

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021480.D
 Acq On : 31 Aug 2022 07:16
 Operator : CG/JU
 Sample : N4298-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220822

Quant Time: Aug 31 07:42:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

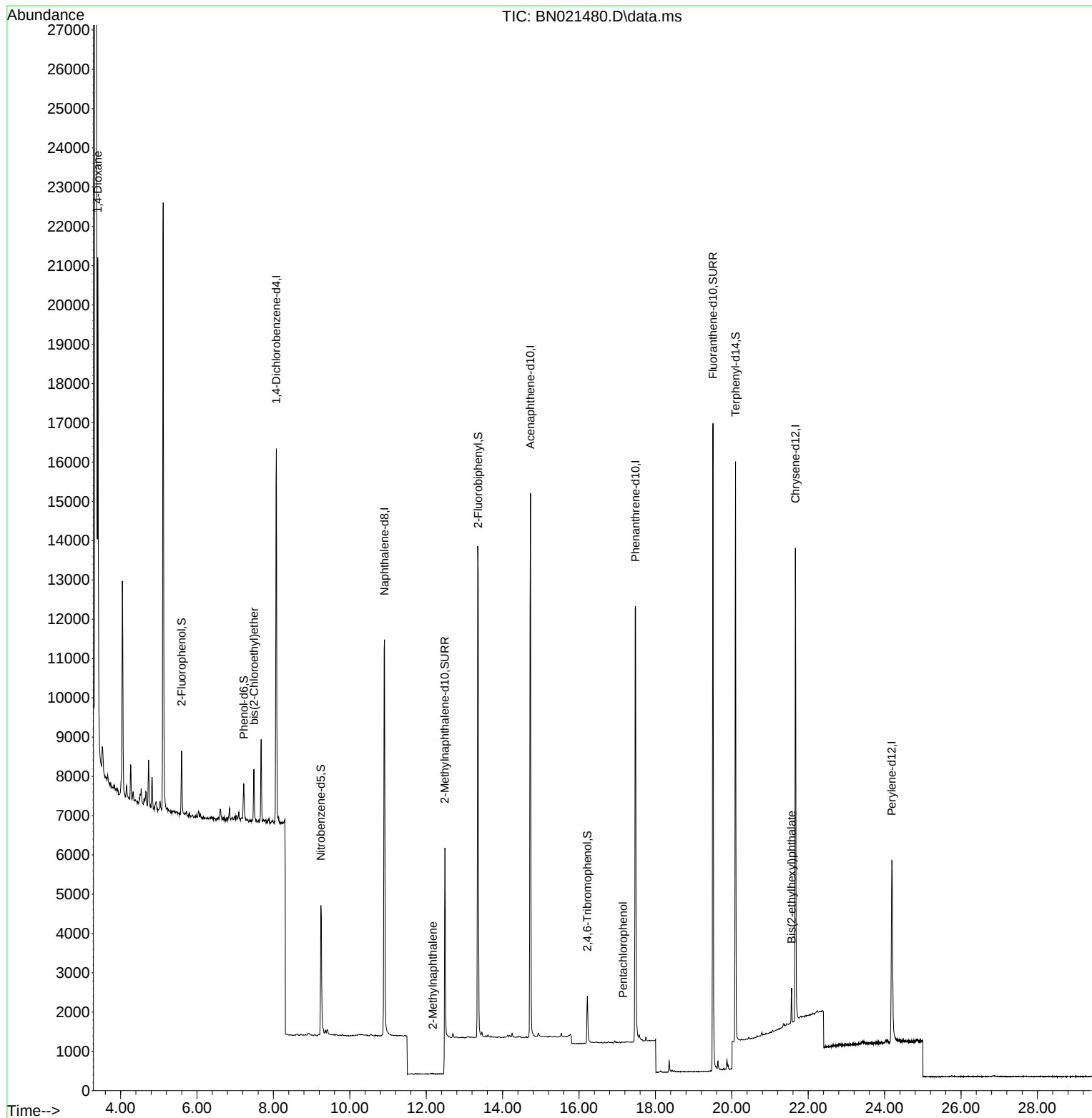
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4805	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15064	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	8208	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17180	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11410	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7963	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1454	0.155	ng	0.00
5) Phenol-d6	7.224	99	1026	0.086	ng	0.00
8) Nitrobenzene-d5	9.243	82	3223	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	12719	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	770	0.286	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12272	0.342	ng	0.00
27) Fluoranthene-d10	19.506	212	18391	0.416	ng	0.00
31) Terphenyl-d14	20.097	244	12710	0.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	7113	1.184	ng	# 90
6) bis(2-Chloroethyl)ether	7.491	93	1089	0.072	ng	99
12) 2-Methylnaphthalene	12.176	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	9	0.205	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.566	149	961	0.060	ng	92

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

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Instrument :
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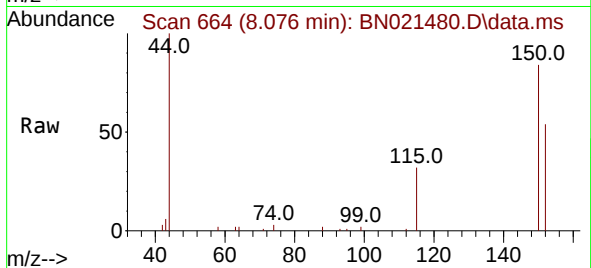
Quant Time: Aug 31 07:42:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



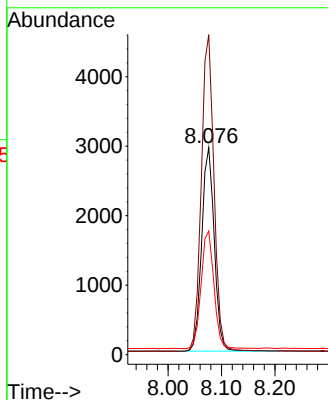
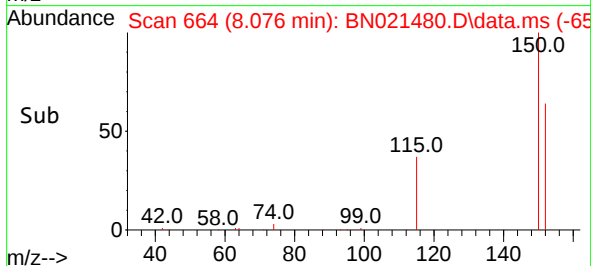


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021480.D
 Acq: 31 Aug 2022 07:16

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220822

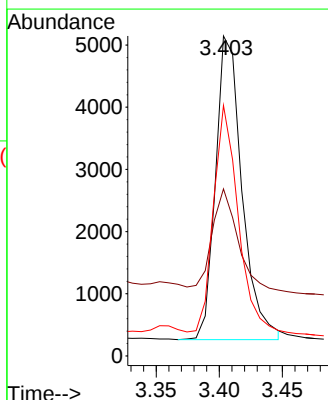
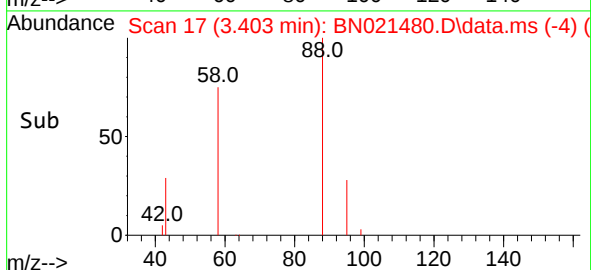
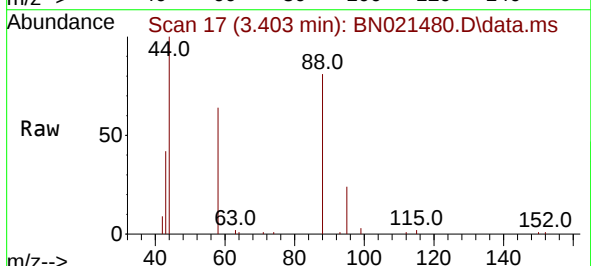


Tgt Ion:152 Resp: 4805
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.4 182.0
 115 59.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.184 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021480.D
 Acq: 31 Aug 2022 07:16

Tgt Ion: 88 Resp: 7113
 Ion Ratio Lower Upper
 88 100
 43 31.9 35.8 53.8#
 58 68.8 57.1 85.7

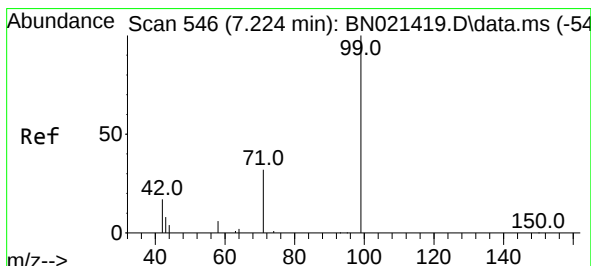
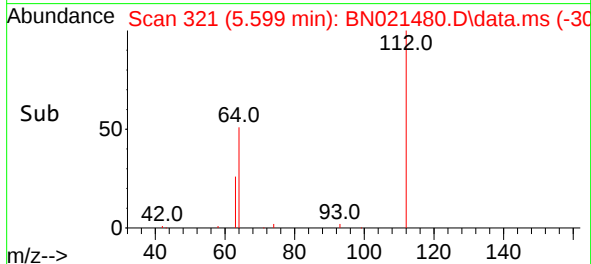
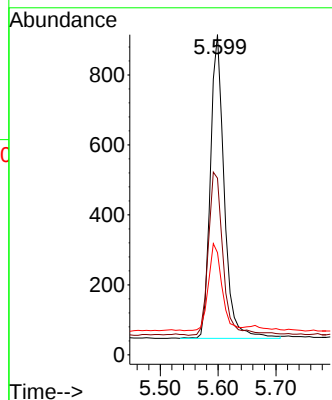
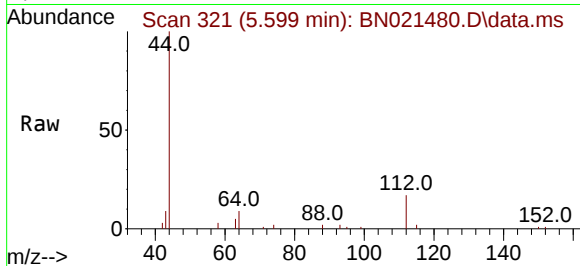




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

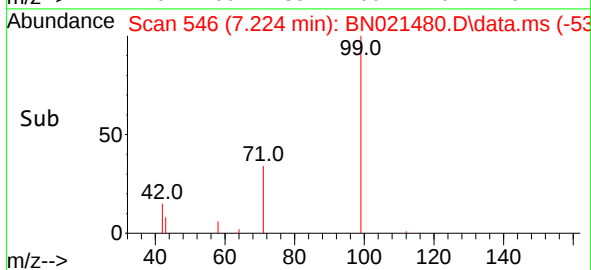
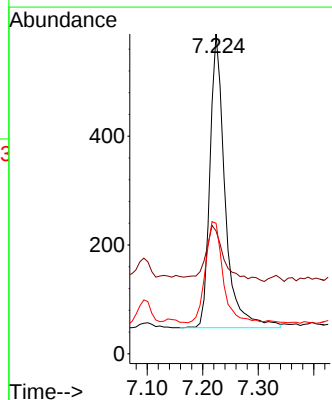
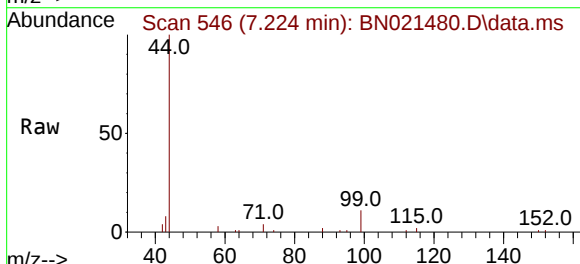
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BNA_N
ClientSampleId :
RE104D2-20220822

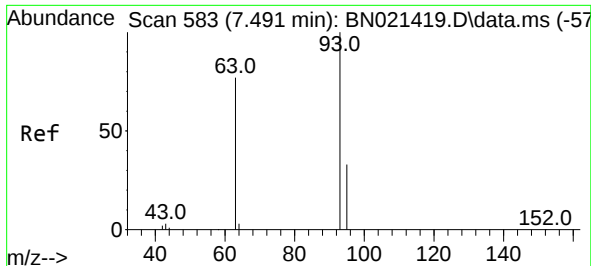
Tgt Ion:112 Resp: 1454
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 27.9 22.6 34.0



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion: 99 Resp: 1026
Ion Ratio Lower Upper
99 100
42 23.1 15.5 23.3
71 39.9 24.2 36.2#

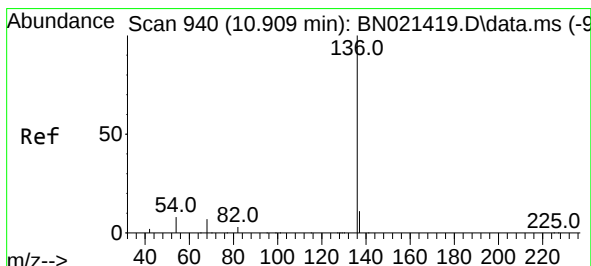
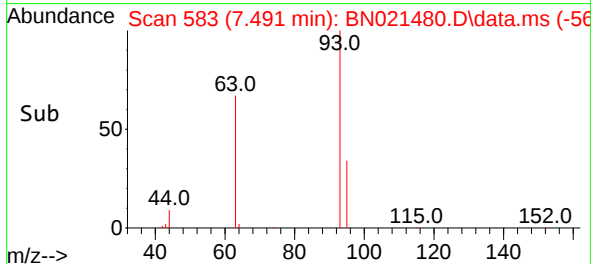
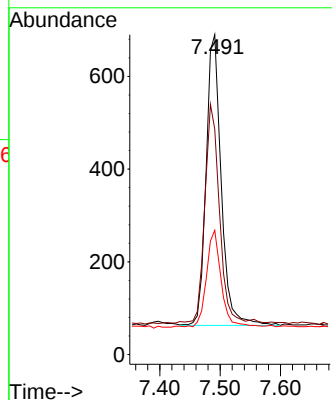
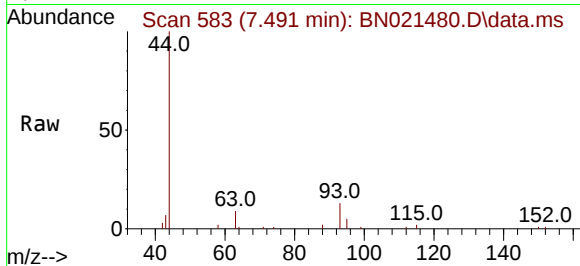




#6
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

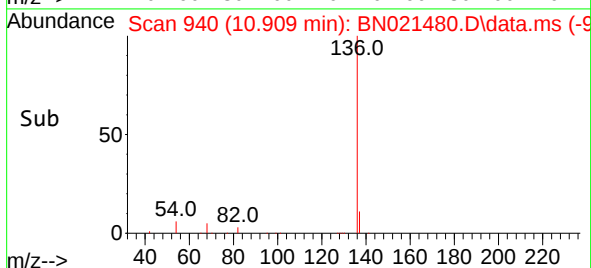
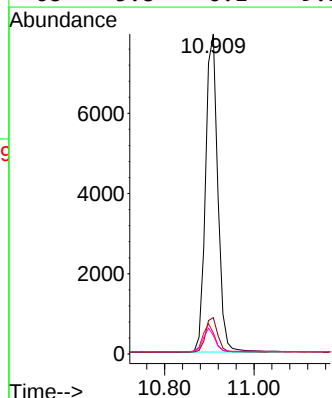
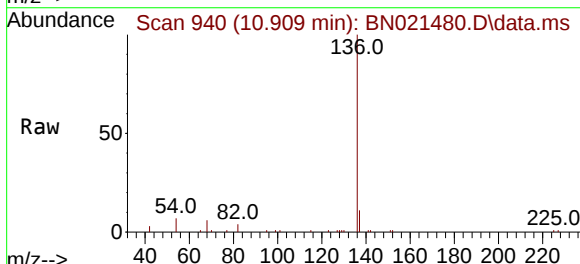
Instrument :
BNA_N
ClientSampleId :
RE104D2-20220822

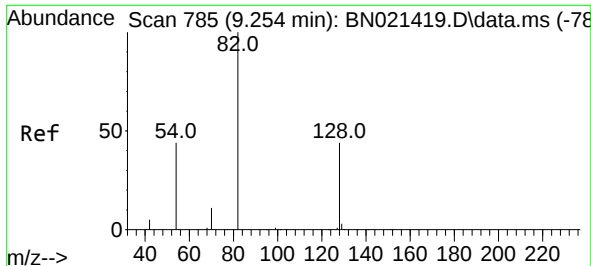
Tgt Ion:	93	Resp:	1089
Ion	Ratio	Lower	Upper
93	100		
63	73.1	57.8	86.8
95	32.0	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

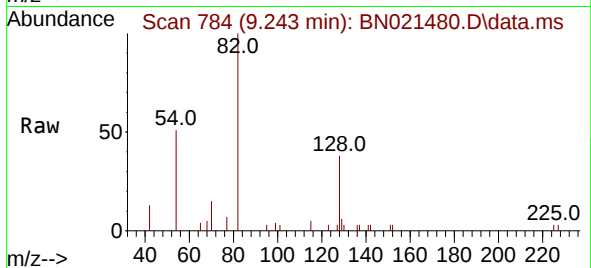
Tgt Ion:	136	Resp:	15064
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.6	6.9	10.3#
68	5.8	6.1	9.1#



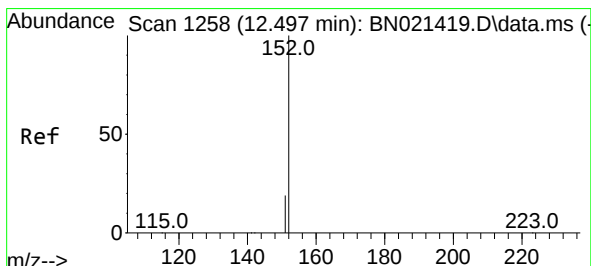
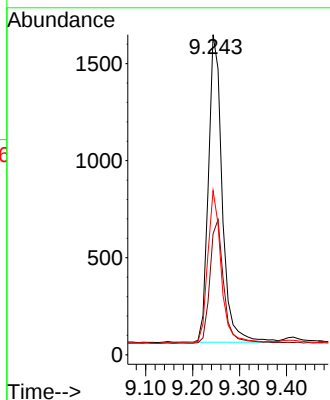
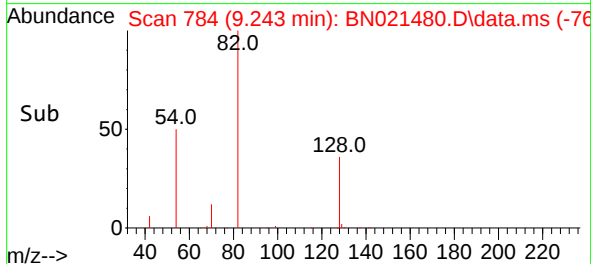


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.243 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Instrument :
BNA_N
ClientSampleId :
RE104D2-20220822

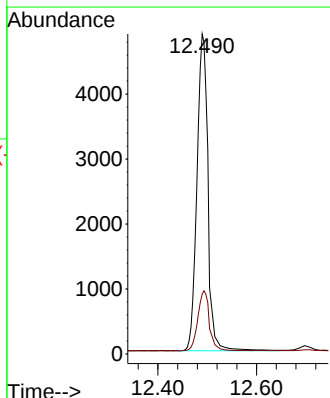
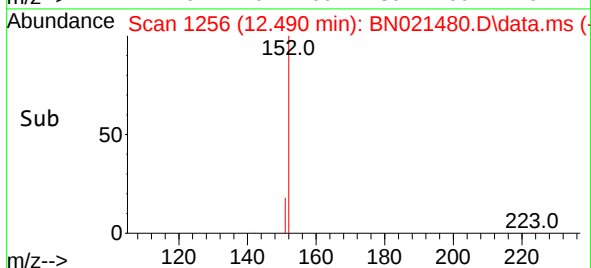
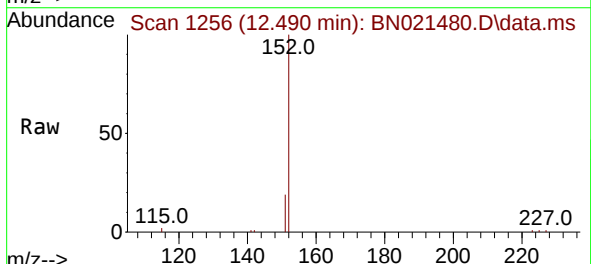


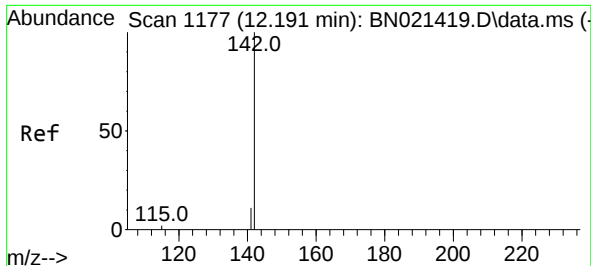
Tgt Ion: 82 Resp: 3223
Ion Ratio Lower Upper
82 100
128 37.8 30.9 46.3
54 51.3 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.490 min Scan# 1256
Delta R.T. -0.007 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion: 152 Resp: 12719
Ion Ratio Lower Upper
152 100
151 17.3 14.5 21.7

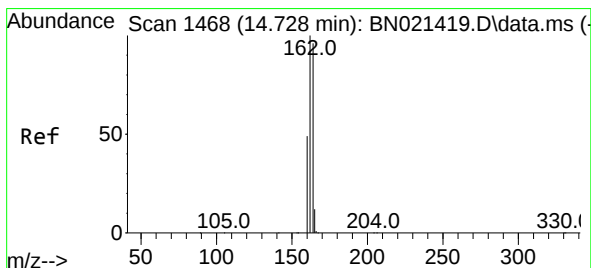
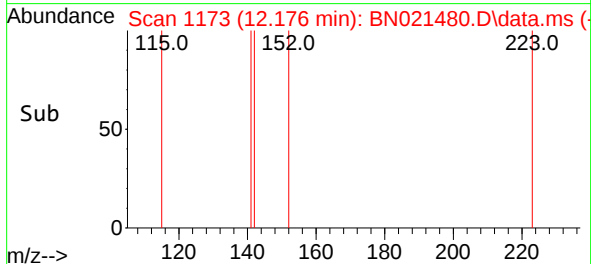
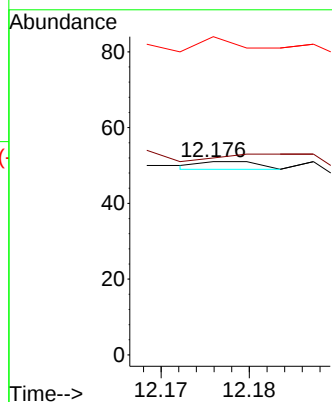
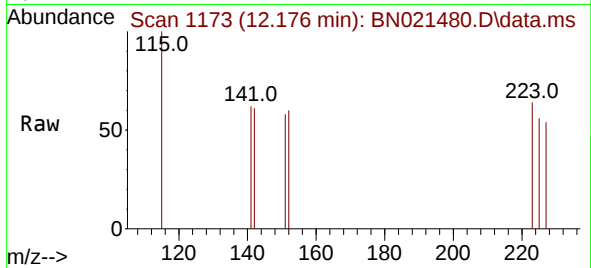




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.015 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

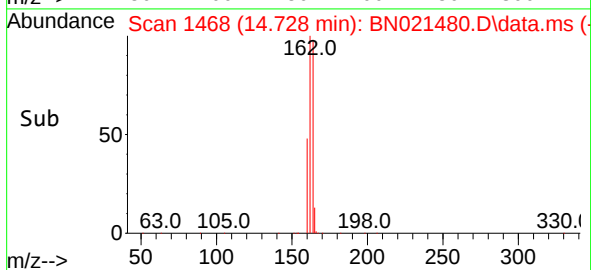
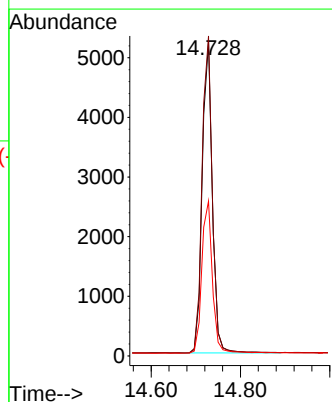
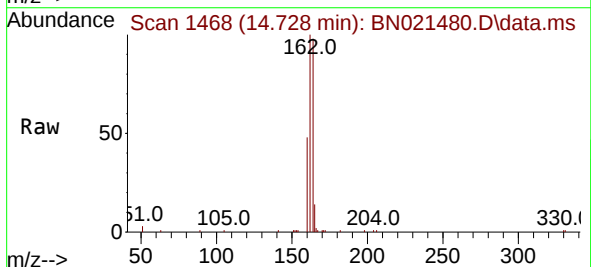
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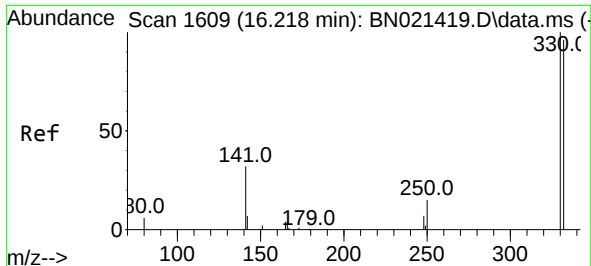
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 102.0 12.2 18.2#
115 164.7 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion:164 Resp: 8208
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.4
160 49.4 39.5 59.3

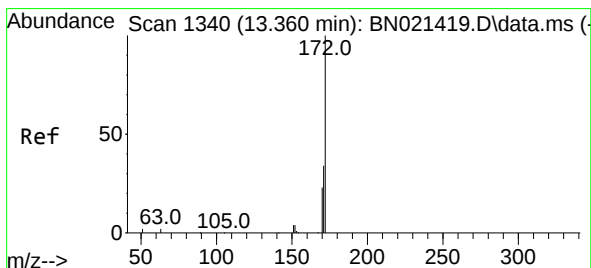
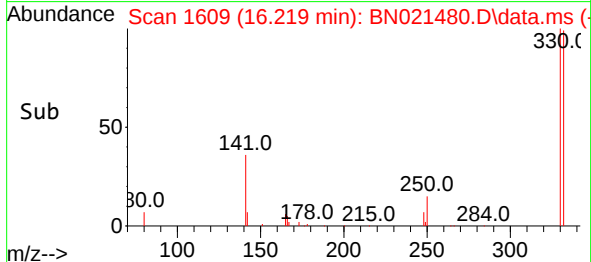
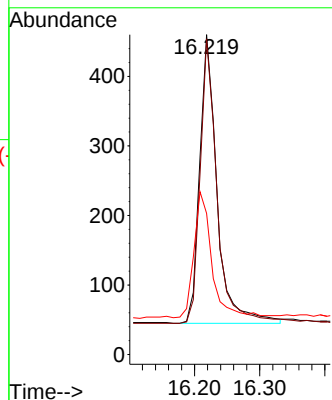
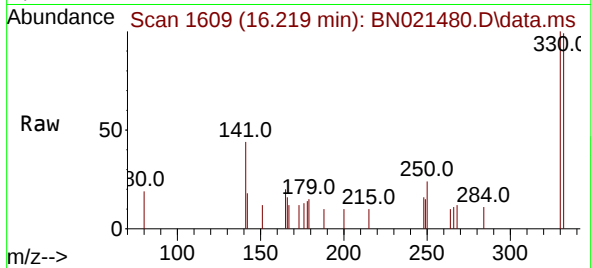




#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

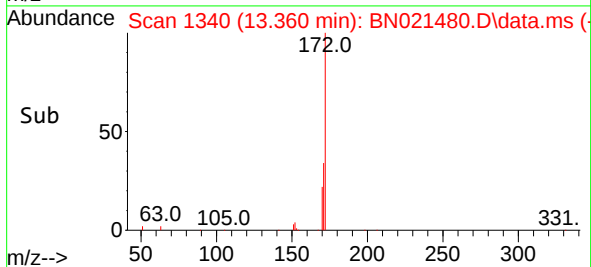
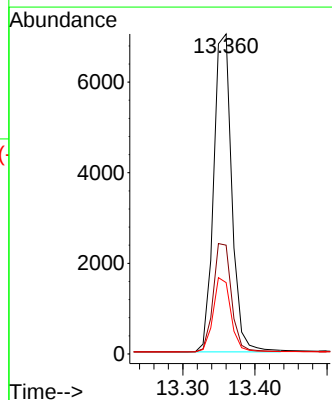
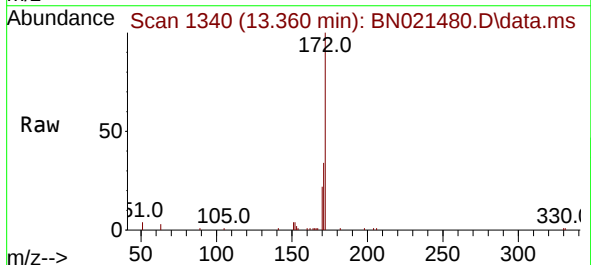
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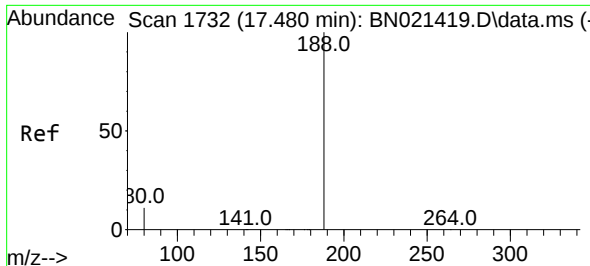
Tgt Ion:330 Resp: 770
Ion Ratio Lower Upper
330 100
332 95.1 79.3 118.9
141 44.9 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion:172 Resp: 12272
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 22.3 18.6 28.0

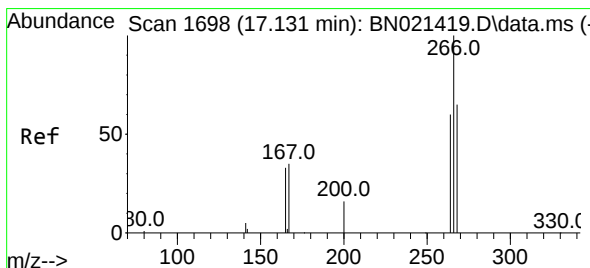
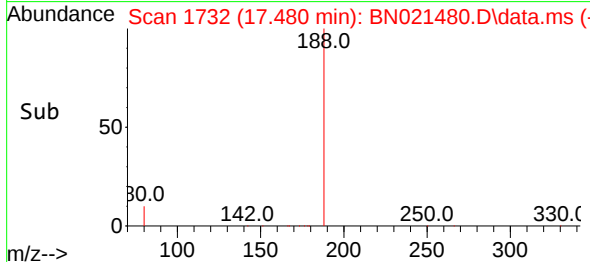
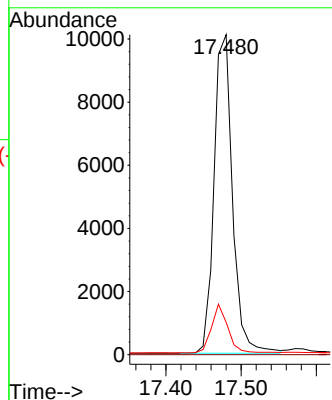
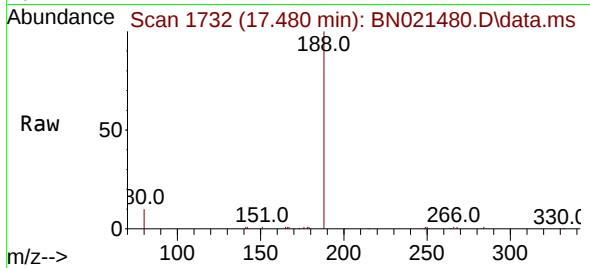




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

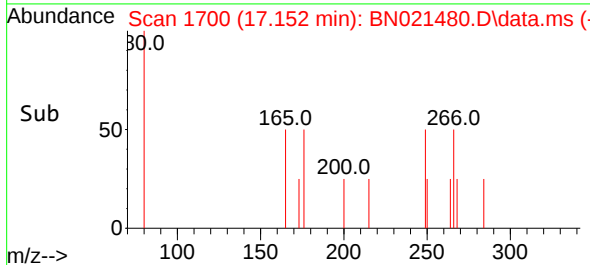
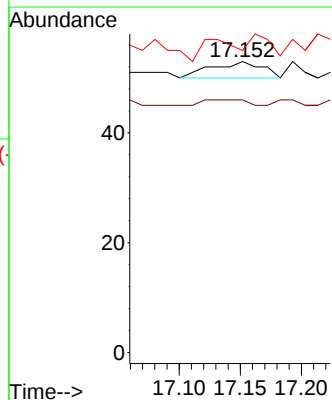
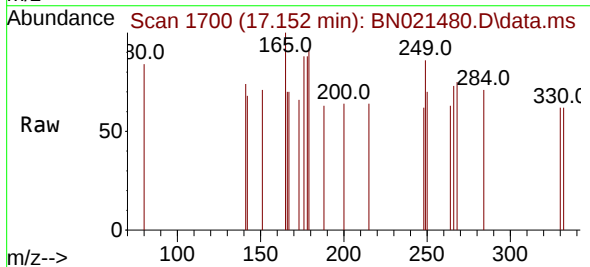
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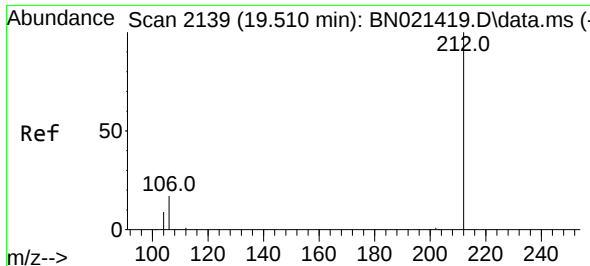
Tgt Ion:188 Resp: 17180
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.5 14.3



#24
Pentachlorophenol
Concen: 0.205 ng
RT: 17.152 min Scan# 1700
Delta R.T. 0.021 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 0.0 49.0 73.6#
268 44.4 50.9 76.3#

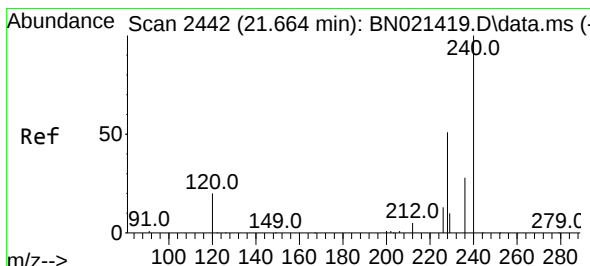
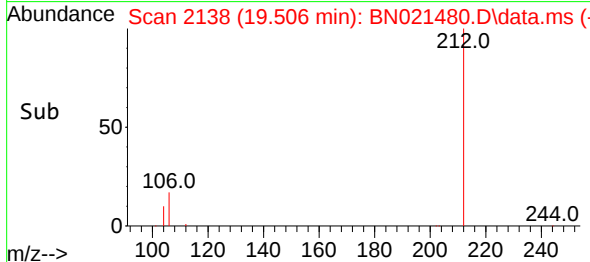
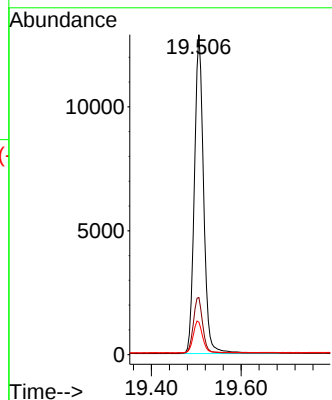
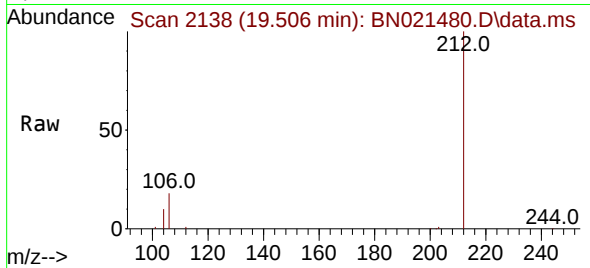




#27
Fluoranthene-d10
Concen: 0.416 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

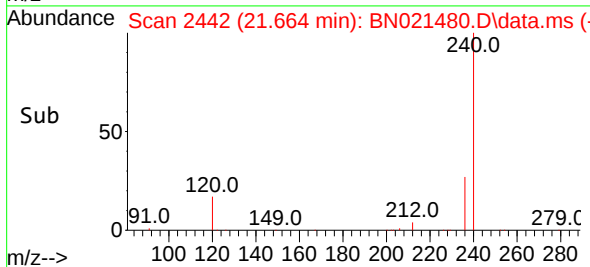
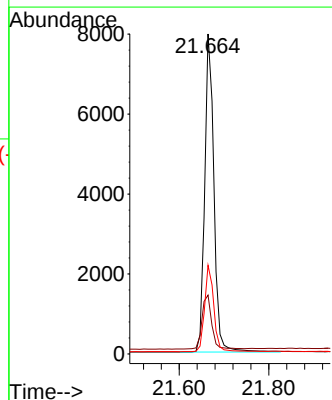
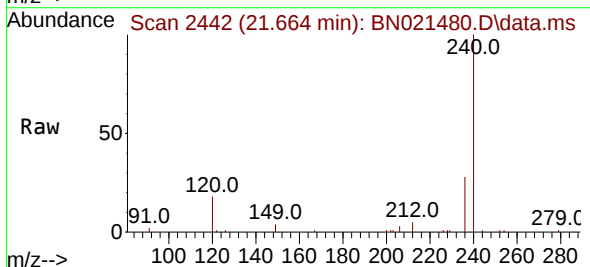
Instrument :
BNA_N
ClientSampleId :
RE104D2-20220822

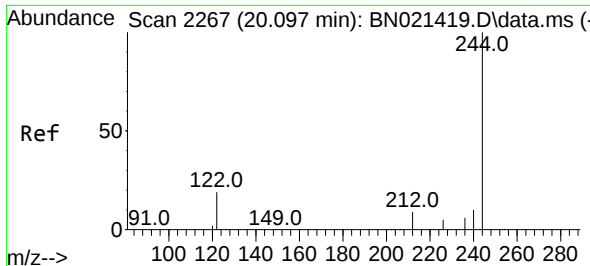
Tgt Ion:212 Resp: 18391
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021480.D
Acq: 31 Aug 2022 07:16

Tgt Ion:240 Resp: 11410
Ion Ratio Lower Upper
240 100
120 18.4 10.2 15.4#
236 27.7 22.1 33.1

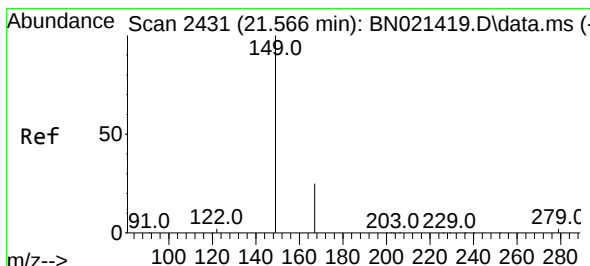
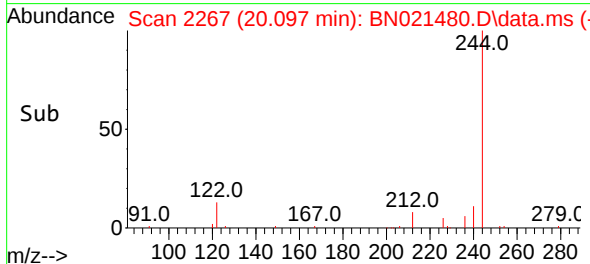
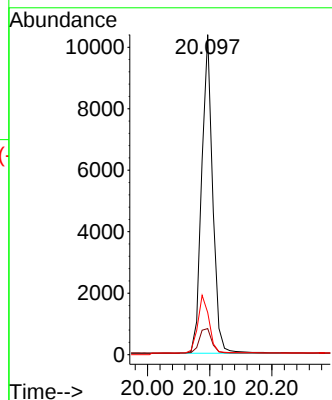
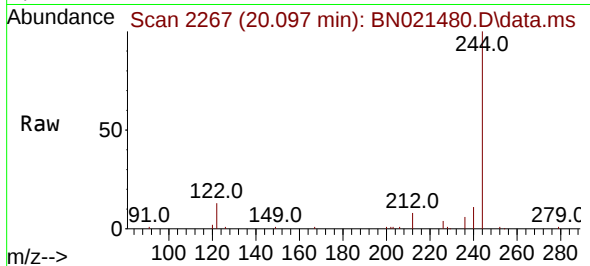




#31
 Terphenyl-d14
 Concen: 0.496 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021480.D
 Acq: 31 Aug 2022 07:16

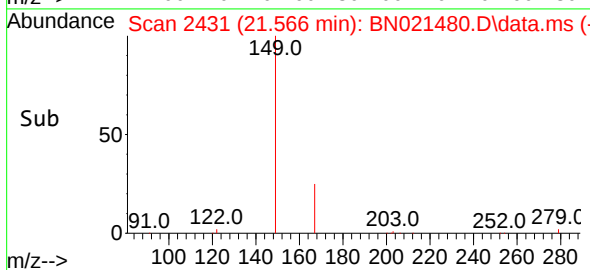
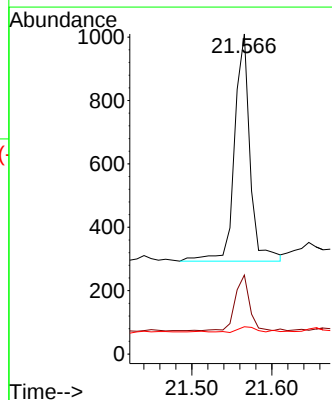
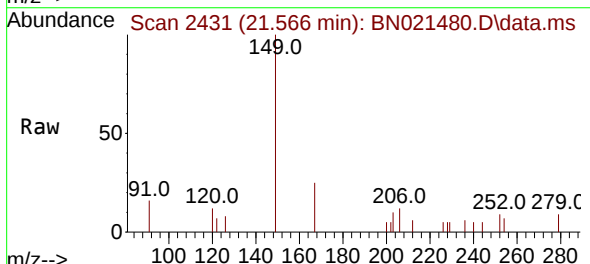
Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220822

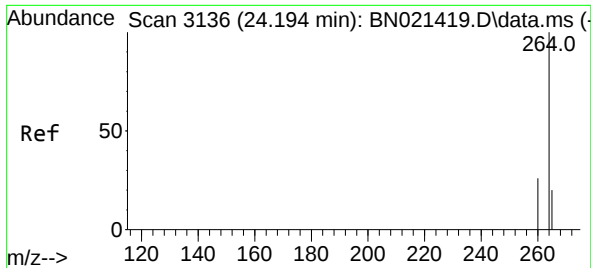
Tgt Ion:244 Resp: 12710
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 13.1 9.1 13.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021480.D
 Acq: 31 Aug 2022 07:16

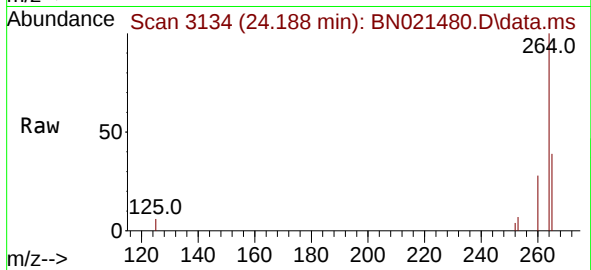
Tgt Ion:149 Resp: 961
 Ion Ratio Lower Upper
 149 100
 167 22.3 21.4 32.0
 279 2.2 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021480.D
 Acq: 31 Aug 2022 07:16

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20220822



Tgt Ion:264 Resp: 7963

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.0	31.6
265	38.8	32.2	48.2

