

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021442.D
 Acq On : 30 Aug 2022 04:52
 Operator : CG/JU
 Sample : N4280-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220818

Quant Time: Aug 30 05:44:16 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)

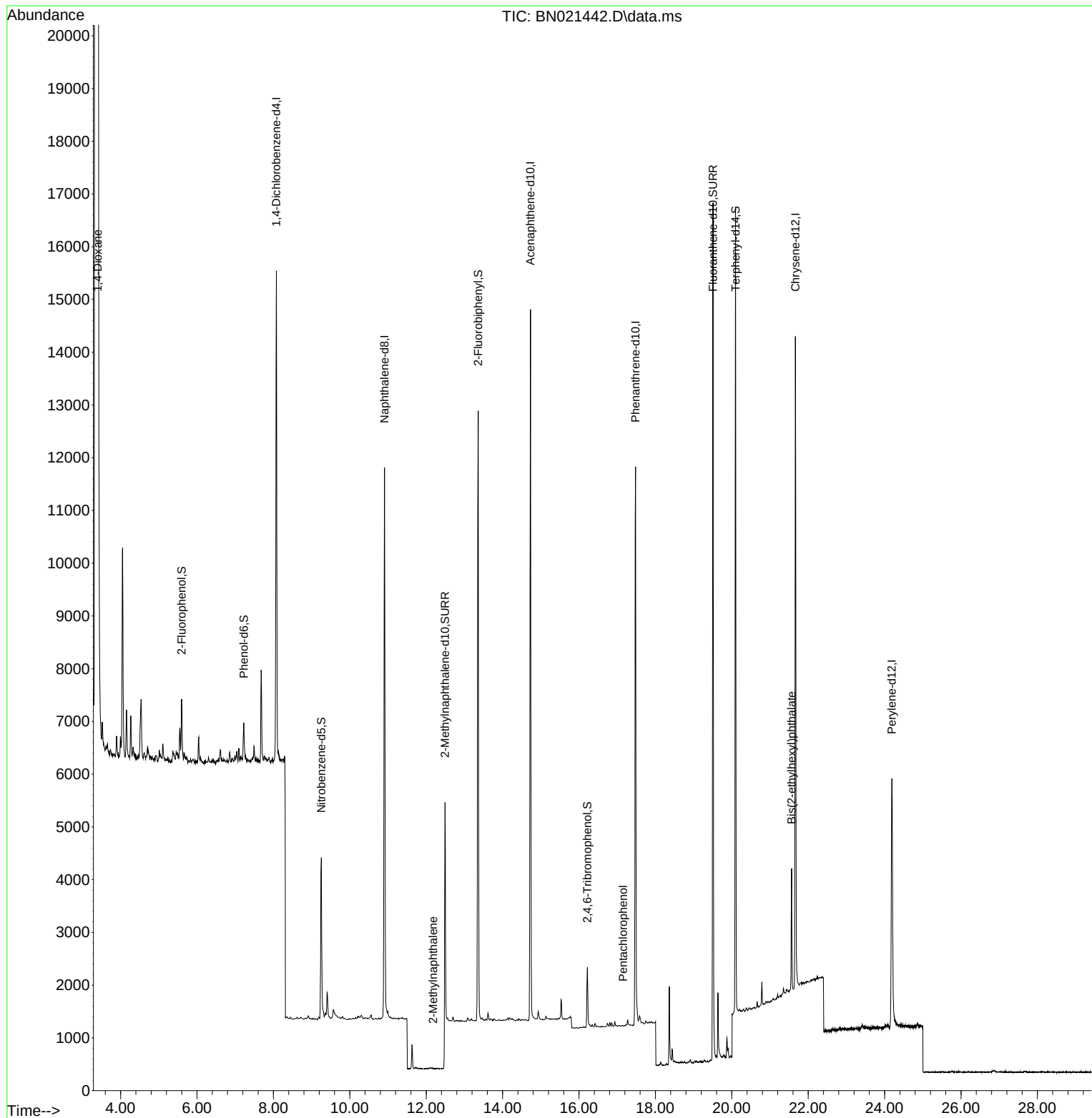
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4429	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14154	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7378	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15245	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11645	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8031	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1050	0.121	ng	0.00
5) Phenol-d6	7.224	99	740	0.067	ng	0.00
8) Nitrobenzene-d5	9.254	82	2885	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	10594	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	691	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10582	0.328	ng	0.00
27) Fluoranthene-d10	19.505	212	17182	0.438	ng	0.00
31) Terphenyl-d14	20.097	244	12655	0.484	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	27278	4.924	ng	# 90
12) 2-Methylnaphthalene	12.180	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	2	0.203	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.565	149	2216	0.136	ng	# 96

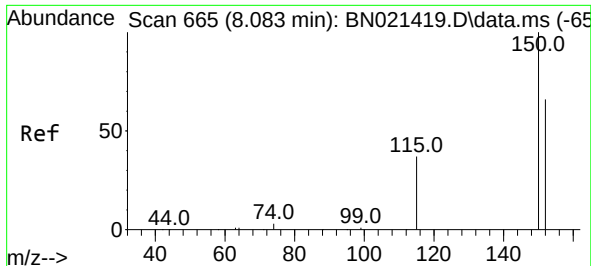
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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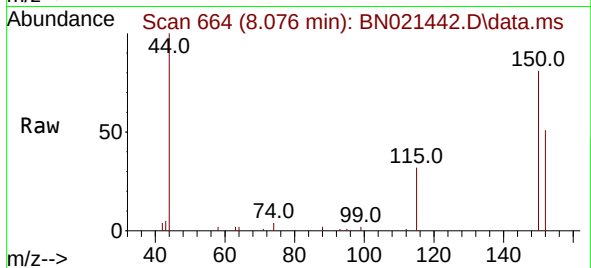
Quant Time: Aug 30 05:44:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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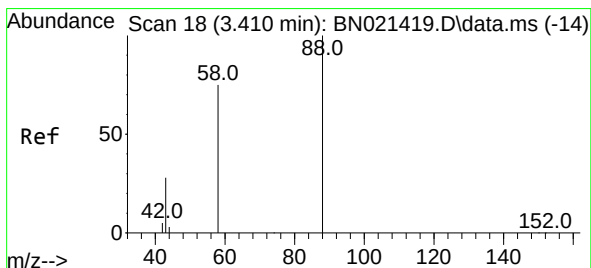
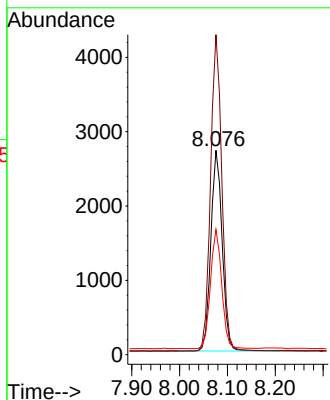
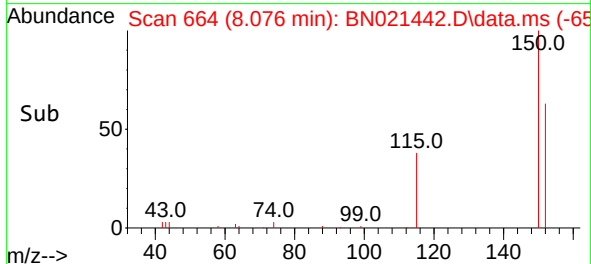


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021442.D
 Acq: 30 Aug 2022 04:52

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220818

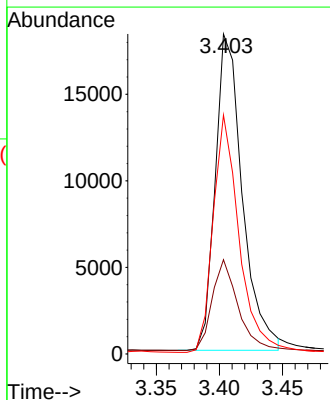
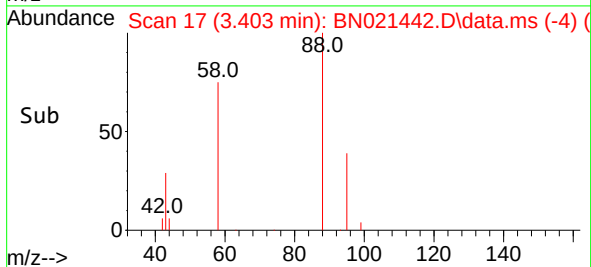
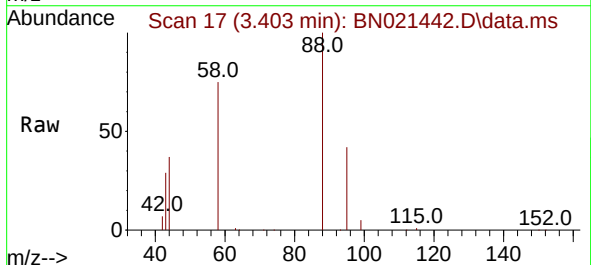


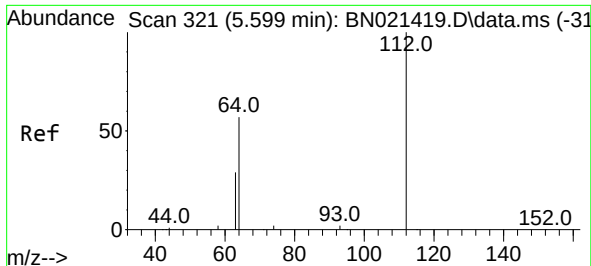
Tgt Ion:152 Resp: 4429
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.4 182.0
 115 61.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 4.924 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021442.D
 Acq: 30 Aug 2022 04:52

Tgt Ion: 88 Resp: 27278
 Ion Ratio Lower Upper
 88 100
 43 27.4 35.8 53.8#
 58 71.4 57.1 85.7

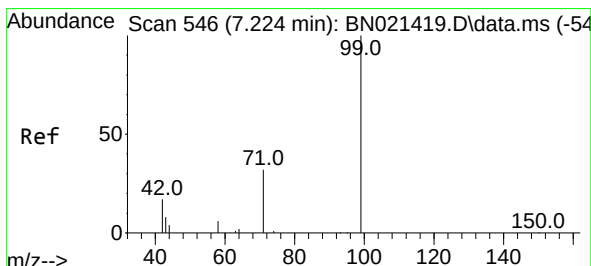
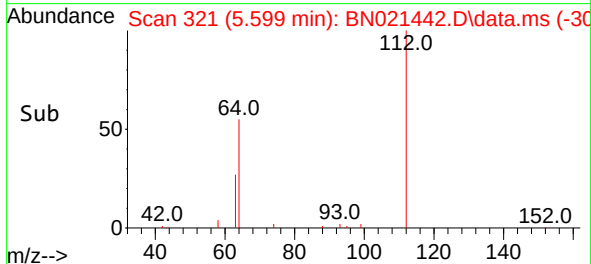
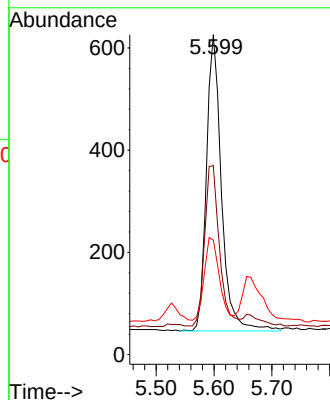
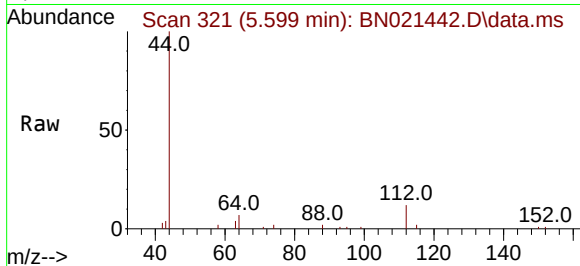




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

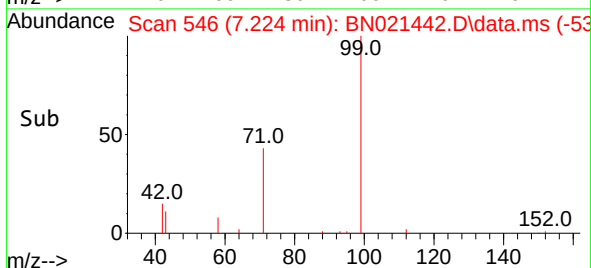
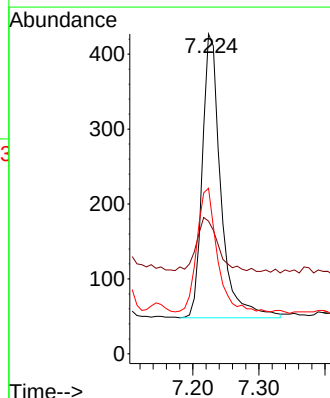
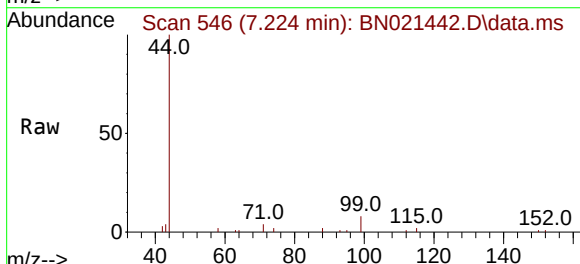
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220818

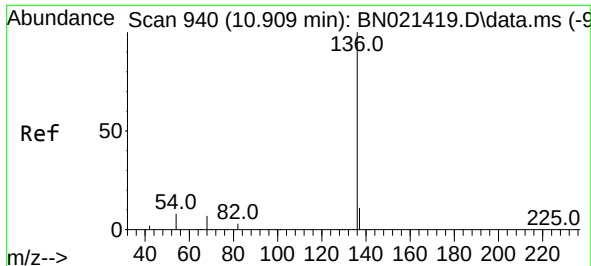
Tgt Ion:112 Resp: 1050
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 27.9 22.6 34.0



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

Tgt Ion: 99 Resp: 740
Ion Ratio Lower Upper
99 100
42 21.8 15.5 23.3
71 47.3 24.2 36.2#

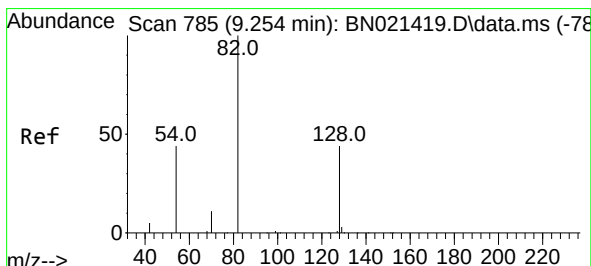
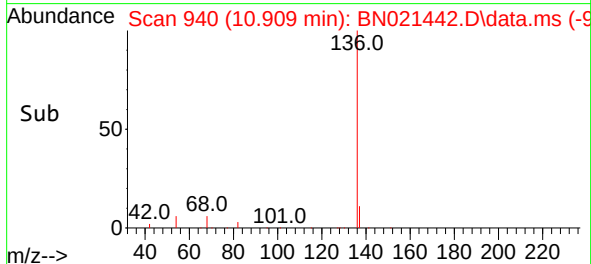
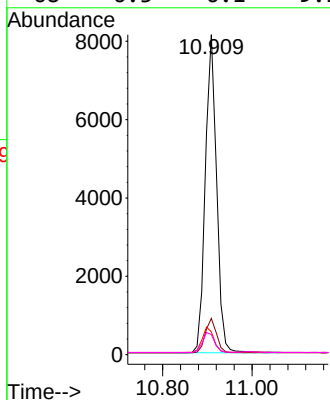
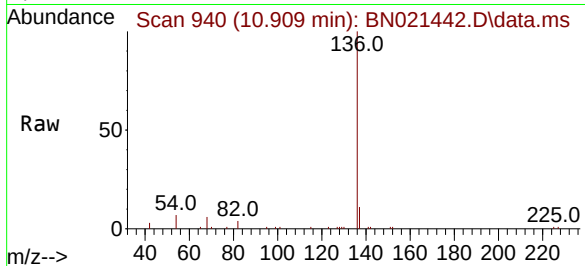




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

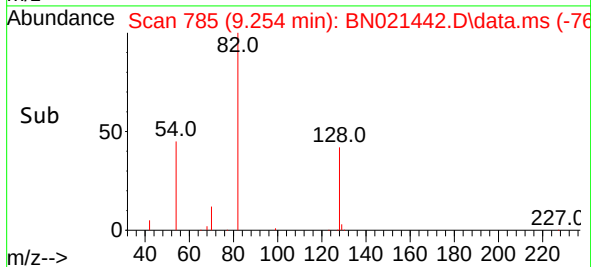
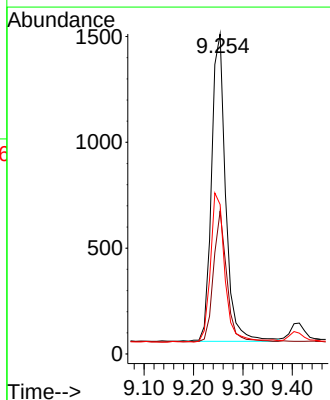
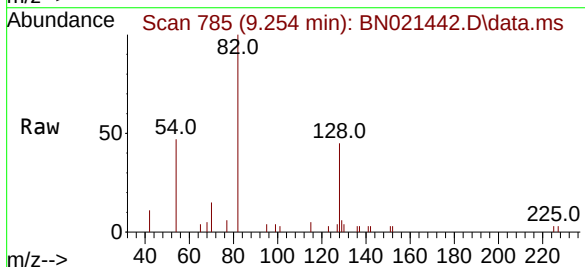
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220818

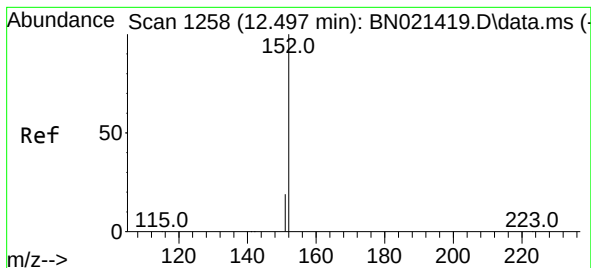
Tgt Ion:	136	Resp:	14154
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	7.1	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

Tgt Ion:	82	Resp:	2885
Ion Ratio	Lower	Upper	
82	100		
128	44.6	30.9	46.3
54	46.7	42.7	64.1

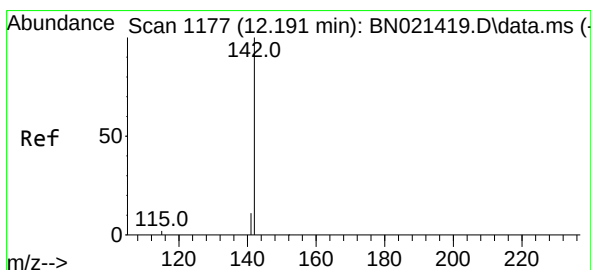
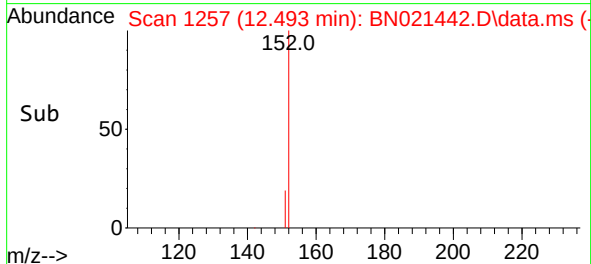
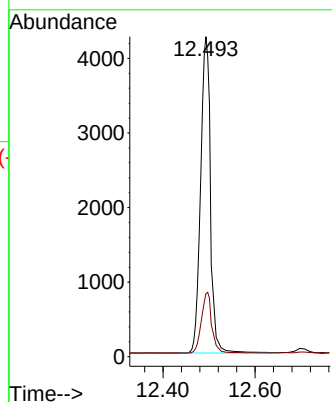
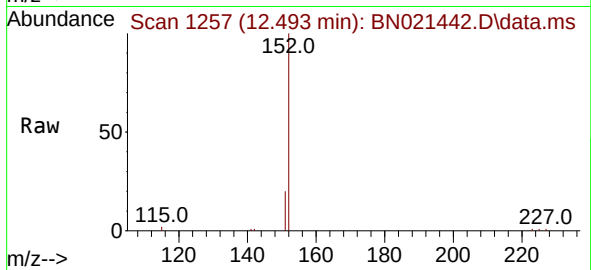




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.493 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

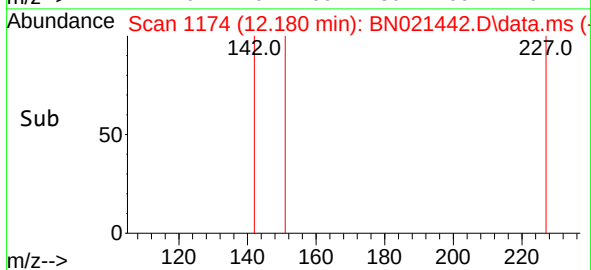
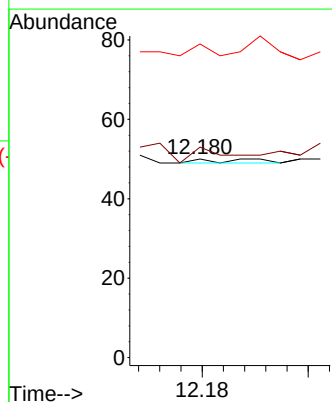
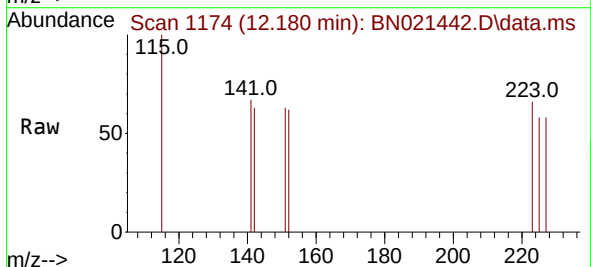
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220818

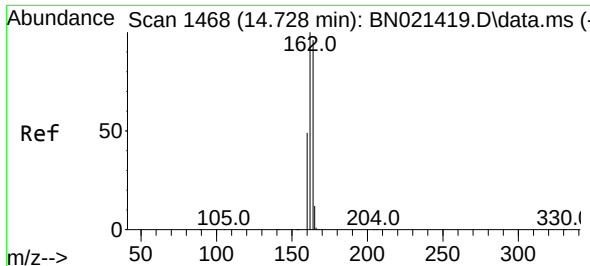
Tgt Ion:152 Resp: 10594
Ion Ratio Lower Upper
152 100
151 19.4 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 106.0 12.2 18.2#
115 158.0 7.9 11.9#

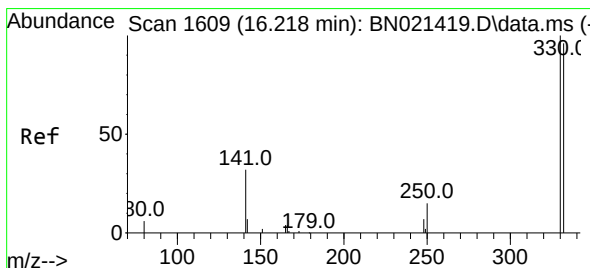
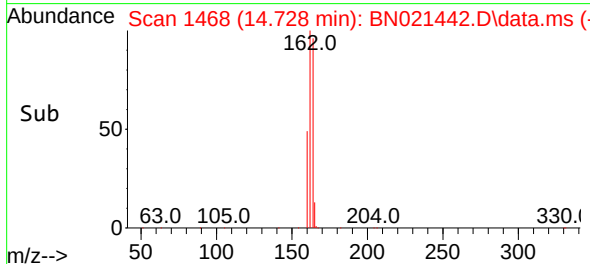
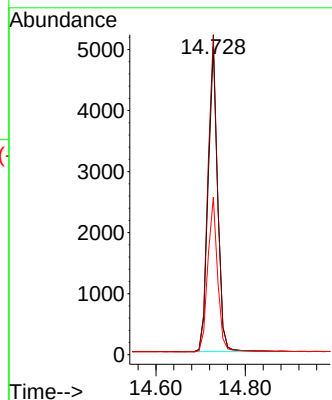
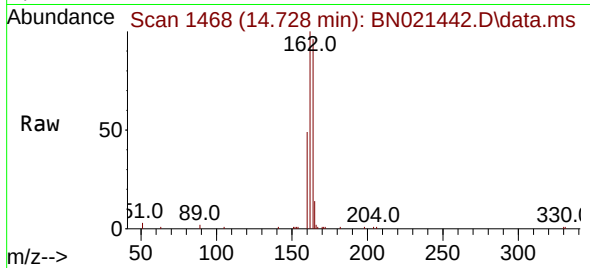




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

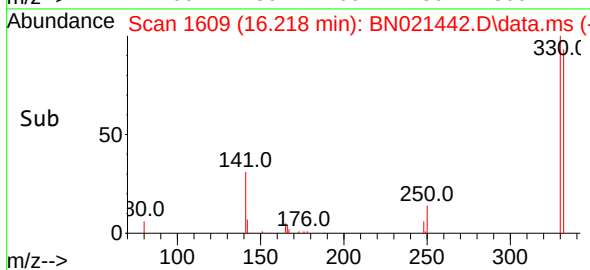
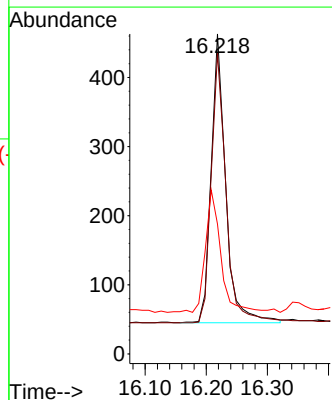
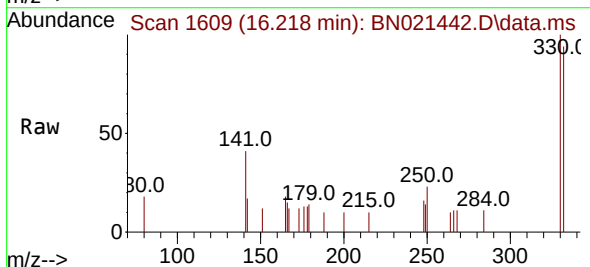
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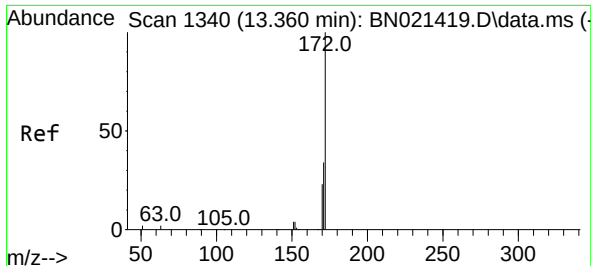
Tgt Ion:	164	Resp:	7378
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	51.1	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021442.D
Acq: 30 Aug 2022 04:52

Tgt Ion:	330	Resp:	691
Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.3	118.9
141	45.0	37.1	55.7





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 13.360 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN021442.D

Acq: 30 Aug 2022 04:52

Instrument :

BNA_N

ClientSampleId :

RE103D1-20220818

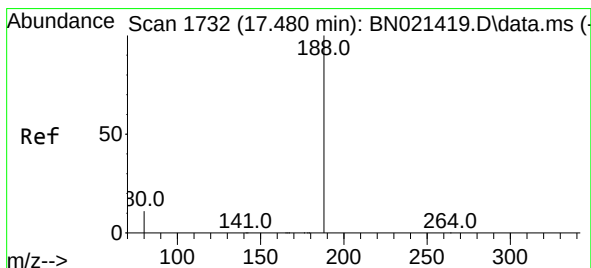
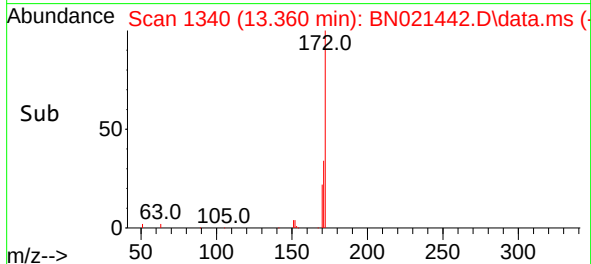
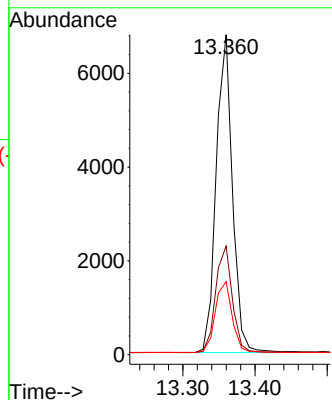
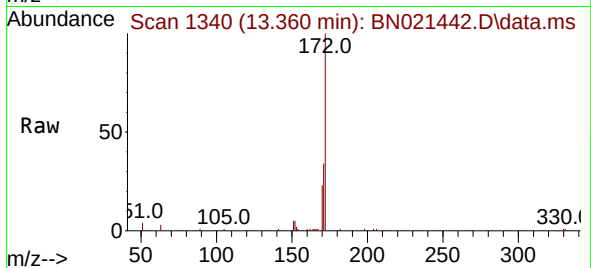
Tgt Ion:172 Resp: 10582

Ion Ratio Lower Upper

172 100

171 34.0 27.8 41.6

170 22.8 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: BN021442.D

Acq: 30 Aug 2022 04:52

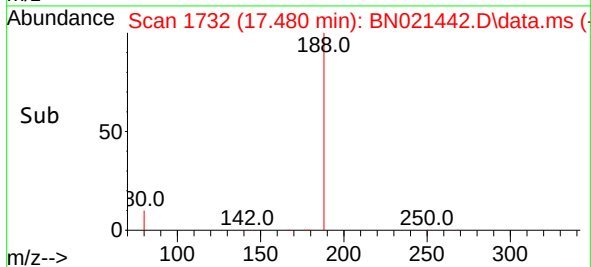
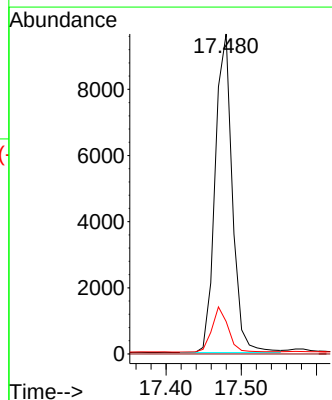
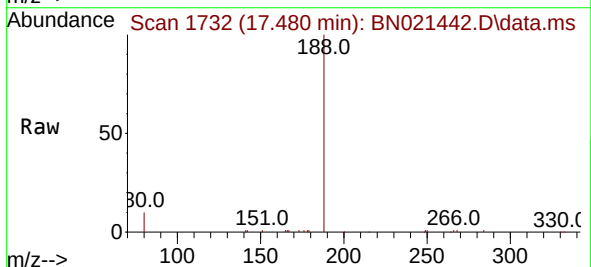
Tgt Ion:188 Resp: 15245

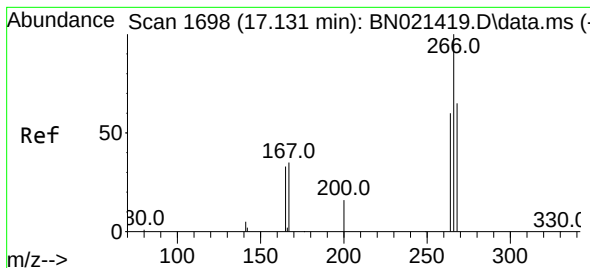
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 9.5 14.3





#24

Pentachlorophenol

Concen: 0.203 ng

RT: 17.152 min Scan# 1

Delta R.T. 0.021 min

Lab File: BN021442.D

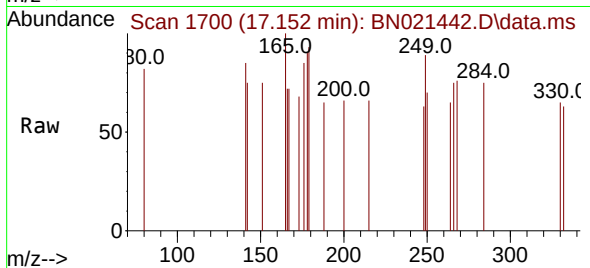
Acq: 30 Aug 2022 04:52

Instrument :

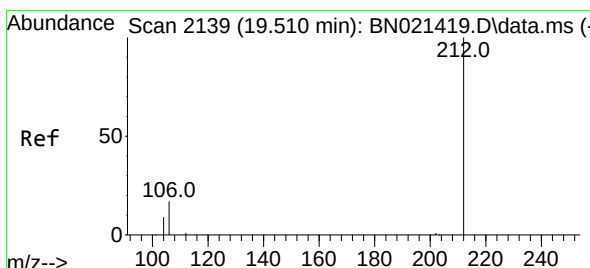
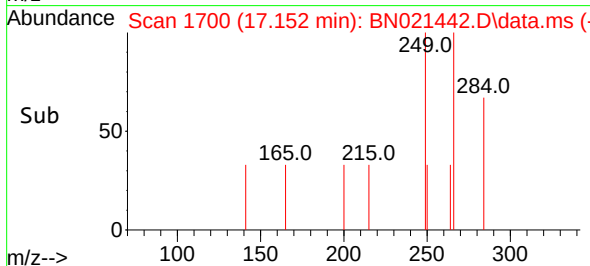
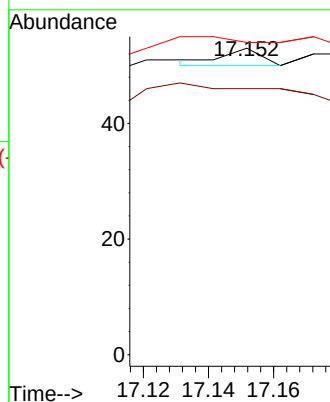
BNA_N

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Tgt Ion:	266	Resp:	2
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.0	73.6#
268	0.0	50.9	76.3#



#27

Fluoranthene-d10

Concen: 0.438 ng

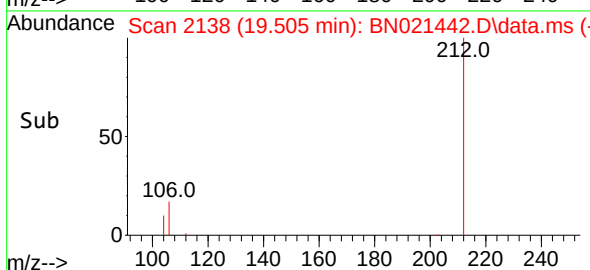
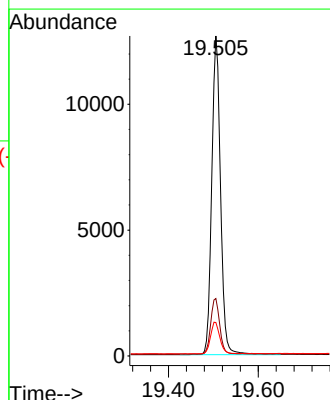
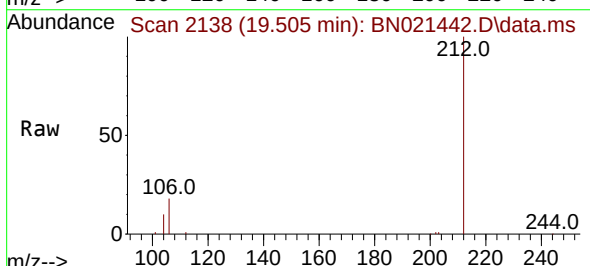
RT: 19.505 min Scan# 2138

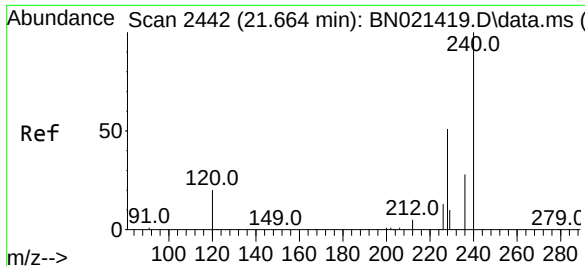
Delta R.T. -0.004 min

Lab File: BN021442.D

Acq: 30 Aug 2022 04:52

Tgt Ion:	212	Resp:	17182
Ion Ratio	Lower	Upper	
212	100		
106	17.9	14.2	21.2
104	10.4	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: BN021442.D

Acq: 30 Aug 2022 04:52

Instrument :

BNA_N

ClientSampleId :

RE103D1-20220818

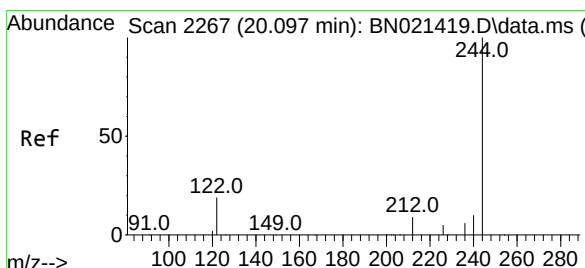
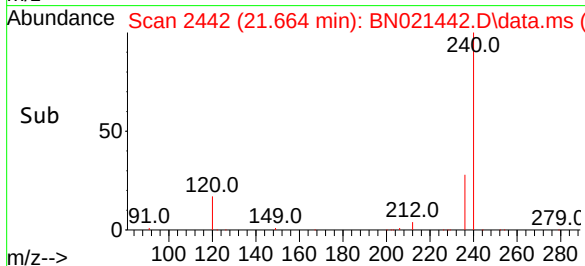
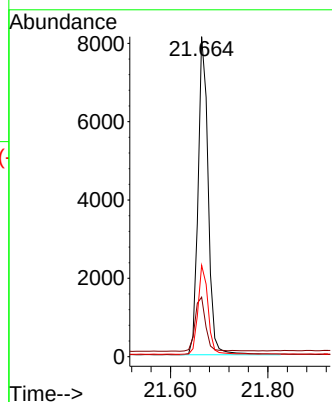
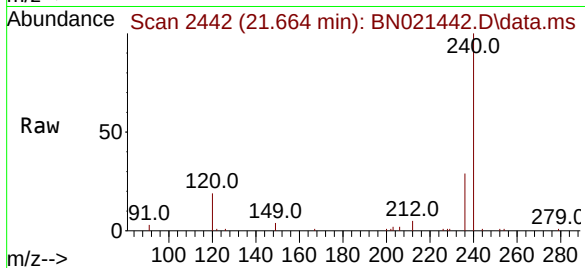
Tgt Ion:240 Resp: 11645

Ion Ratio Lower Upper

240 100

120 18.6 10.2 15.4#

236 28.5 22.1 33.1



#31

Terphenyl-d14

Concen: 0.484 ng

RT: 20.097 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN021442.D

Acq: 30 Aug 2022 04:52

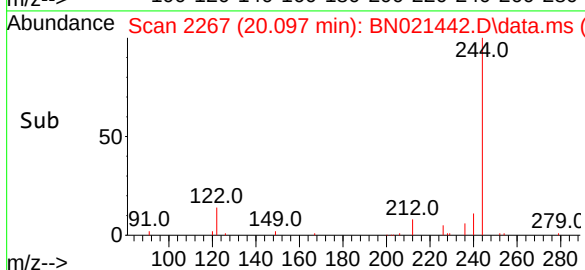
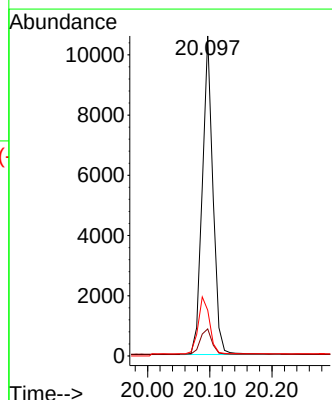
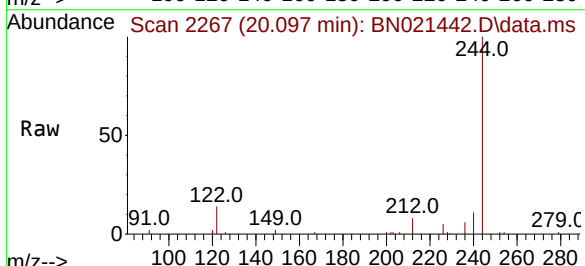
Tgt Ion:244 Resp: 12655

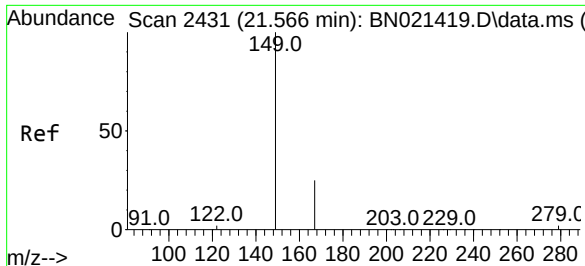
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 14.3 9.1 13.7#

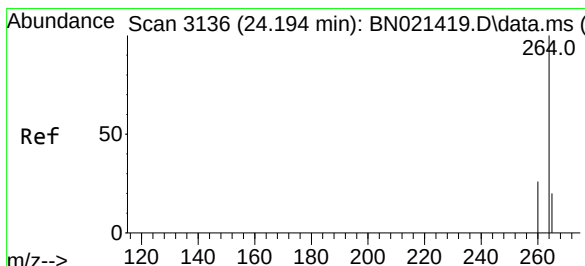
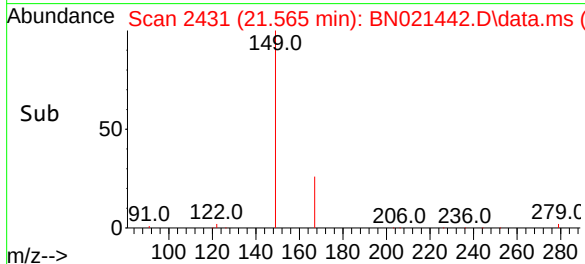
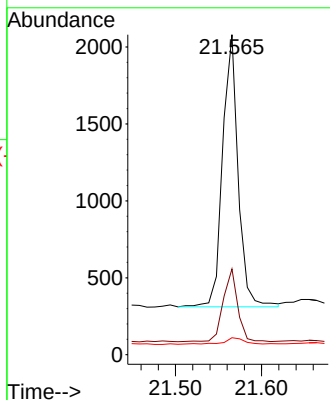
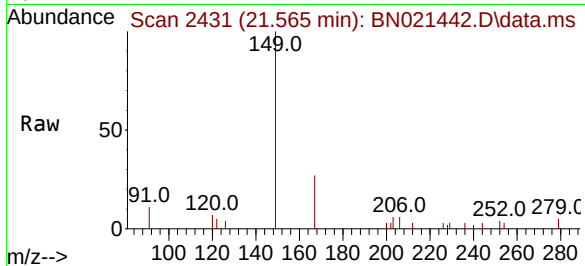




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021442.D
 Acq: 30 Aug 2022 04:52

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220818

Tgt Ion:149 Resp: 2216
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.188 min Scan# 3134
 Delta R.T. -0.006 min
 Lab File: BN021442.D
 Acq: 30 Aug 2022 04:52

Tgt Ion:264 Resp: 8031
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 38.3 32.2 48.2

