

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
 Data File : BN016220.D
 Acq On : 05 Sep 2021 08:34
 Operator : CG/JU
 Sample : M3561-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE2-1

Quant Time: Sep 06 06:22:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 06 02:08:58 2021
 Response via : Initial Calibration

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

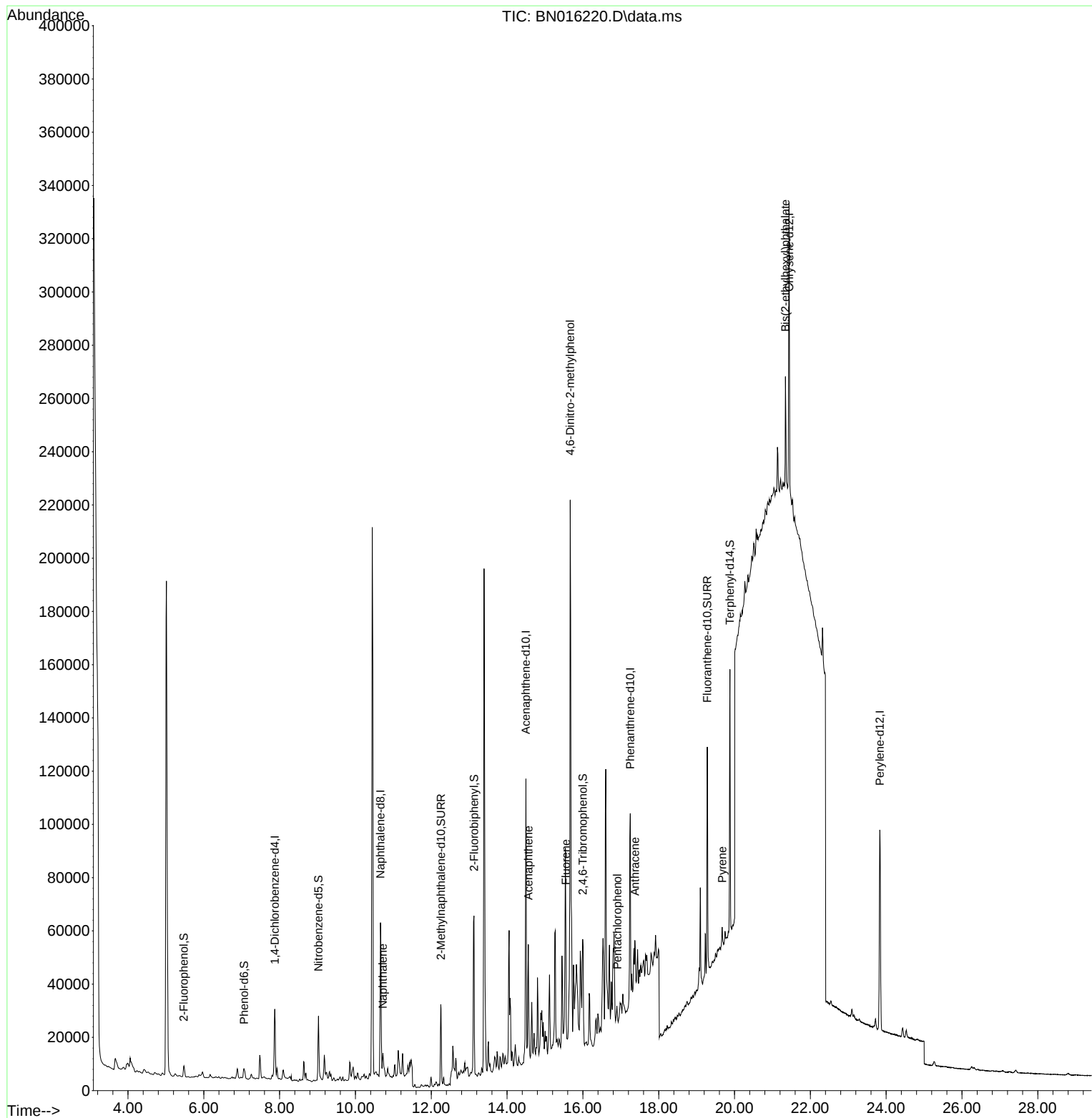
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15803	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	84470	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	52883	0.400	ng	0.00
19) Phenanthrene-d10	17.248	188	104199	0.400	ng	# 0.00
29) Chrysene-d12	21.439	240	104934	0.400	ng	# 0.01
35) Perylene-d12	23.833	264	110104	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.475	112	5382	0.121	ng	0.02
5) Phenol-d6	7.061	99	4070	0.071	ng	0.03
8) Nitrobenzene-d5	9.025	82	20648	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.251	152	42727	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	8646	0.366	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	62099	0.311	ng	0.00
27) Fluoranthene-d10	19.281	212	98637	0.315	ng	0.00
31) Terphenyl-d14	19.877	244	97518	0.368	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.723	128	6548	0.029	ng	# 51
17) Acenaphthene	14.560	154	21736	0.145	ng	98
18) Fluorene	15.550	166	24134	0.128	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.664	198	283	0.314	ng	# 1
24) Pentachlorophenol	16.908	266	162	0.372	ng	# 78
26) Anthracene	17.370	178	27232	0.098	ng	# 80
30) Pyrene	19.673	202	8674	0.025	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.344	149	37971	0.160	ng	99

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

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QLast Update : Mon Sep 06 02:08:58 2021
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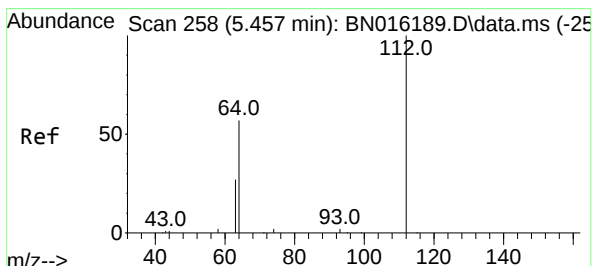
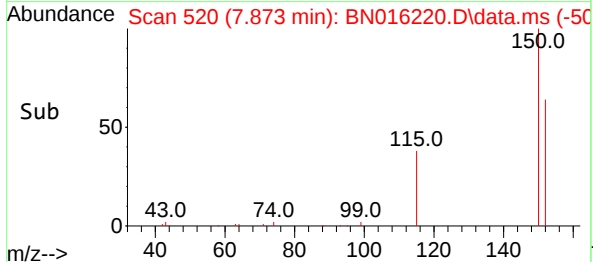
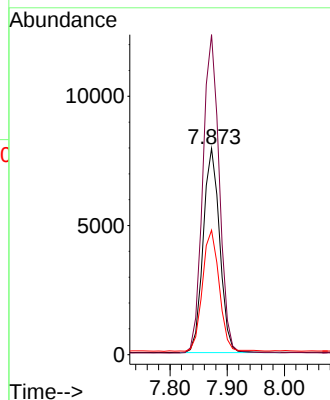
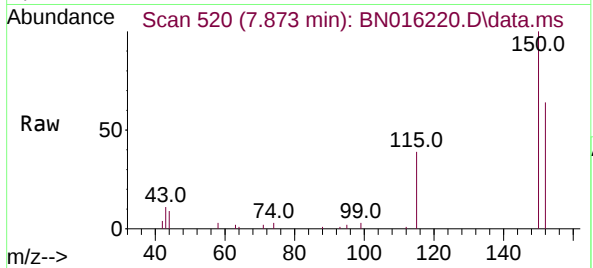




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

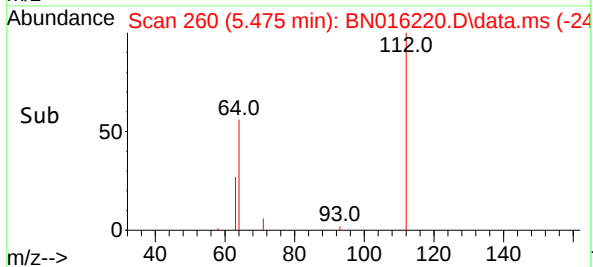
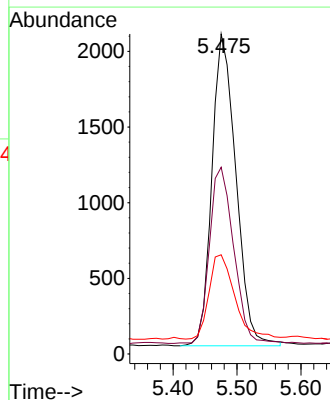
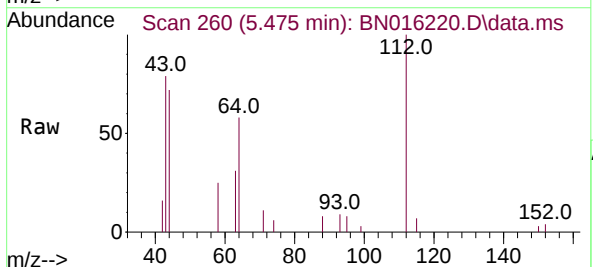
Instrument :
BNA_N
ClientSampled :
VE2-1

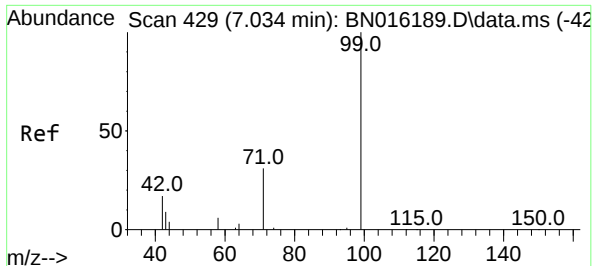
Tgt Ion:152 Resp: 15803
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 60.3 48.4 72.6



#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.475 min Scan# 260
Delta R.T. 0.018 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:112 Resp: 5382
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 22.7 34.1

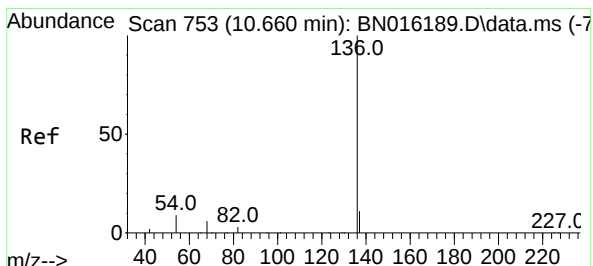
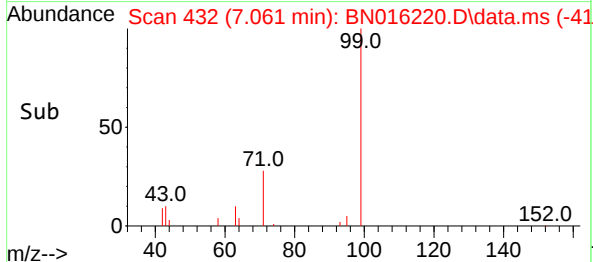
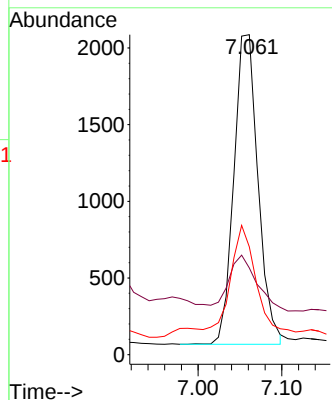
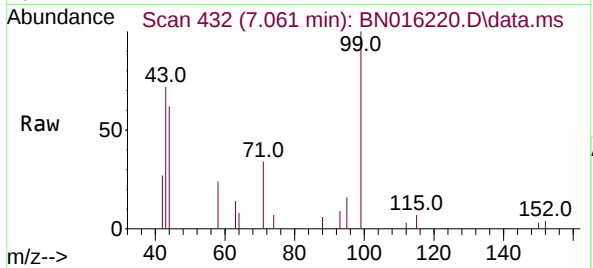




#5
Phenol-d6
Concen: 0.071 ng
RT: 7.061 min Scan# 432
Delta R.T. 0.027 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

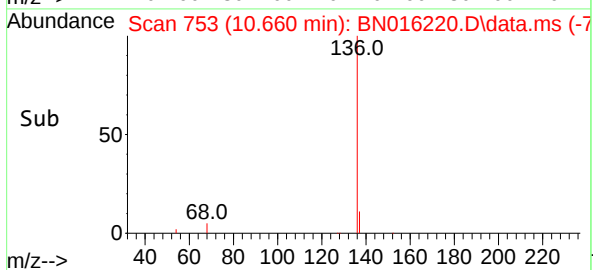
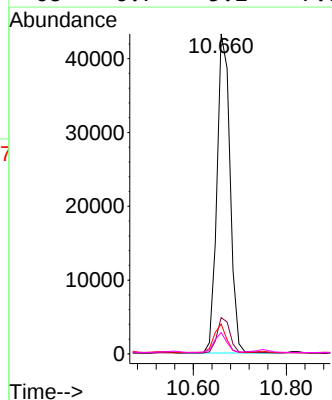
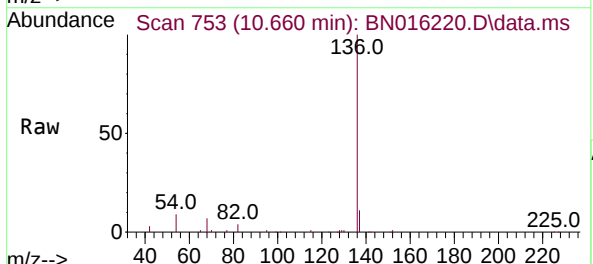
Instrument :
BNA_N
ClientSampled :
VE2-1

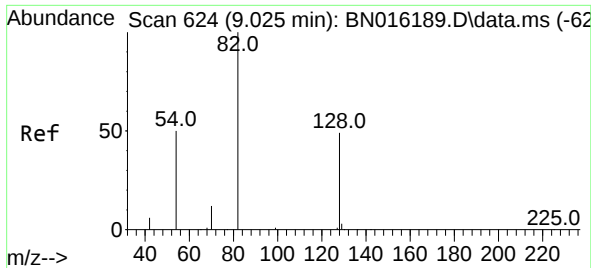
Tgt Ion: 99 Resp: 4070
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.6
71 33.9 24.3 36.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion: 136 Resp: 84470
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.4 7.2 10.8
68 6.7 5.2 7.8

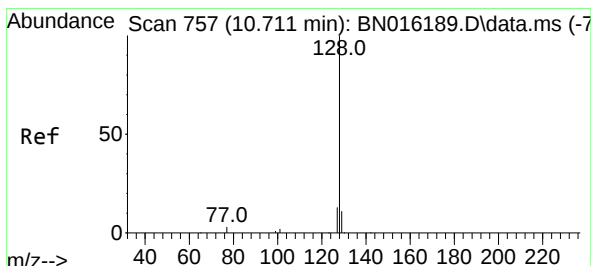
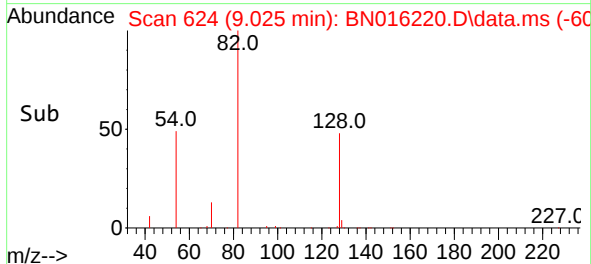
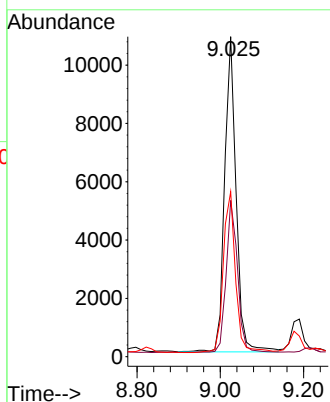
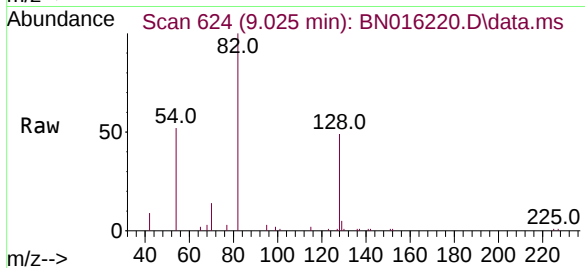




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 9.025 min Scan# 624
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

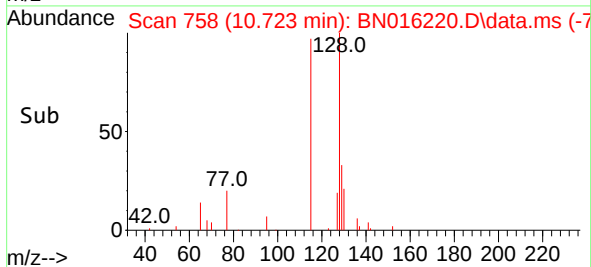
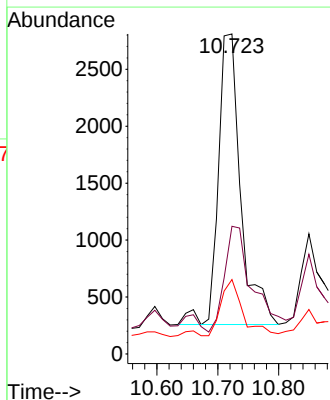
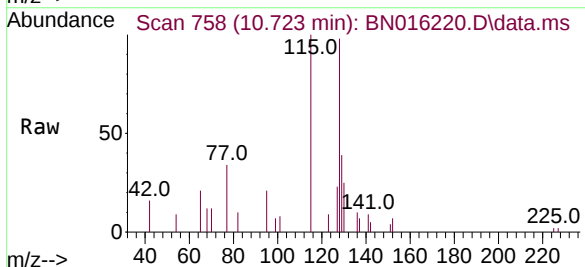
Instrument :
BNA_N
ClientSampleId :
VE2-1

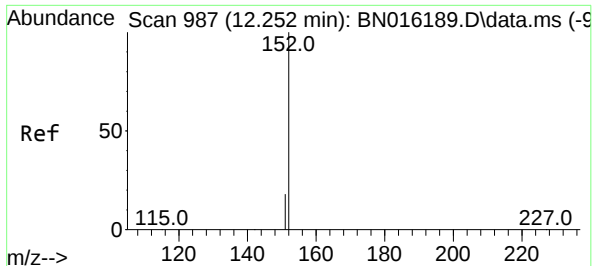
Tgt Ion: 82 Resp: 20648
Ion Ratio Lower Upper
82 100
128 48.8 39.3 58.9
54 51.5 40.2 60.4



#9
Naphthalene
Concen: 0.029 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.012 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion: 128 Resp: 6548
Ion Ratio Lower Upper
128 100
129 39.9 8.9 13.3#
127 23.2 10.4 15.6#

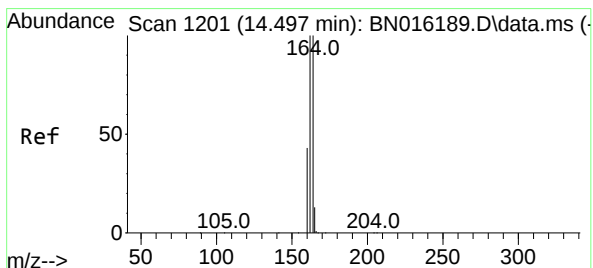
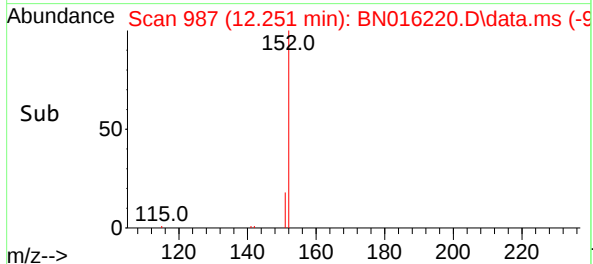
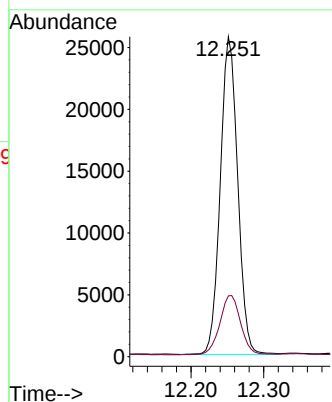
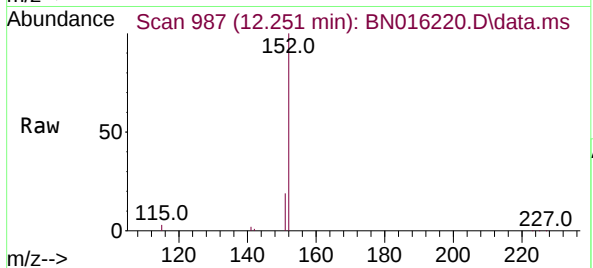




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.251 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

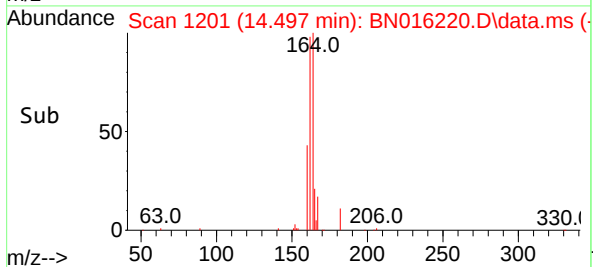
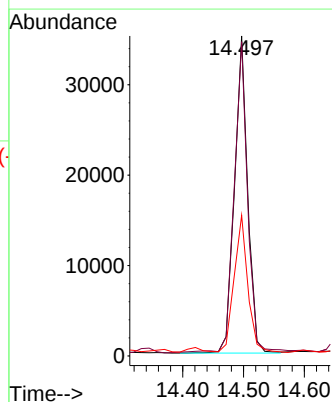
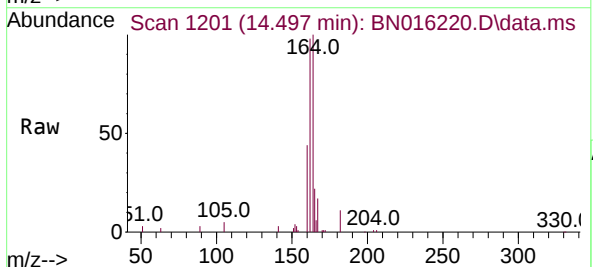
Instrument :
BNA_N
ClientSampled :
VE2-1

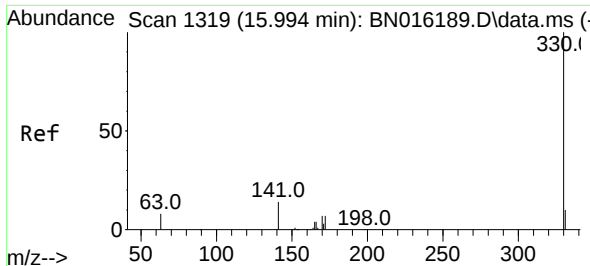
Tgt Ion:152 Resp: 42727
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:164 Resp: 52883
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.6
160 44.0 34.2 51.4

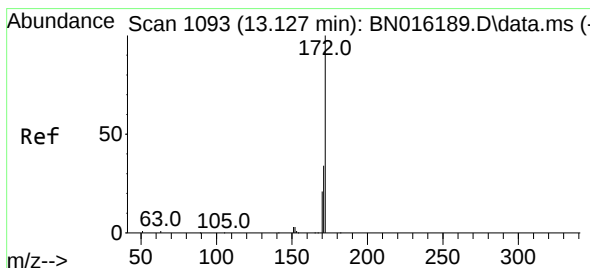
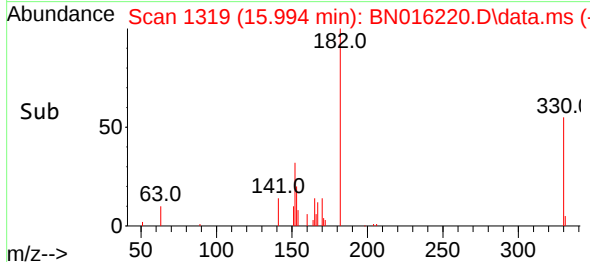
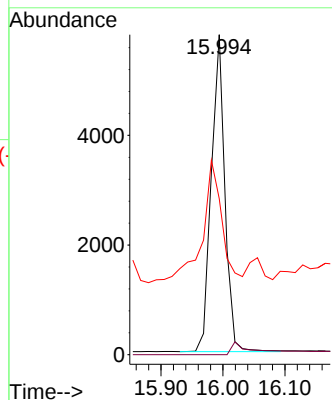
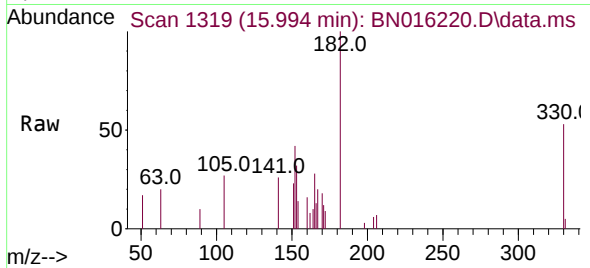




#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.994 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

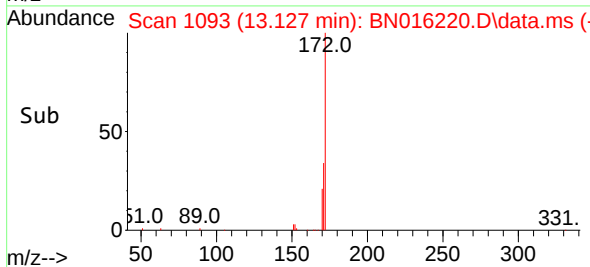
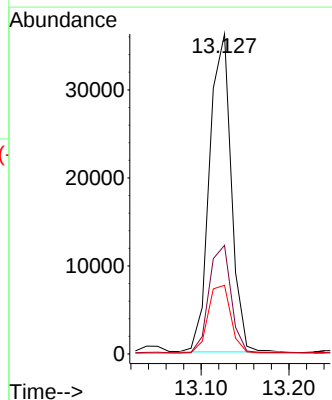
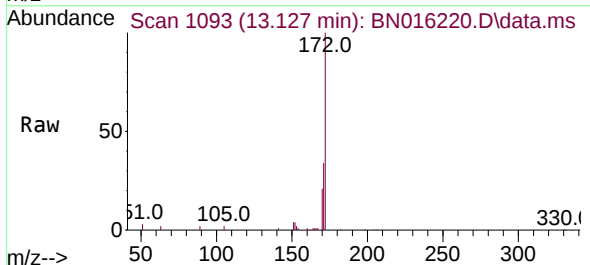
Instrument :
BNA_N
ClientSampled :
VE2-1

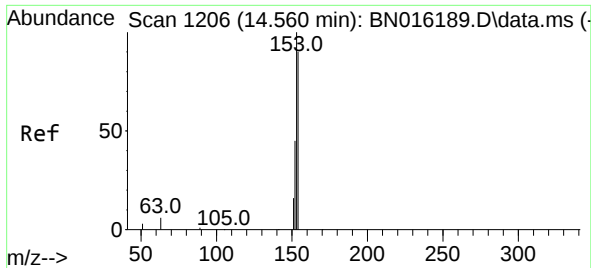
Tgt Ion:330 Resp: 8646
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.1 25.4 38.2#



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.127 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:172 Resp: 62099
Ion Ratio Lower Upper
172 100
171 33.9 26.9 40.3
170 21.4 17.1 25.7

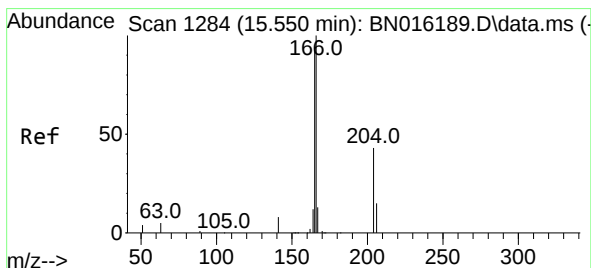
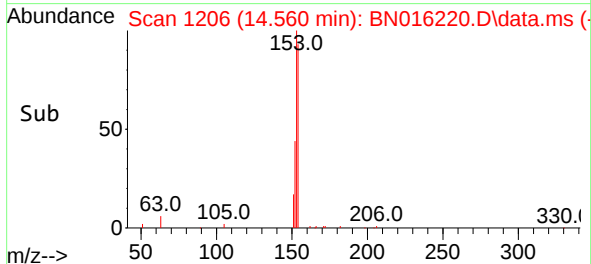
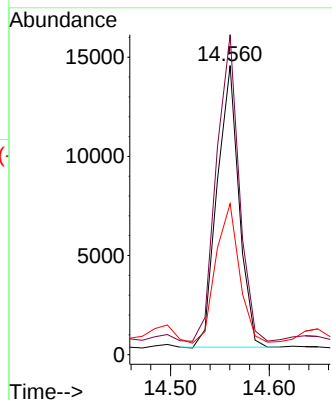
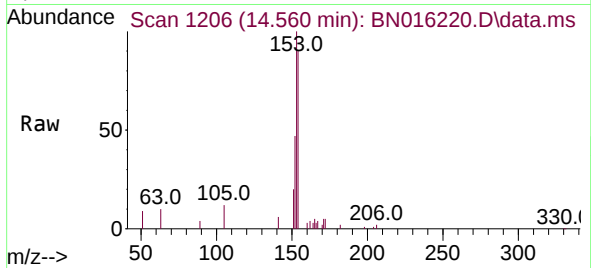




#17
Acenaphthene
Concen: 0.145 ng
RT: 14.560 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

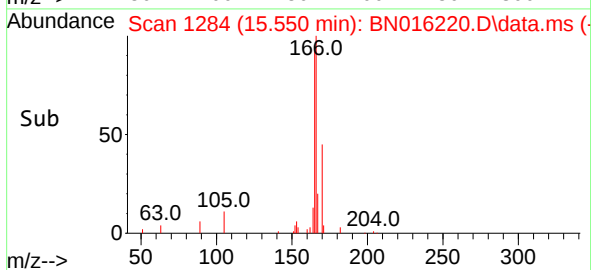
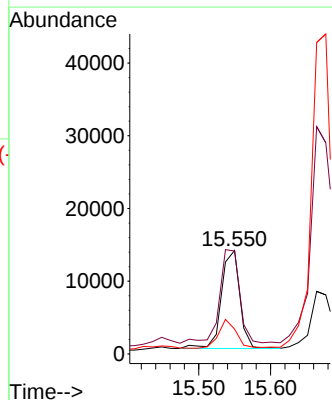
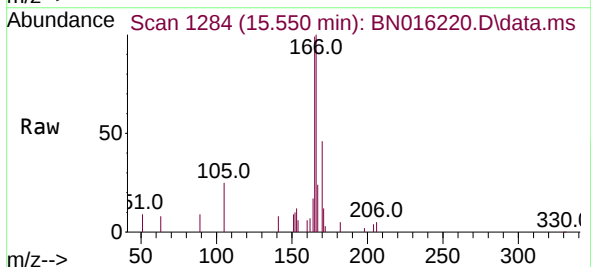
Instrument :
BNA_N
ClientSampled :
VE2-1

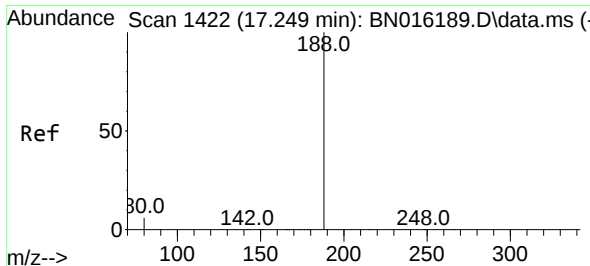
Tgt Ion:154 Resp: 21736
Ion Ratio Lower Upper
154 100
153 112.3 89.1 133.7
152 53.6 41.2 61.8



#18
Fluorene
Concen: 0.128 ng
RT: 15.550 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:166 Resp: 24134
Ion Ratio Lower Upper
166 100
165 102.9 77.0 115.6
167 27.9 10.9 16.3#

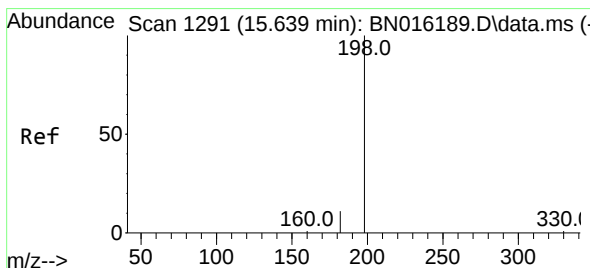
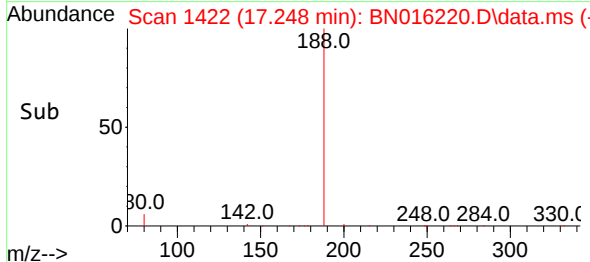
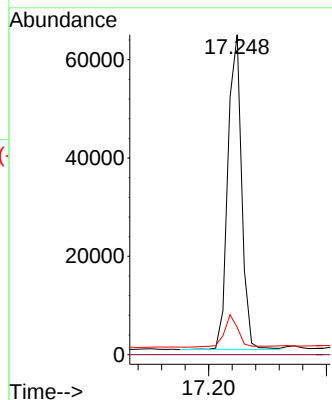
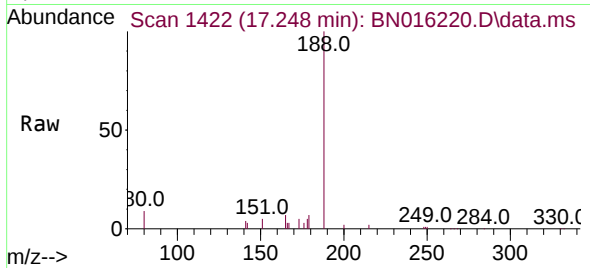




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.248 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

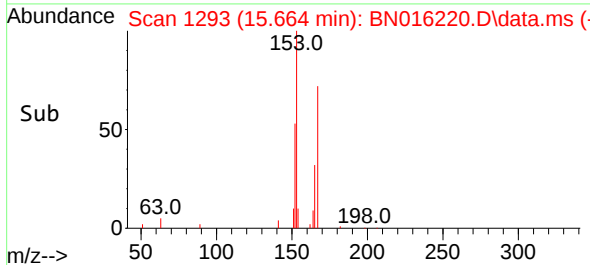
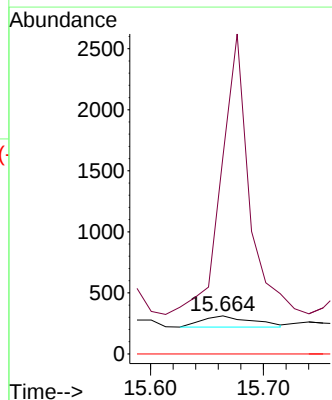
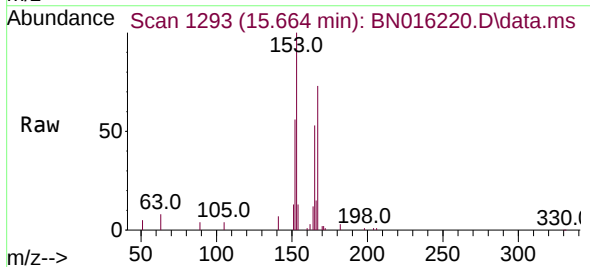
Instrument :
BNA_N
ClientSampleId :
VE2-1

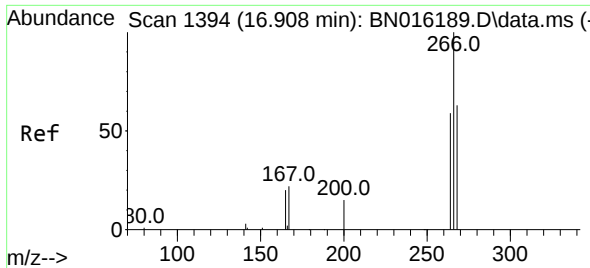
Tgt Ion:188 Resp: 104199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.664 min Scan# 1293
Delta R.T. 0.025 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
182 517.3 28.8 43.2#
77 0.0 0.0 0.0

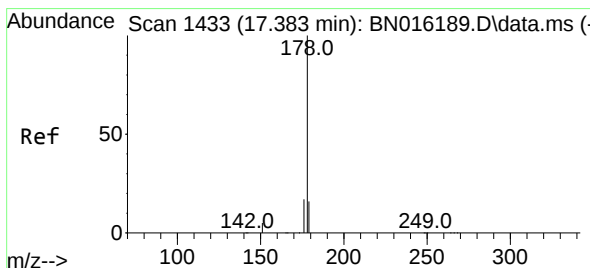
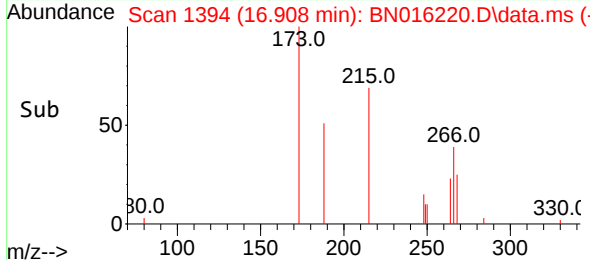
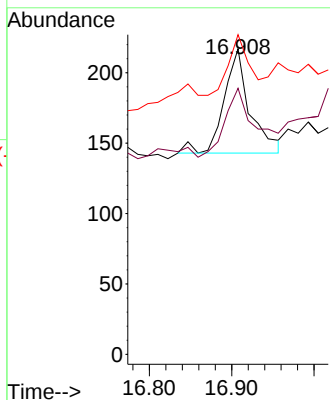
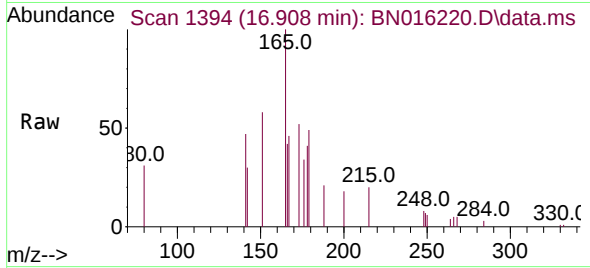




#24
 Pentachlorophenol
 Concen: 0.372 ng
 RT: 16.908 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: BN016220.D
 Acq: 05 Sep 2021 08:34

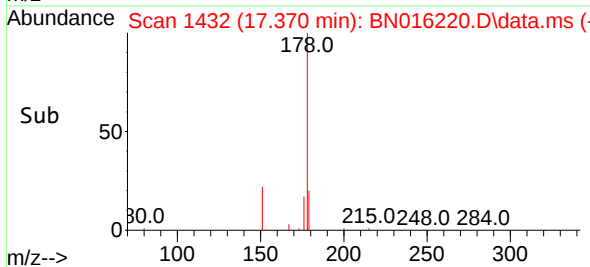
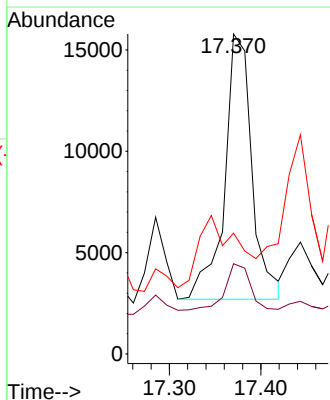
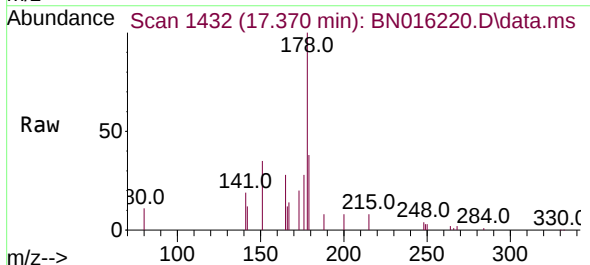
Instrument :
 BNA_N
 ClientSampled :
 VE2-1

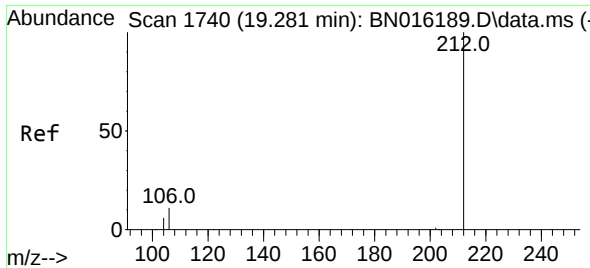
Tgt Ion:	266	Resp:	162
Ion Ratio	Lower	Upper	
266	100		
264	80.9	50.4	75.6#
268	45.7	49.6	74.4#



#26
 Anthracene
 Concen: 0.098 ng
 RT: 17.370 min Scan# 1432
 Delta R.T. -0.012 min
 Lab File: BN016220.D
 Acq: 05 Sep 2021 08:34

Tgt Ion:	178	Resp:	27232
Ion Ratio	Lower	Upper	
178	100		
176	15.4	13.8	20.8
179	0.0	12.4	18.6#

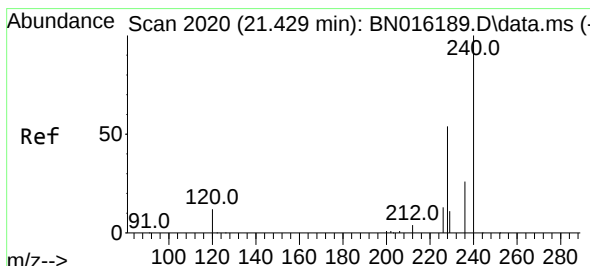
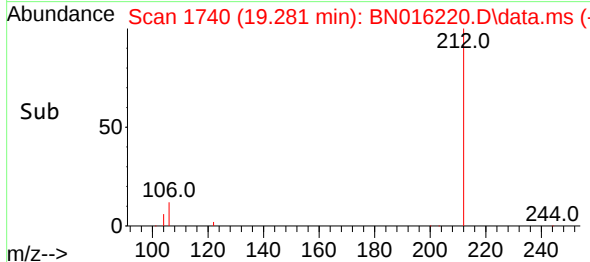
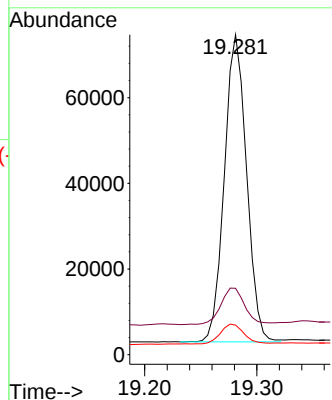
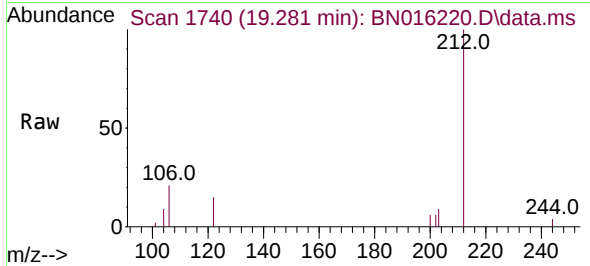




#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.281 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

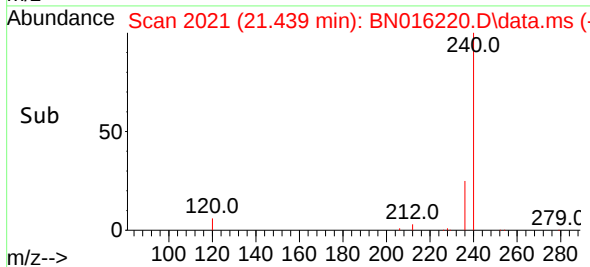
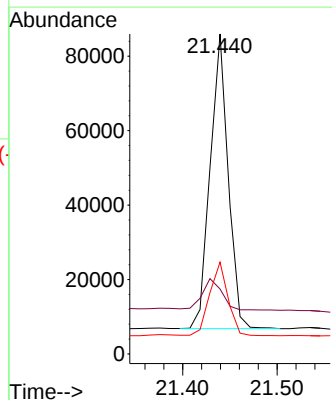
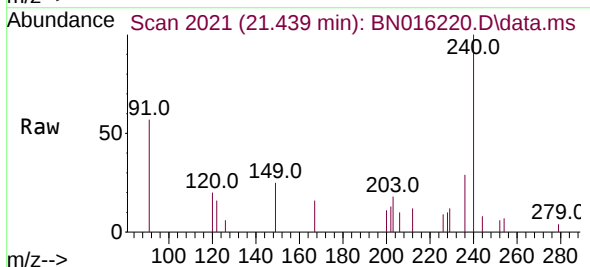
Instrument :
BNA_N
ClientSampled :
VE2-1

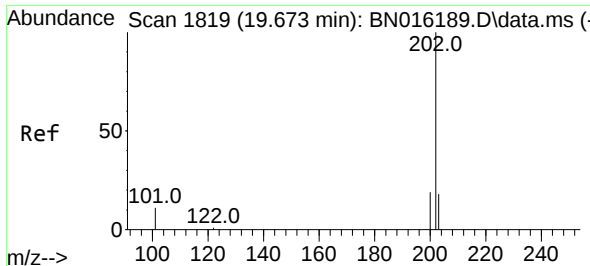
Tgt Ion:212 Resp: 98637
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 6.9 5.4 8.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.439 min Scan# 2021
Delta R.T. 0.010 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:240 Resp: 104934
Ion Ratio Lower Upper
240 100
120 20.3 10.0 15.0#
236 28.7 20.9 31.3

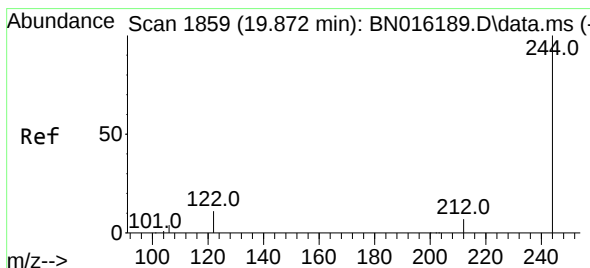
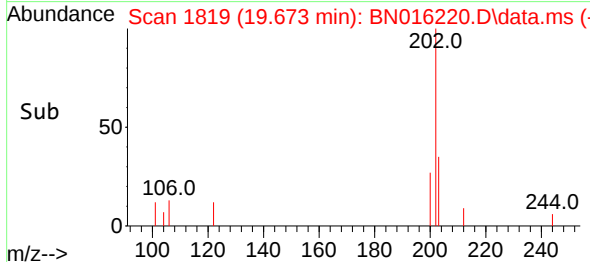
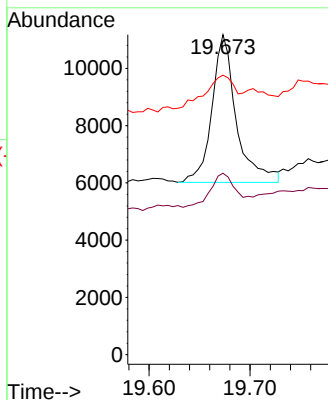
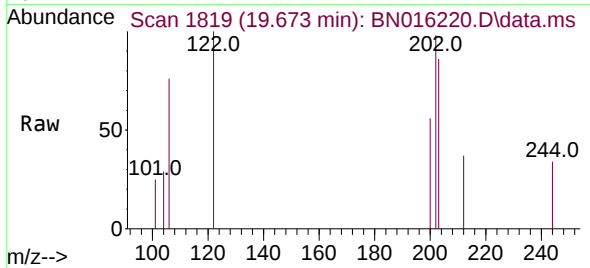




#30
Pyrene
Concen: 0.025 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

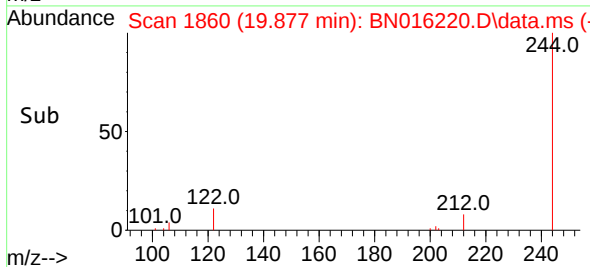
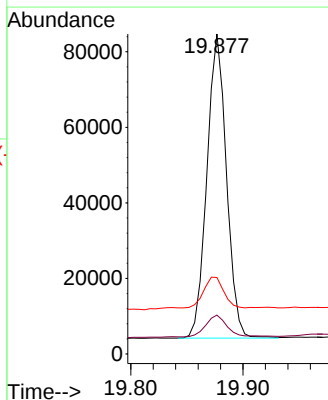
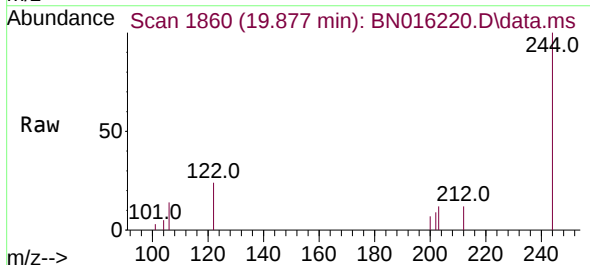
Instrument :
BNA_N
ClientSampleId :
VE2-1

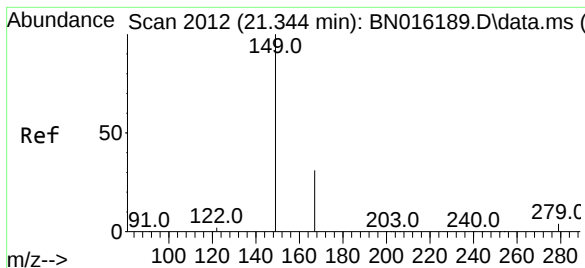
Tgt Ion:202 Resp: 8674
Ion Ratio Lower Upper
202 100
200 22.8 15.8 23.8
203 27.6 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.368 ng
RT: 19.877 min Scan# 1860
Delta R.T. 0.005 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:244 Resp: 97518
Ion Ratio Lower Upper
244 100
212 12.1 5.5 8.3#
122 23.9 9.0 13.4#

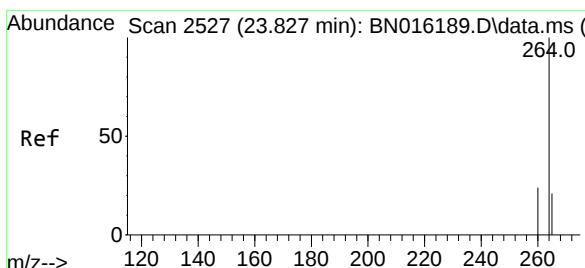
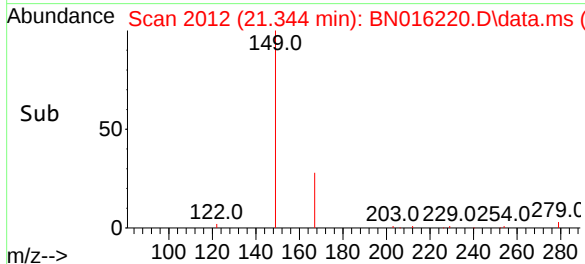
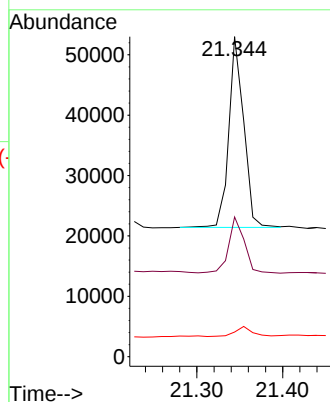
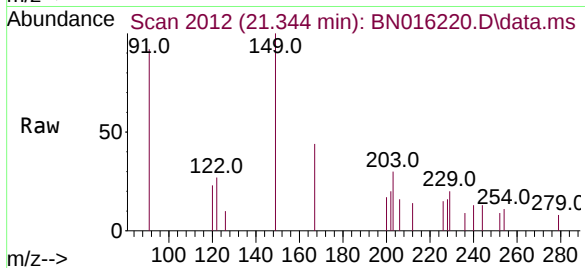




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 21.344 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Instrument :
BNA_N
ClientSampled :
VE2-1

Tgt Ion:149 Resp: 37971
Ion Ratio Lower Upper
149 100
167 30.9 24.2 36.4
279 5.9 4.0 6.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.833 min Scan# 2529
Delta R.T. 0.007 min
Lab File: BN016220.D
Acq: 05 Sep 2021 08:34

Tgt Ion:264 Resp: 110104
Ion Ratio Lower Upper
264 100
260 26.4 19.5 29.3
265 34.0 20.2 30.2#

