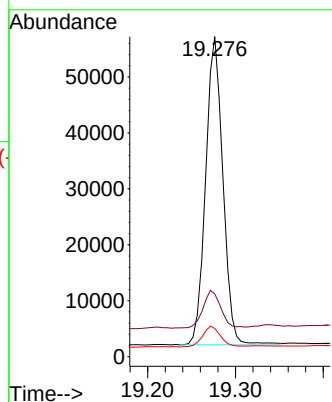
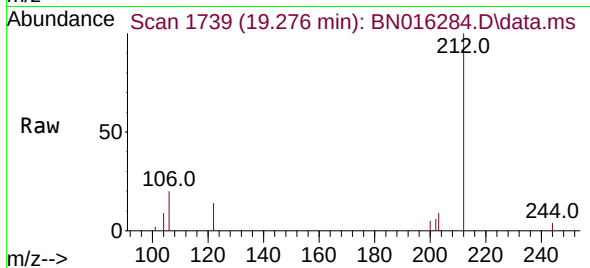




#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.276 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

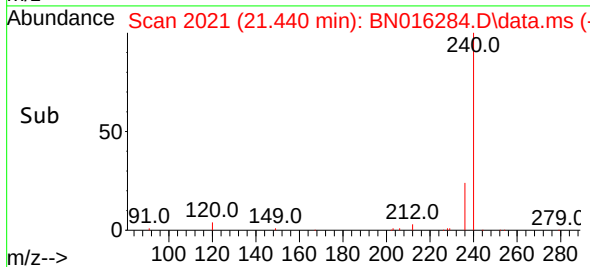
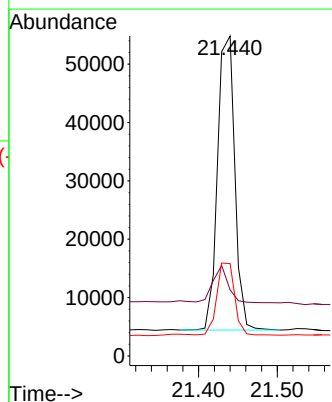
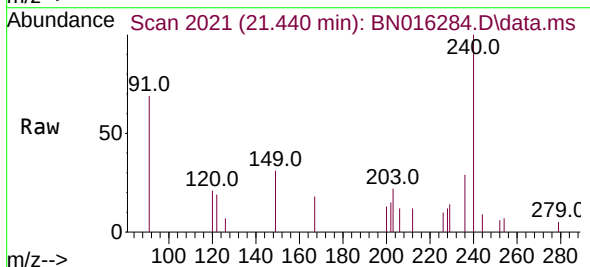
Instrument :
BNA_N
ClientSampleId :
VE2-1

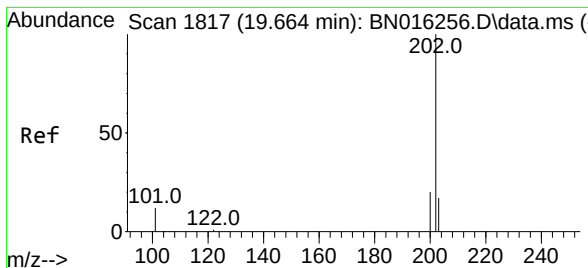
Tgt Ion:212 Resp: 75486
Ion Ratio Lower Upper
212 100
106 12.7 9.8 14.6
104 7.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. 0.011 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:240 Resp: 76604
Ion Ratio Lower Upper
240 100
120 20.6 5.3 7.9#
236 28.8 19.8 29.8





#30

Pyrene

Concen: 0.024 ng

RT: 19.669 min Scan# 1818

Delta R.T. 0.005 min

Lab File: BN016284.D

Acq: 10 Sep 2021 08:45

Tgt Ion:202 Resp: 6263

Ion Ratio Lower Upper

202 100

200 25.0 15.8 23.6#

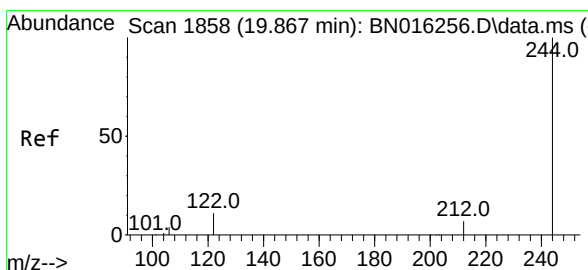
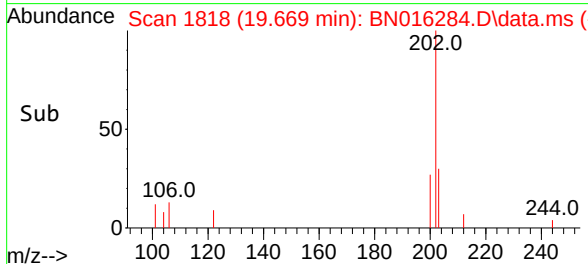
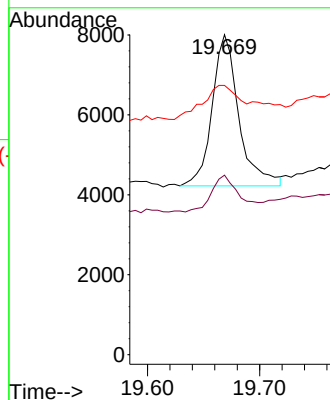
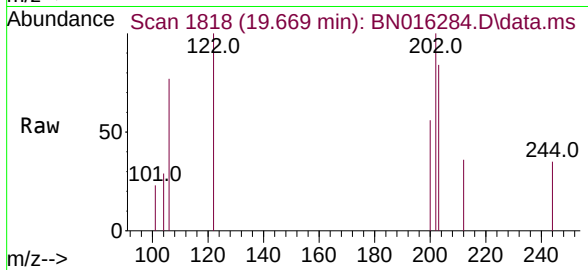
203 30.3 13.9 20.9#

Instrument :

BNA_N

ClientSampleId :

VE2-1



#31

Terphenyl-d14

Concen: 0.385 ng

RT: 19.872 min Scan# 1859

Delta R.T. 0.005 min

Lab File: BN016284.D

Acq: 10 Sep 2021 08:45

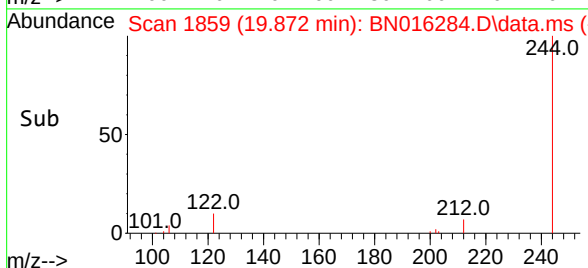
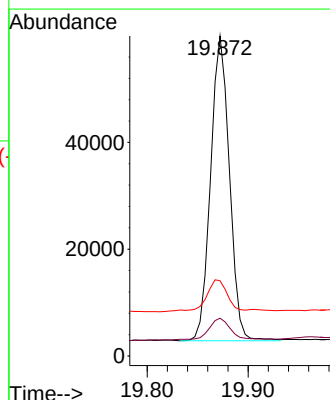
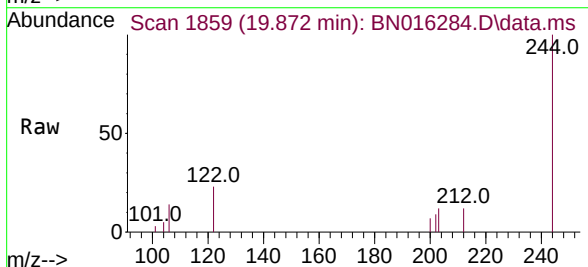
Tgt Ion:244 Resp: 73919

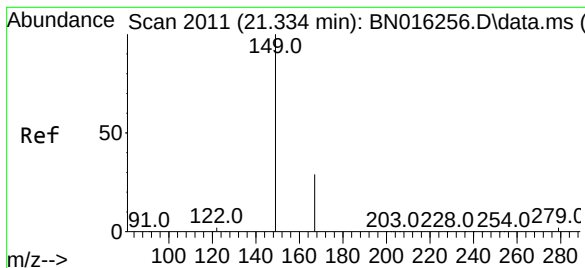
Ion Ratio Lower Upper

244 100

212 11.8 5.5 8.3#

122 23.5 9.0 13.4#

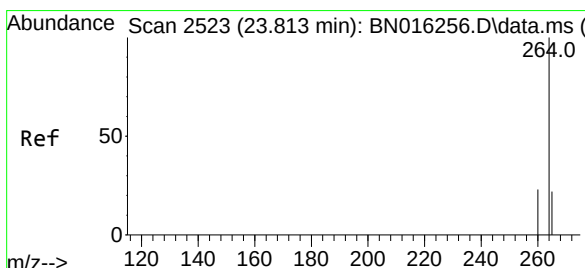
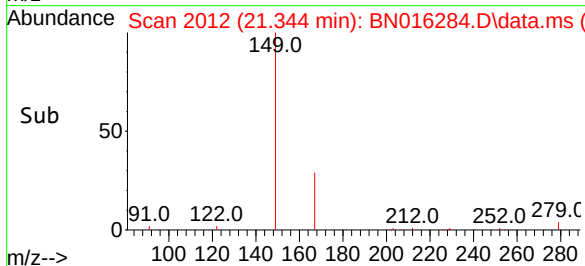
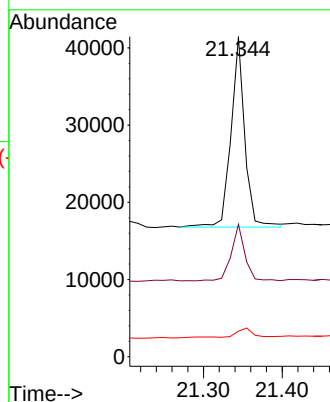
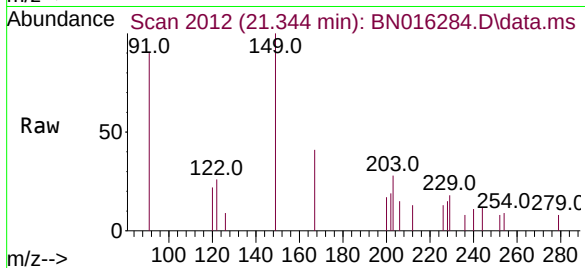




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.204 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Instrument :
BNA_N
ClientSampled :
VE2-1

Tgt Ion:149 Resp: 29962
Ion Ratio Lower Upper
149 100
167 29.1 23.4 35.0
279 7.2 3.9 5.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.827 min Scan# 2527
Delta R.T. 0.014 min
Lab File: BN016284.D
Acq: 10 Sep 2021 08:45

Tgt Ion:264 Resp: 63513
Ion Ratio Lower Upper
264 100
260 27.2 18.9 28.3
265 40.6 23.7 35.5#

