

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021440.D
 Acq On : 30 Aug 2022 03:37
 Operator : CG/JU
 Sample : N4281-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20220818

Quant Time: Aug 30 04:16:18 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)

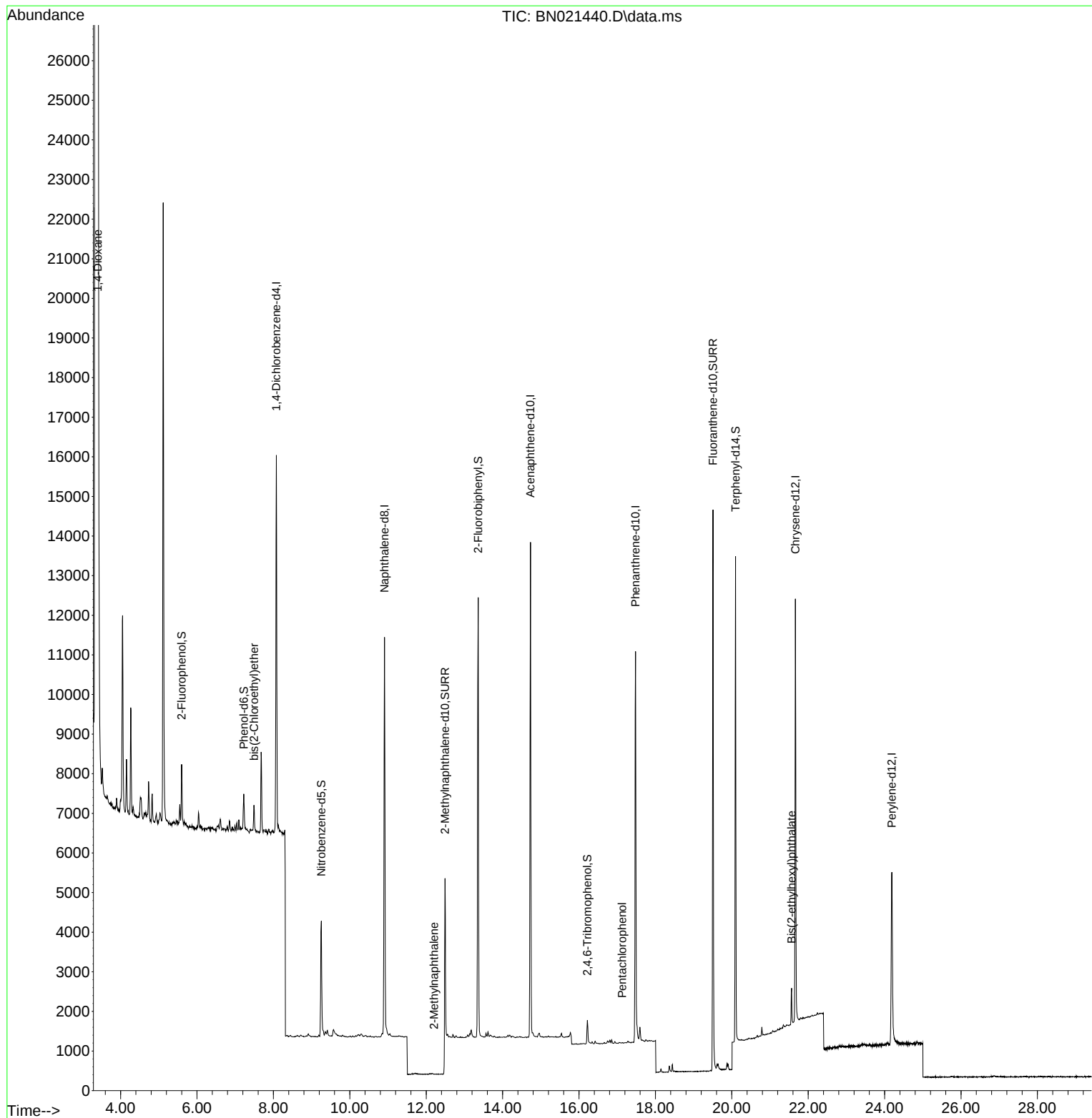
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4514	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	13791	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7035	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14490	0.400	ng	0.00
29) Chrysene-d12	21.664	240	9987	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7074	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1278	0.145	ng	0.00
5) Phenol-d6	7.224	99	924	0.082	ng	0.00
8) Nitrobenzene-d5	9.254	82	2769	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10613	0.341	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	389	0.168	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10092	0.328	ng	0.00
27) Fluoranthene-d10	19.506	212	15417	0.414	ng	0.00
31) Terphenyl-d14	20.097	244	10494	0.468	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	29106	5.155	ng	# 91
6) bis(2-Chloroethyl)ether	7.491	93	504	0.036	ng	89
12) 2-Methylnaphthalene	12.202	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	3	0.203	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.566	149	1033	0.074	ng	# 94

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

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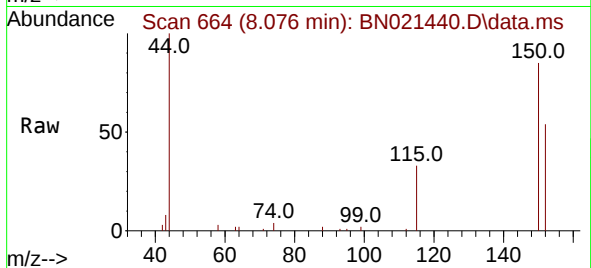
Quant Time: Aug 30 04:16:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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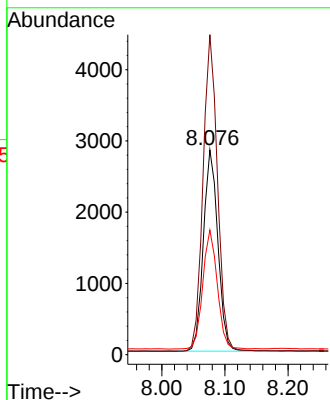
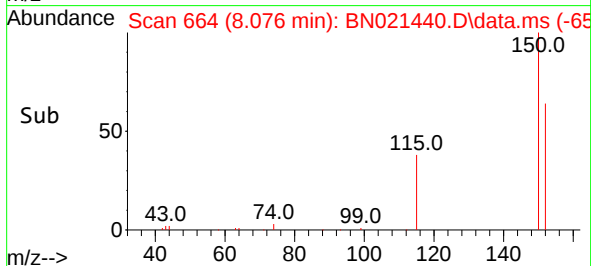


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Instrument :
BNA_N
ClientSampleId :
RE132D6-20220818

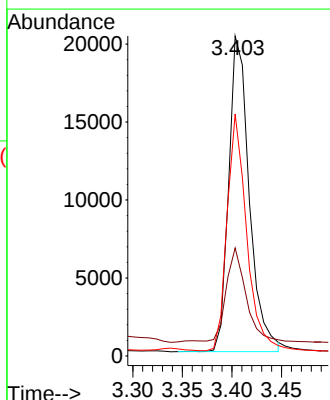
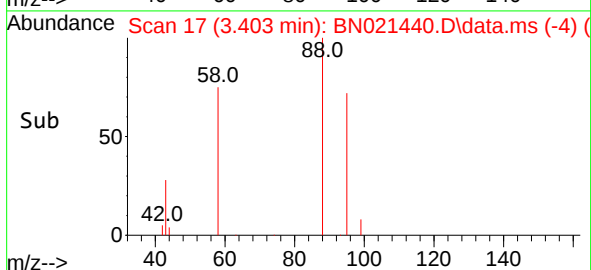
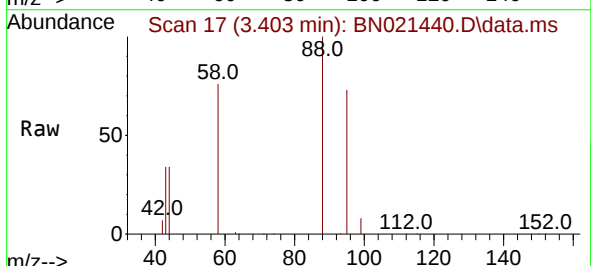


Tgt Ion:152 Resp: 4514
Ion Ratio Lower Upper
152 100
150 156.2 121.4 182.0
115 60.9 48.6 72.8



#2
1,4-Dioxane
Concen: 5.155 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion: 88 Resp: 29106
Ion Ratio Lower Upper
88 100
43 29.7 35.8 53.8#
58 71.1 57.1 85.7

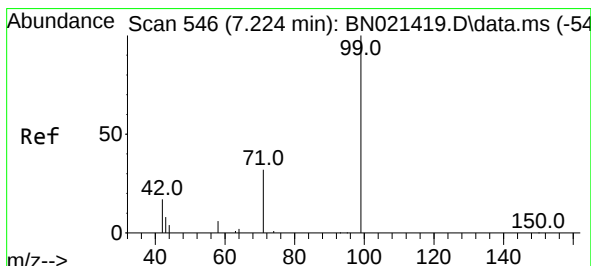
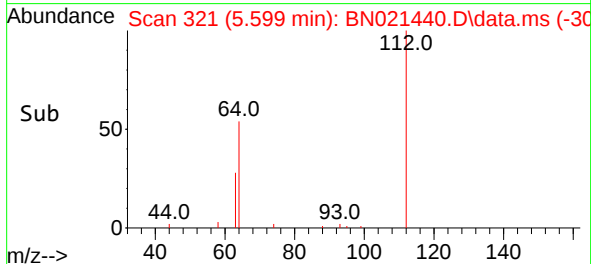
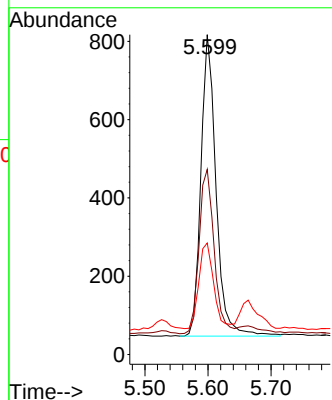
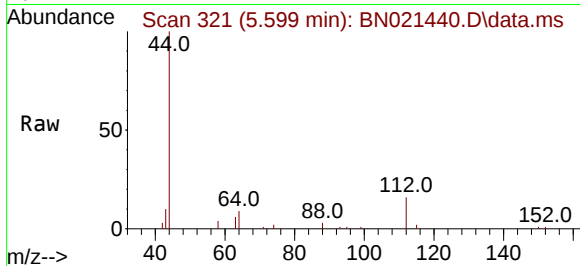




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

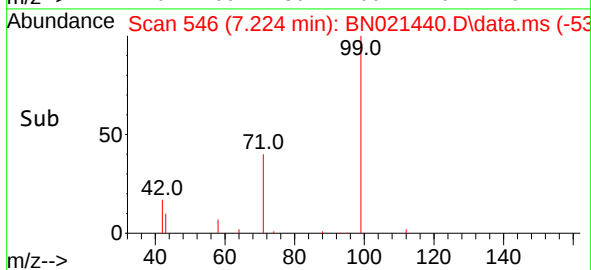
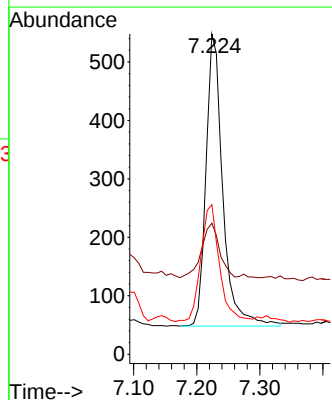
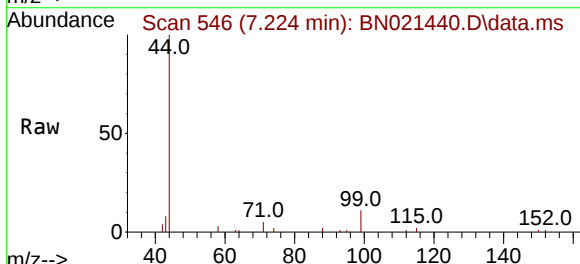
Instrument :
BNA_N
ClientSampleId :
RE132D6-20220818

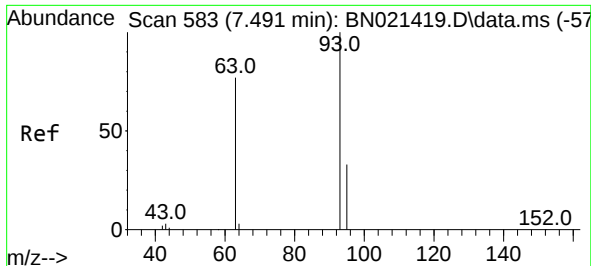
Tgt Ion:112 Resp: 1278
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 27.8 22.6 34.0



#5
Phenol-d6
Concen: 0.082 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion: 99 Resp: 924
Ion Ratio Lower Upper
99 100
42 19.9 15.5 23.3
71 44.3 24.2 36.2#

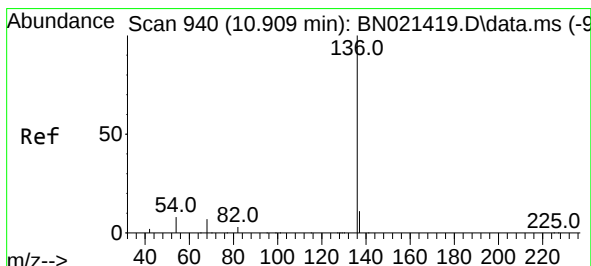
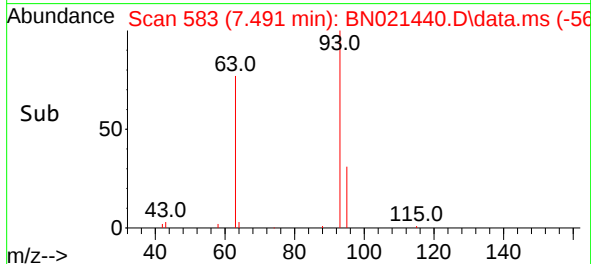
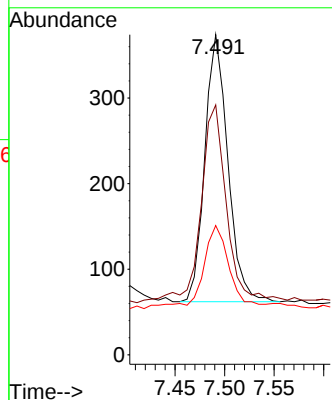
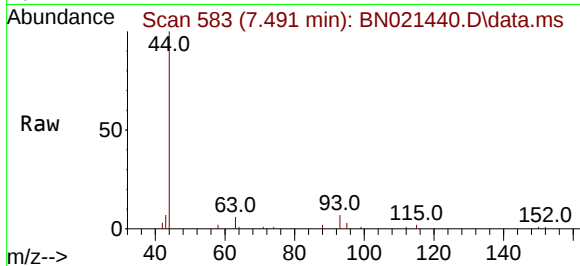




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.491 min Scan# 583
Delta R.T. -0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

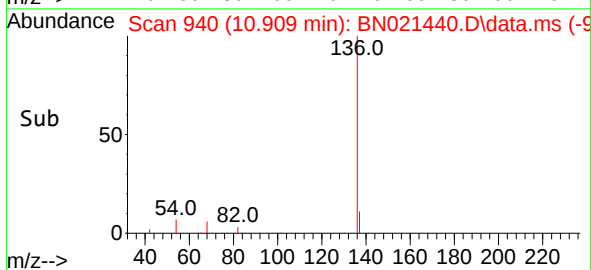
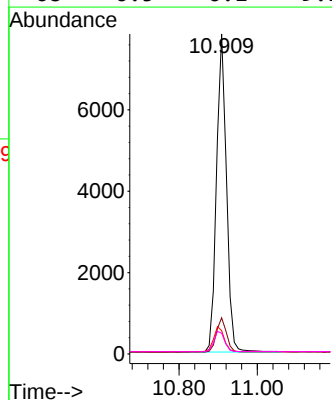
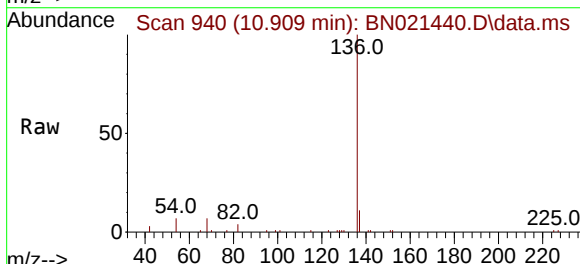
Instrument :
BNA_N
ClientSampleId :
RE132D6-20220818

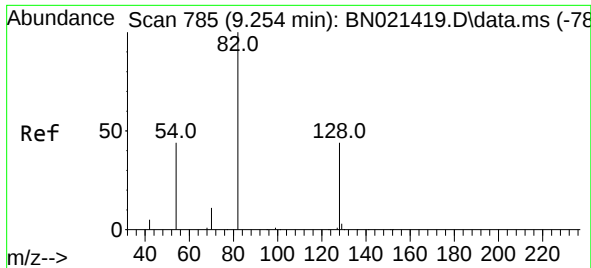
Tgt Ion: 93	Resp: 504
Ion Ratio	Lower Upper
93 100	
63 83.3	57.8 86.8
95 36.1	25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt	Ion:136	Resp:	13791
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.3	6.9	10.3
68	6.5	6.1	9.1

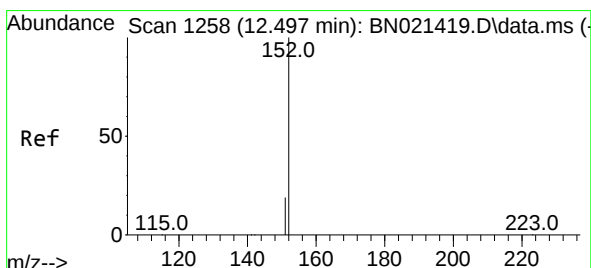
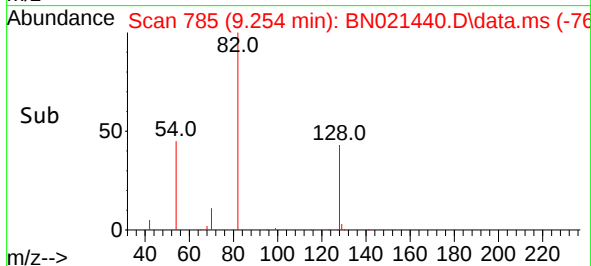
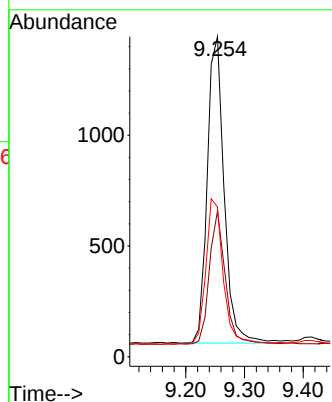
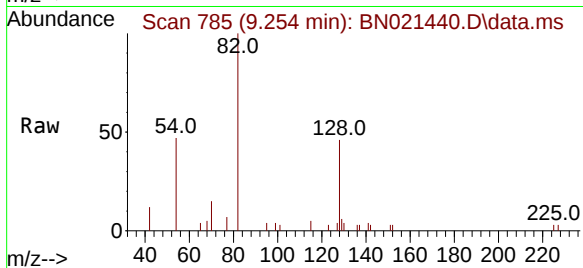




#8
 Nitrobenzene-d5
 Concen: 0.297 ng
 RT: 9.254 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: BN021440.D
 Acq: 30 Aug 2022 03:37

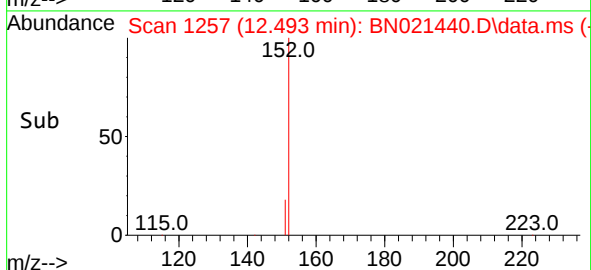
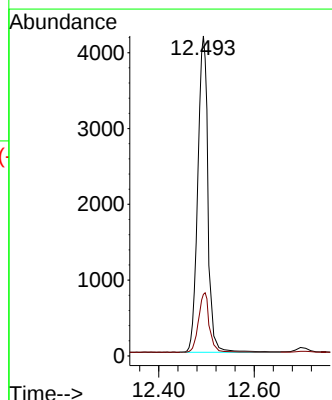
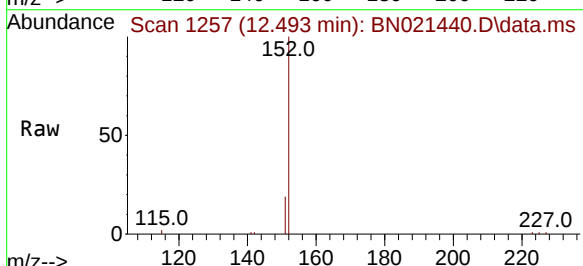
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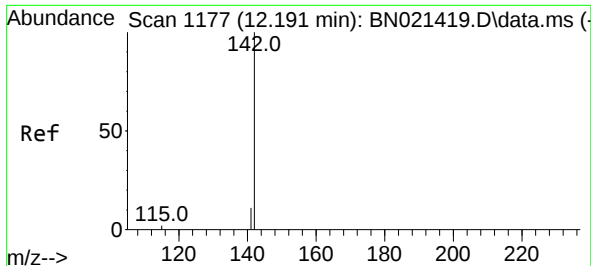
Tgt Ion:	82	Resp:	2769
Ion	Ratio	Lower	Upper
82	100		
128	45.5	30.9	46.3
54	46.8	42.7	64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 12.493 min Scan# 1257
 Delta R.T. -0.004 min
 Lab File: BN021440.D
 Acq: 30 Aug 2022 03:37

Tgt Ion:	152	Resp:	10613
Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.5	21.7

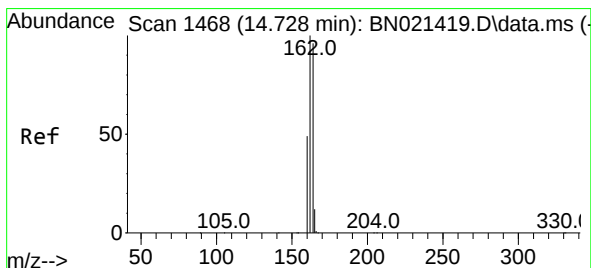
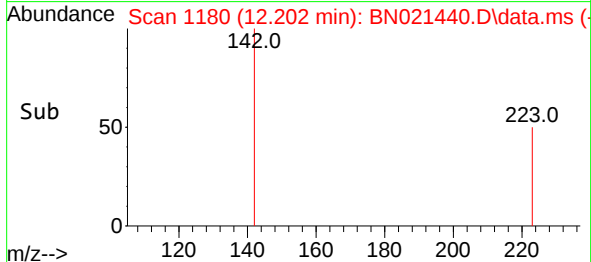
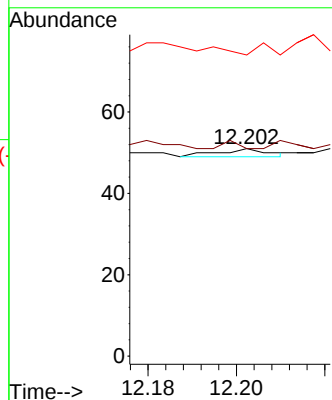
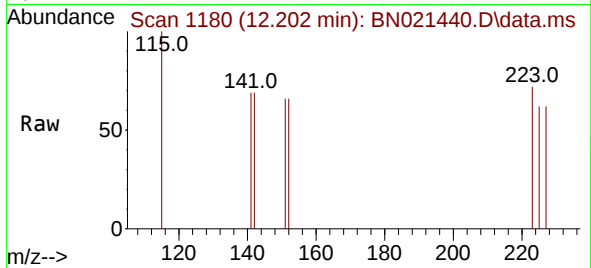




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.202 min Scan# 1177
Delta R.T. 0.011 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

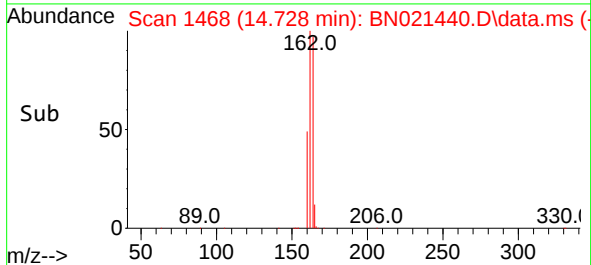
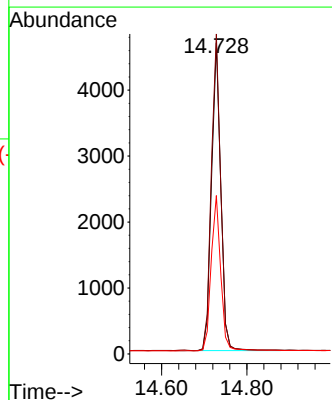
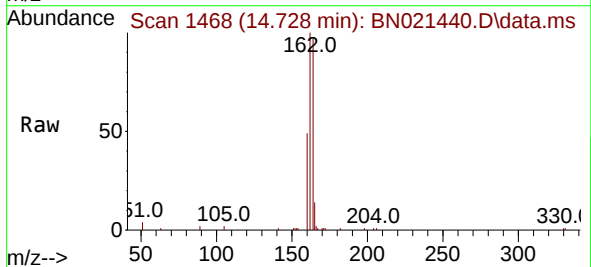
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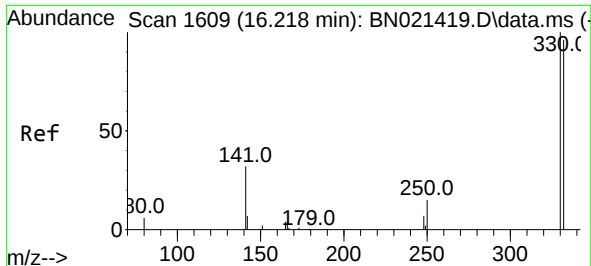
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 145.1 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion:164 Resp: 7035
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 50.9 39.5 59.3

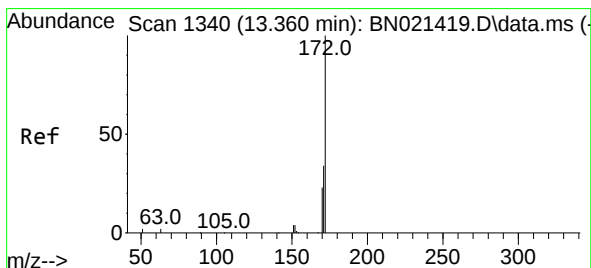
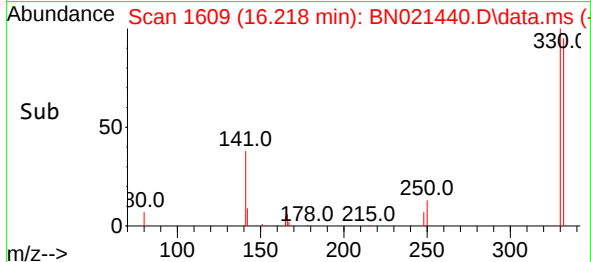
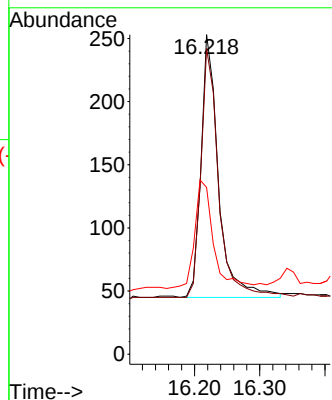
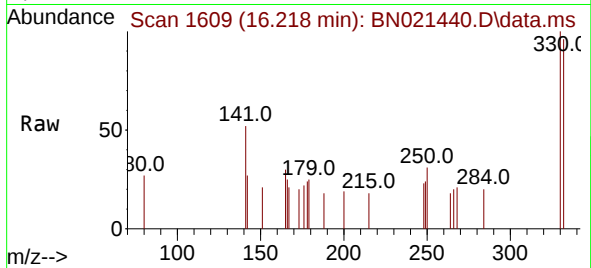




#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

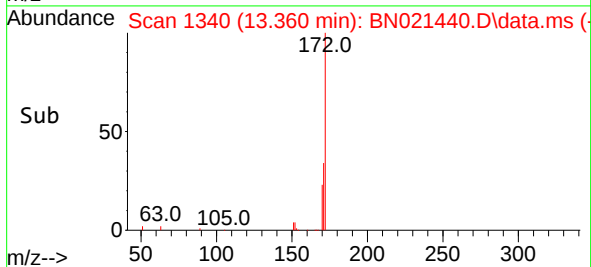
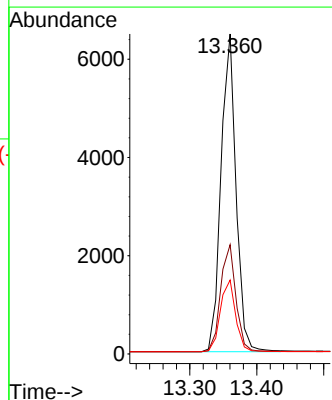
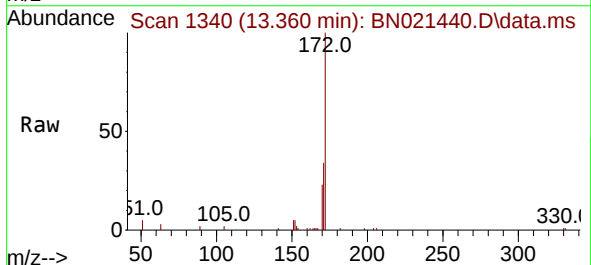
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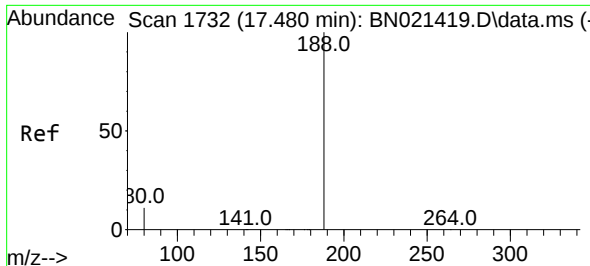
Tgt Ion:330 Resp: 389
Ion Ratio Lower Upper
330 100
332 94.9 79.3 118.9
141 44.2 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion:172 Resp: 10092
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.1 18.6 28.0

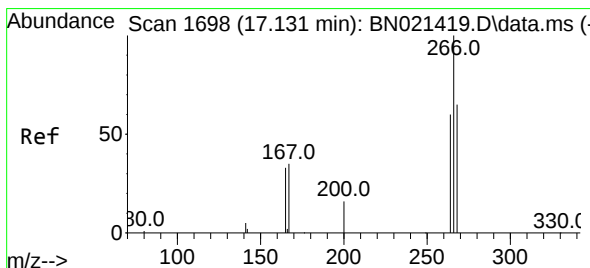
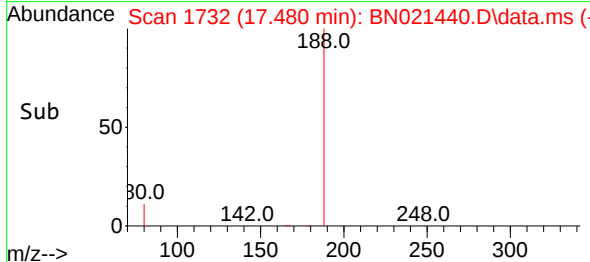
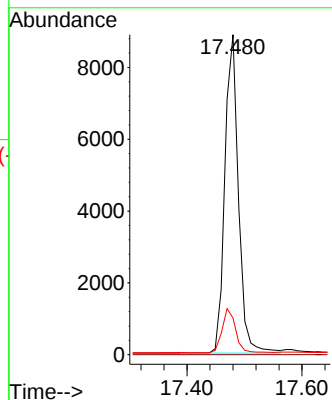
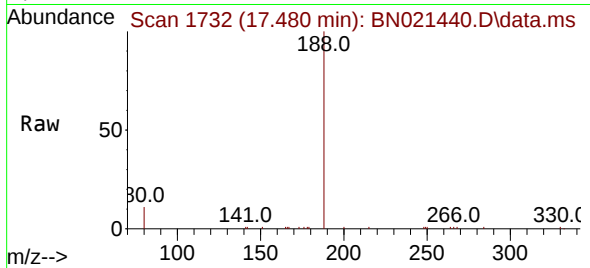




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

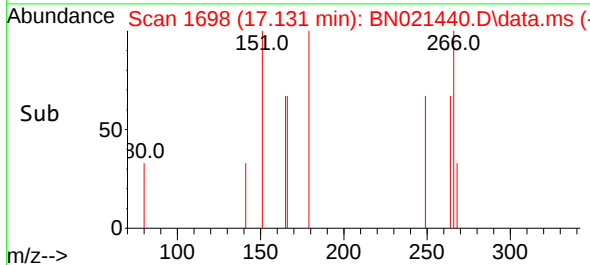
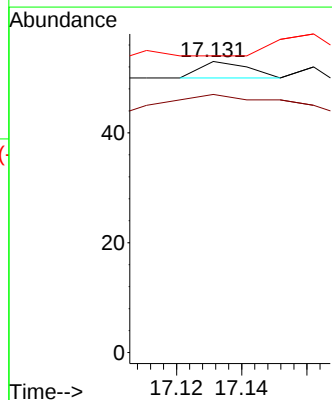
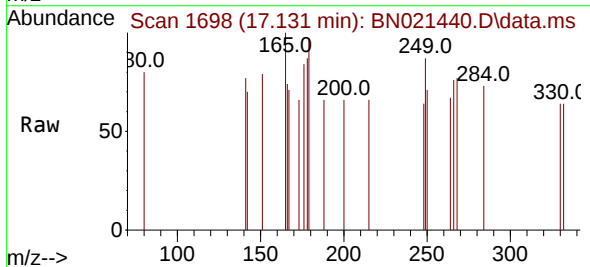
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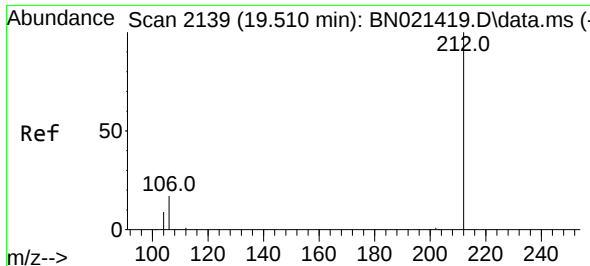
Tgt Ion:188 Resp: 14490
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 9.5 14.3



#24
Pentachlorophenol
Concen: 0.203 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 133.3 49.0 73.6#
268 0.0 50.9 76.3#

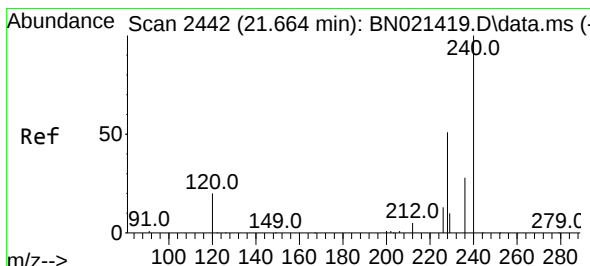
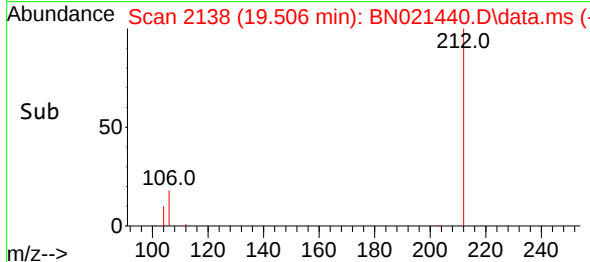
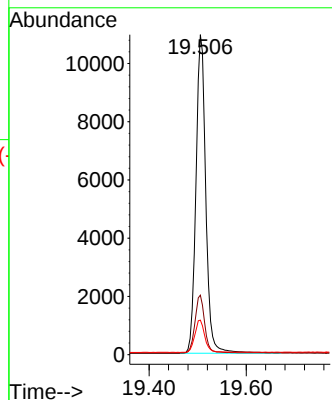
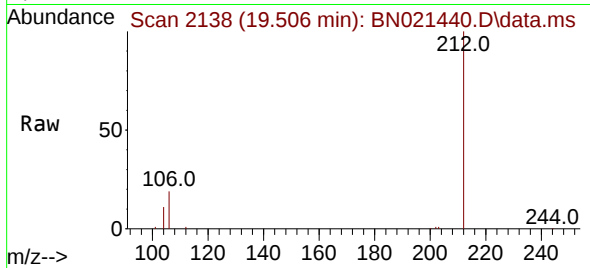




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

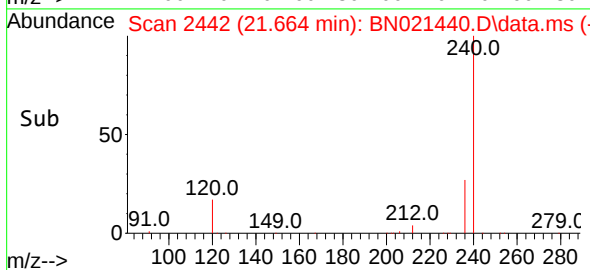
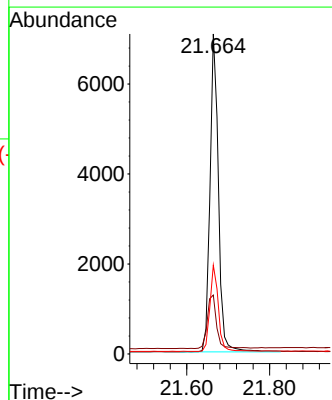
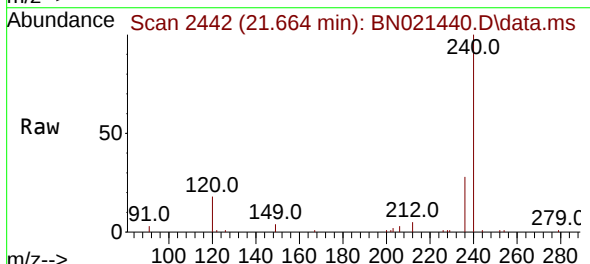
Instrument :
BNA_N
ClientSampleId :
RE132D6-20220818

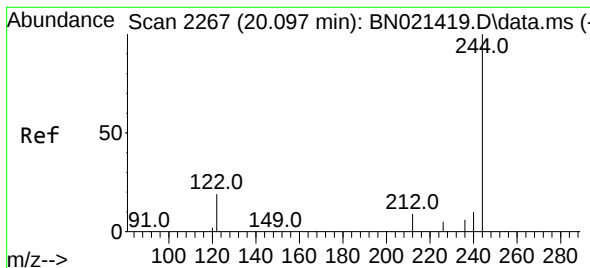
Tgt Ion:212 Resp: 15417
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021440.D
Acq: 30 Aug 2022 03:37

Tgt Ion:240 Resp: 9987
Ion Ratio Lower Upper
240 100
120 18.4 10.2 15.4#
236 27.8 22.1 33.1





#31

Terphenyl-d14

Concen: 0.468 ng

RT: 20.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN021440.D

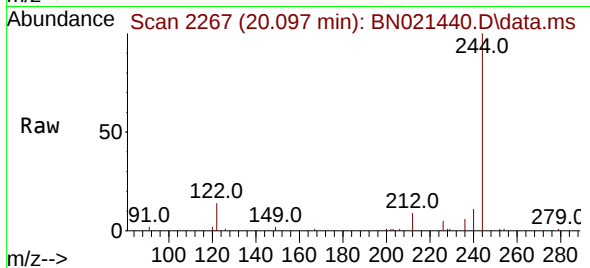
Acq: 30 Aug 2022 03:37

Instrument :

BNA_N

ClientSampleId :

RE132D6-20220818



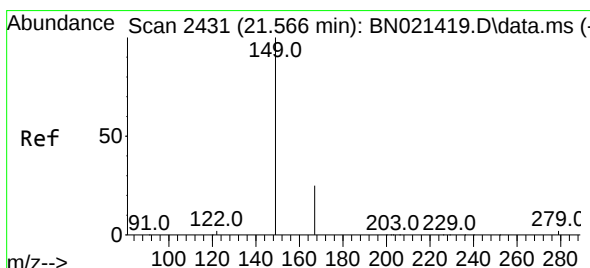
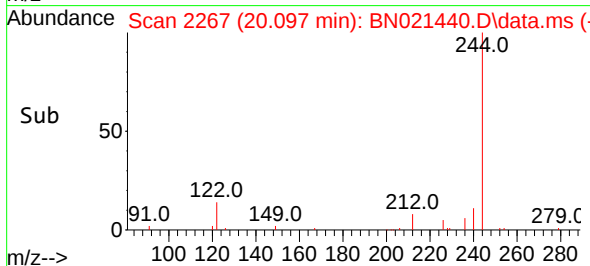
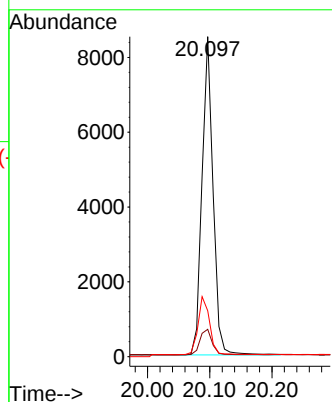
Tgt Ion:244 Resp: 10494

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 14.3 9.1 13.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.074 ng

RT: 21.566 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN021440.D

Acq: 30 Aug 2022 03:37

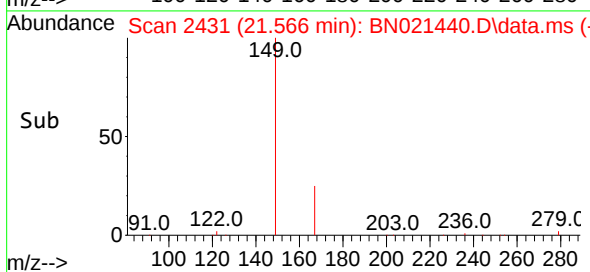
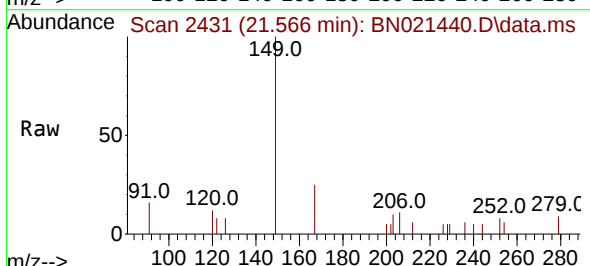
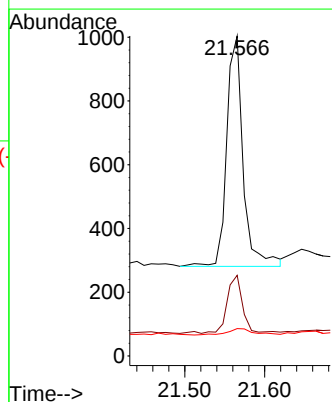
Tgt Ion:149 Resp: 1033

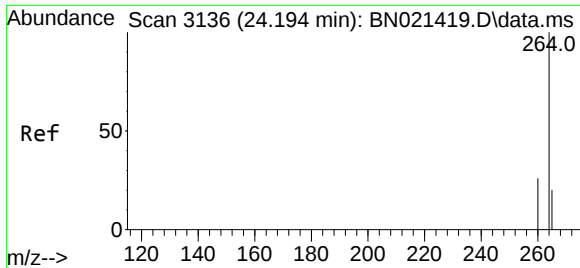
Ion Ratio Lower Upper

149 100

167 23.4 21.4 32.0

279 4.5 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: BN021440.D

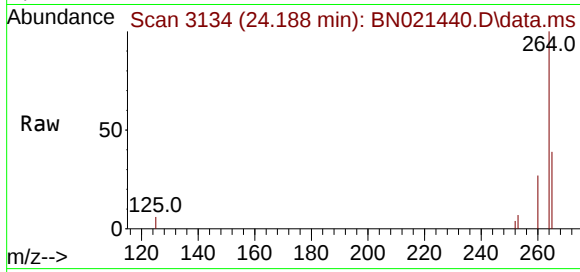
Acq: 30 Aug 2022 03:37

Instrument :

BNA_N

ClientSampleId :

RE132D6-20220818



Tgt Ion:264 Resp: 7074

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.6

265 38.9 32.2 48.2

