

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021667.D
 Acq On : 09 Sep 2022 18:59
 Operator : CG/JU
 Sample : N4471-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

Quant Time: Sep 09 23:22:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

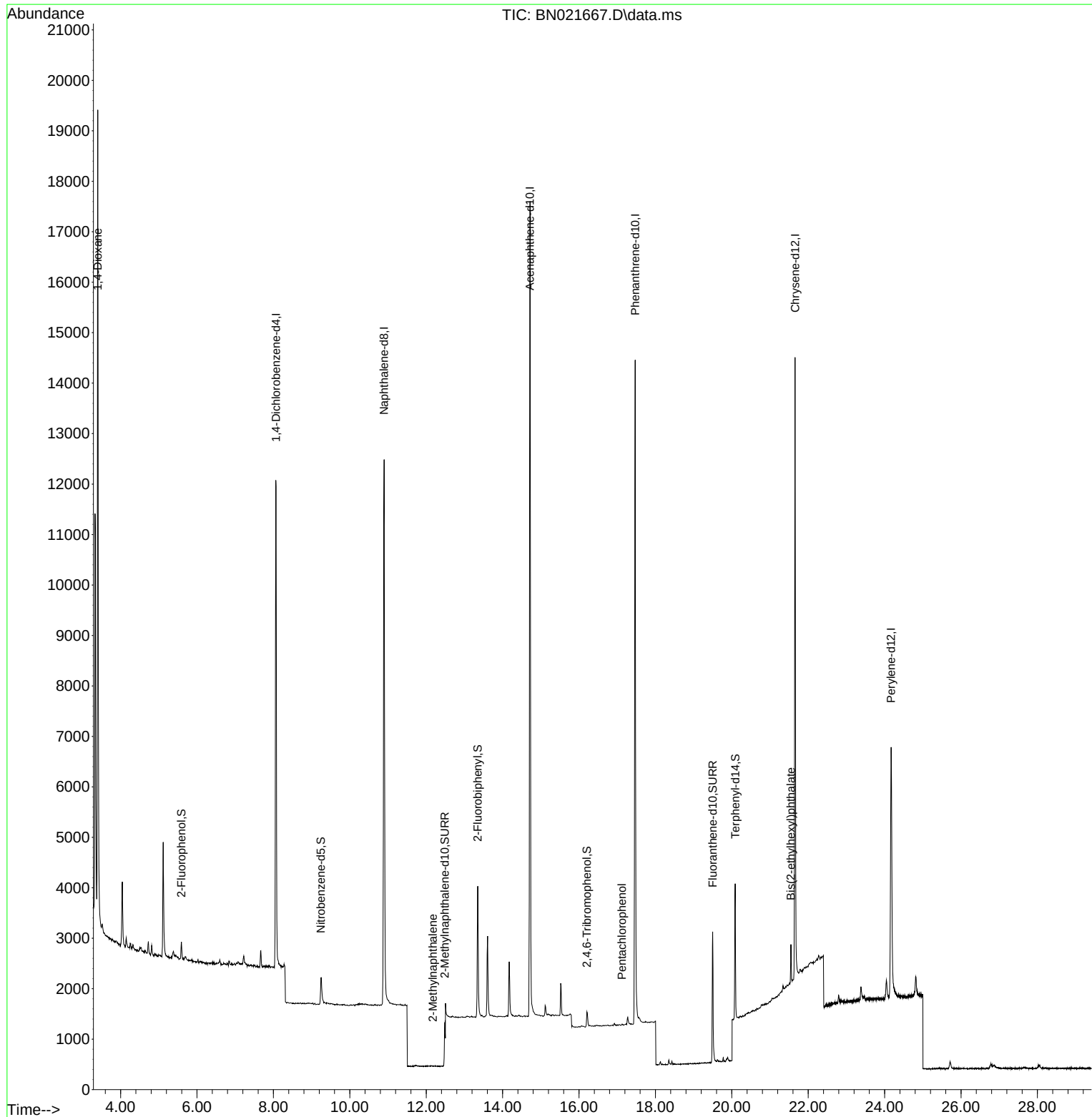
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5272	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16557	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9370	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19580	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11663	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	8497	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	332	0.032	ng	0.00
5) Phenol-d6	7.224	99	238	0.018	ng	0.00
8) Nitrobenzene-d5	9.243	82	716	0.064	ng	0.01
11) 2-Methylnaphthalene-d10	12.486	152	2216	0.059	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	198	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	2527	0.062	ng	0.01
27) Fluoranthene-d10	19.497	212	3036	0.060	ng	0.00
31) Terphenyl-d14	20.088	244	2491	0.095	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	10748	1.630	ng	# 89
12) 2-Methylnaphthalene	12.172	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	22	0.207	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.548	149	818	0.050	ng	93

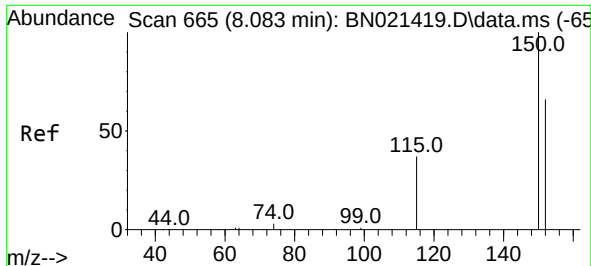
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

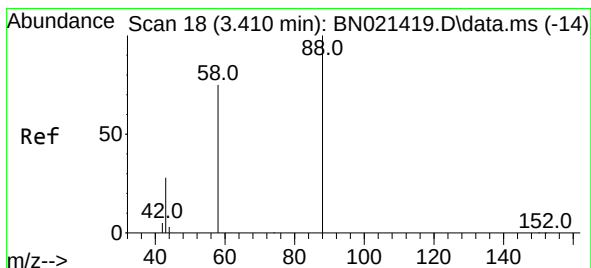
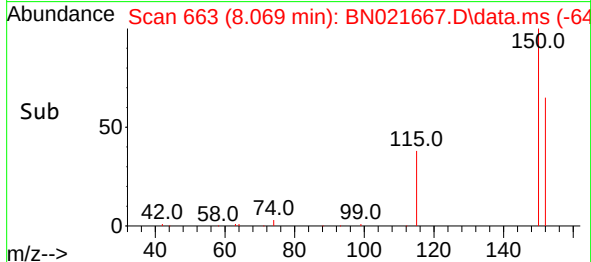
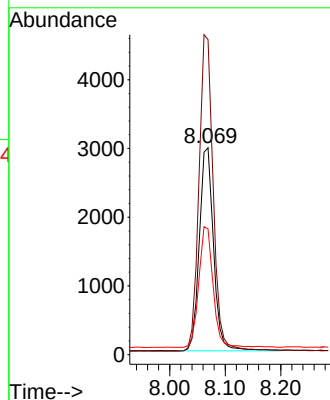
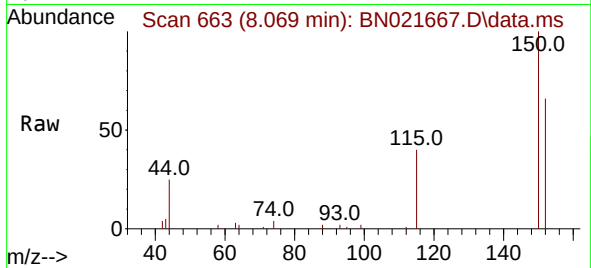




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. 0.007 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

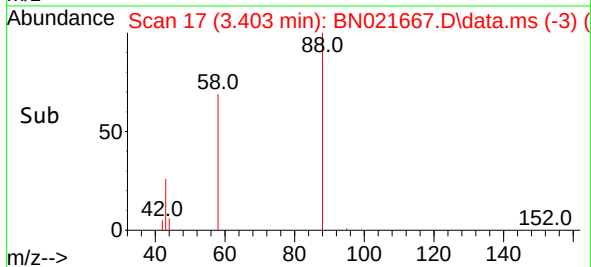
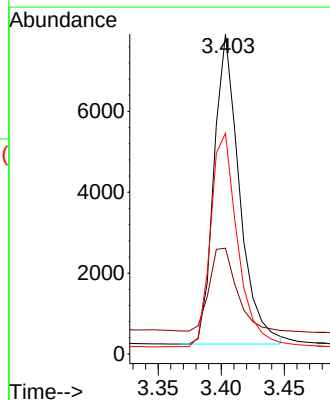
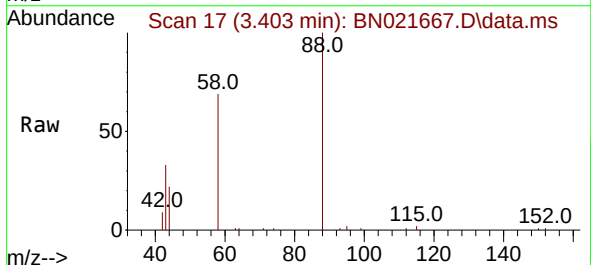
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

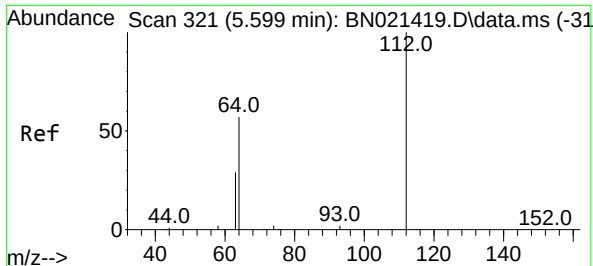
Tgt Ion:152 Resp: 5272
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.4 182.0
 115 60.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.630 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Tgt Ion: 88 Resp: 10748
 Ion Ratio Lower Upper
 88 100
 43 28.6 35.8 53.8#
 58 73.2 57.1 85.7

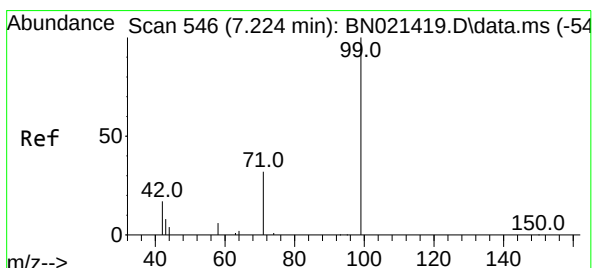
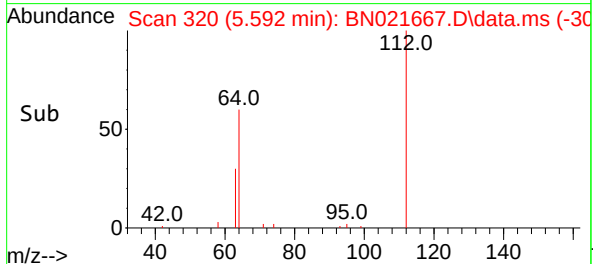
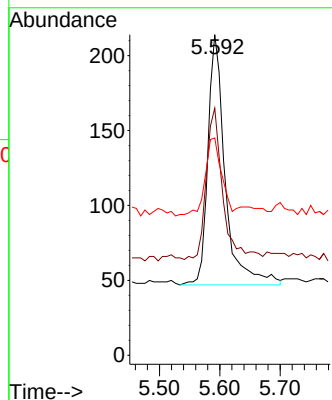
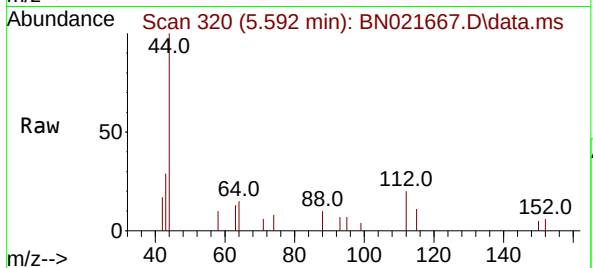




#4
2-Fluorophenol
Concen: 0.032 ng
RT: 5.592 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

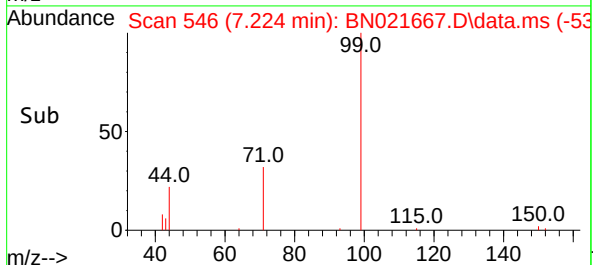
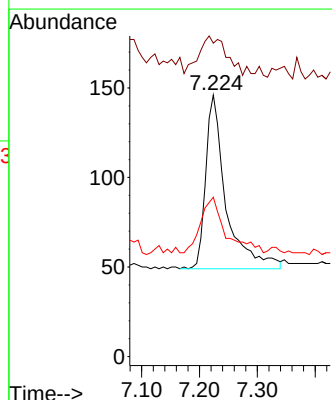
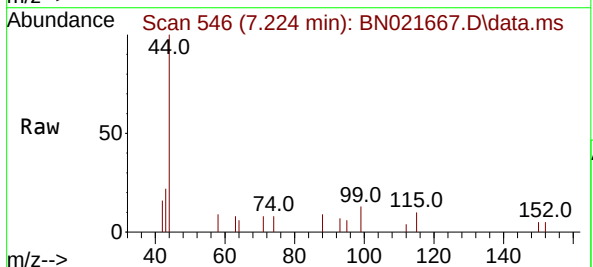
Instrument :
BNA_N
ClientSampleId :
MW-10B-40-45-083022DL

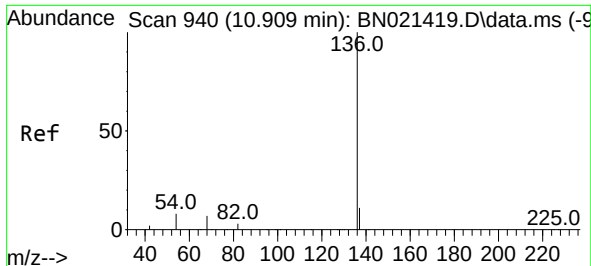
Tgt Ion:112 Resp: 332
Ion Ratio Lower Upper
112 100
64 57.5 43.5 65.3
63 28.6 22.6 34.0



#5
Phenol-d6
Concen: 0.018 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion: 99 Resp: 238
Ion Ratio Lower Upper
99 100
42 28.2 15.5 23.3#
71 38.2 24.2 36.2#

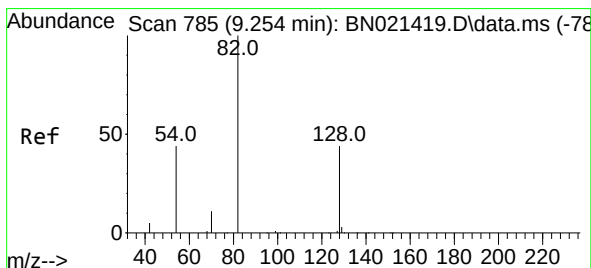
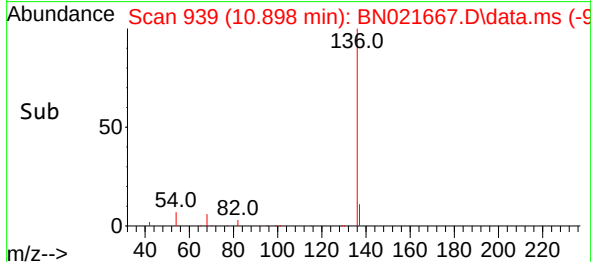
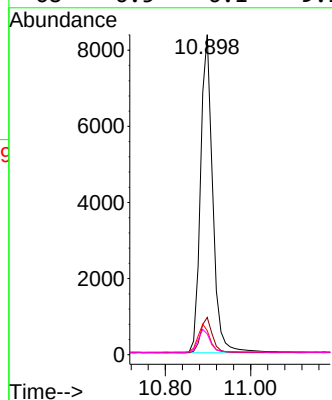
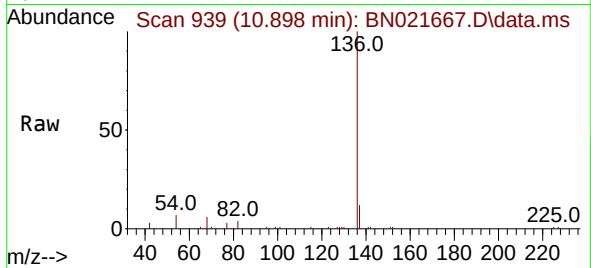




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

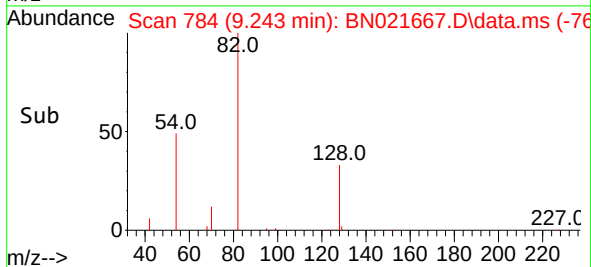
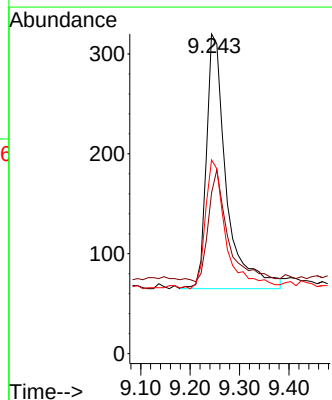
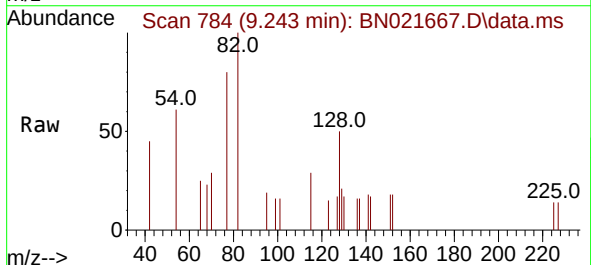
Instrument :
BNA_N
ClientSampleId :
MW-10B-40-45-083022DL

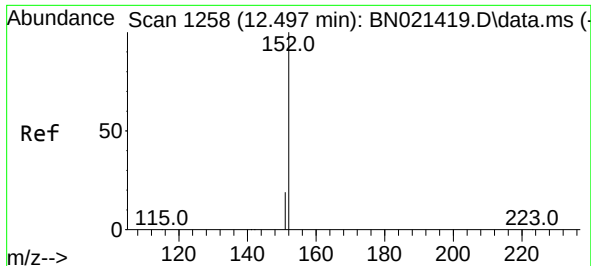
Tgt Ion:	136	Resp:	16557
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.5	6.9	10.3
68	6.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.064 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:	82	Resp:	716
Ion	Ratio	Lower	Upper
82	100		
128	50.3	30.9	46.3
54	60.6	42.7	64.1

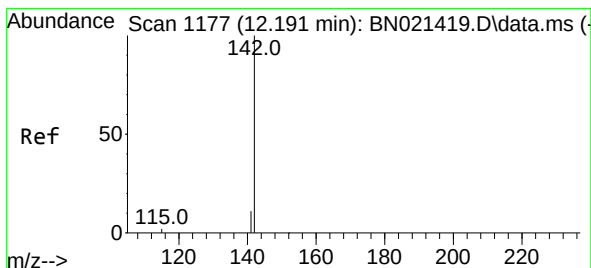
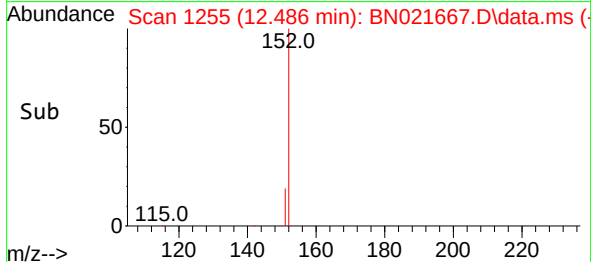
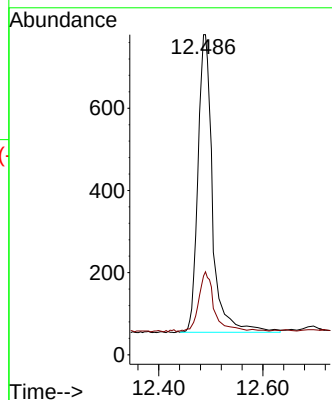
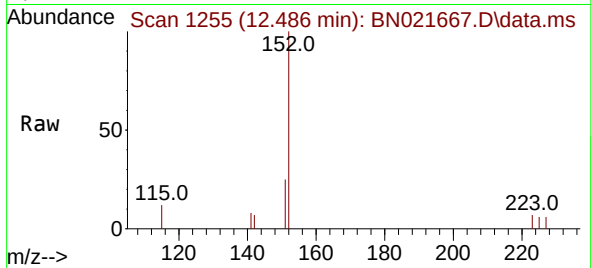




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.486 min Scan# 1172
Delta R.T. 0.008 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

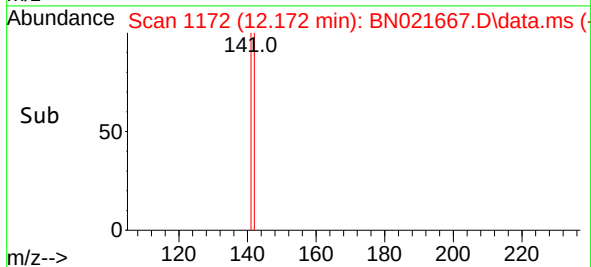
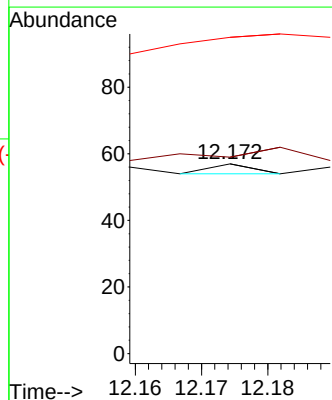
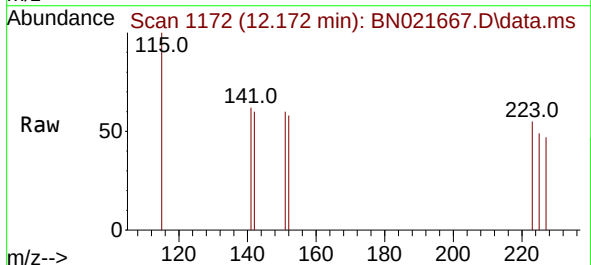
Instrument :
BNA_N
ClientSampleId :
MW-10B-40-45-083022DL

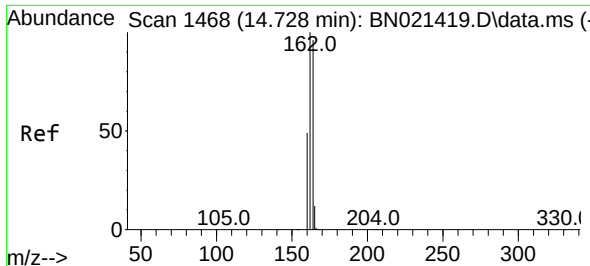
Tgt Ion:152 Resp: 2216
Ion Ratio Lower Upper
152 100
151 19.5 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.172 min Scan# 1172
Delta R.T. -0.007 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 103.5 12.2 18.2#
115 166.7 7.9 11.9#

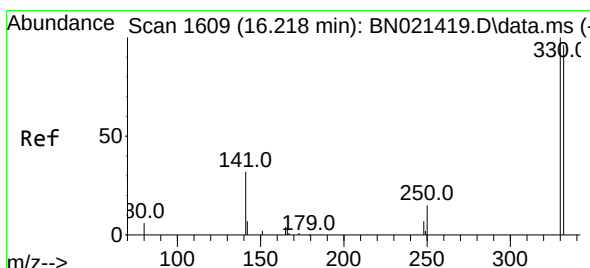
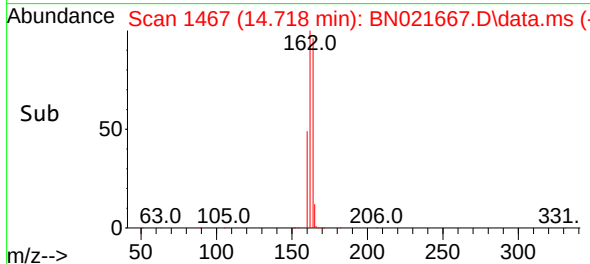
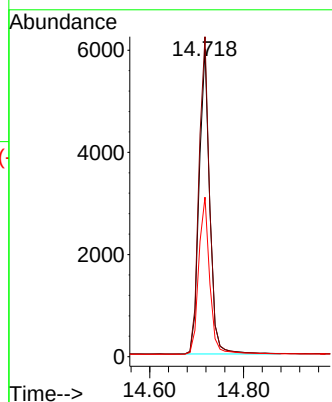
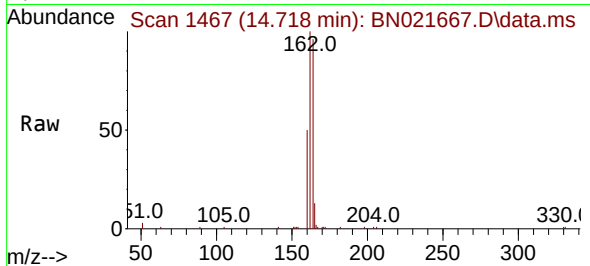




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

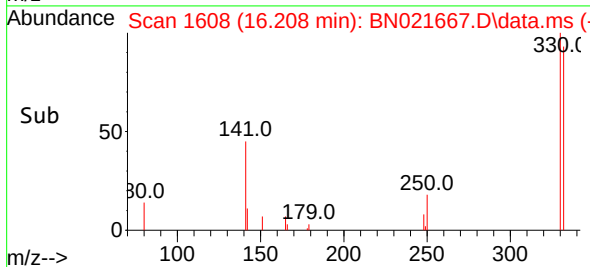
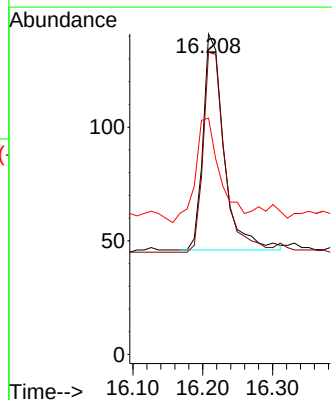
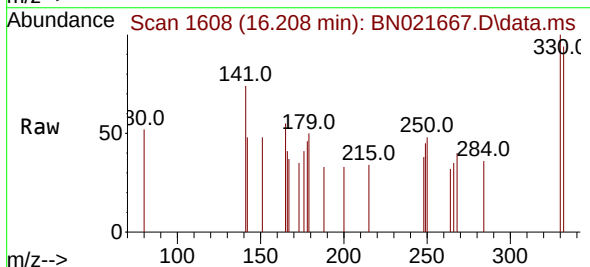
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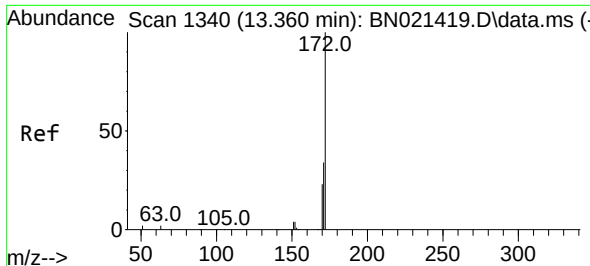
Tgt Ion:164	Resp:	9370
Ion	Ratio	Lower Upper
164	100	
162	104.1	82.2 123.4
160	51.9	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:330	Resp:	198
Ion	Ratio	Lower Upper
330	100	
332	95.5	79.3 118.9
141	58.6	37.1 55.7#

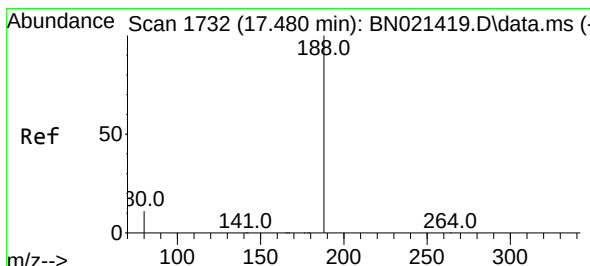
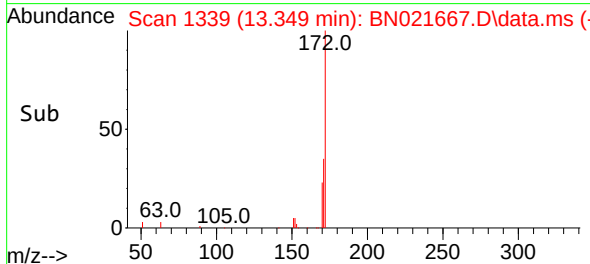
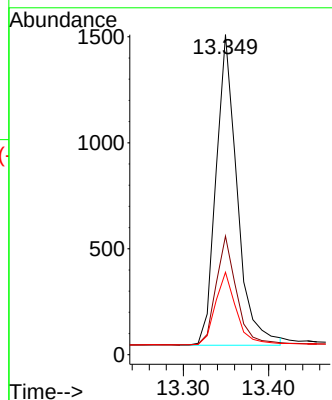
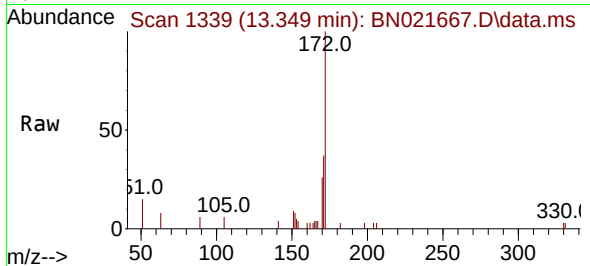




#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

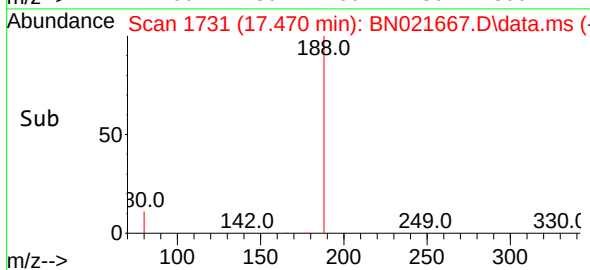
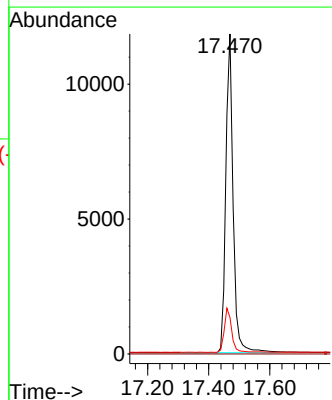
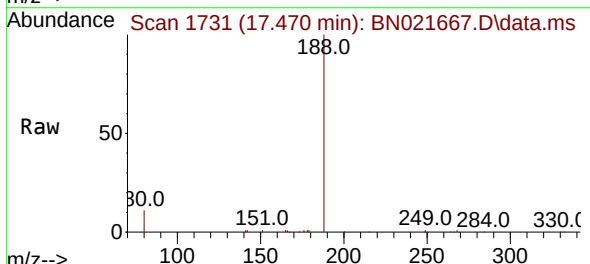
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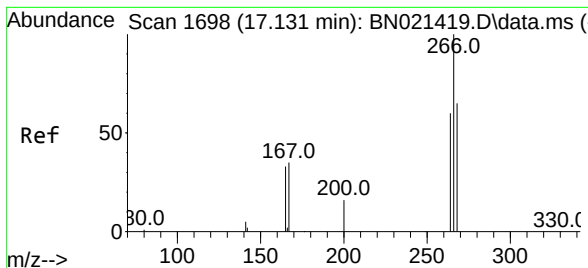
Tgt Ion:	172	Resp:	2527
Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.8	41.6
170	25.8	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:	188	Resp:	19580
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.5	14.3





#24

Pentachlorophenol

Concen: 0.207 ng

RT: 17.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021667.D

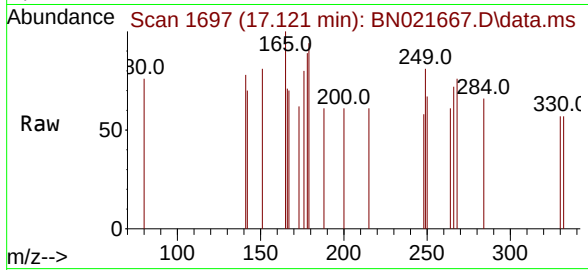
Acq: 09 Sep 2022 18:59

Instrument :

BNA_N

ClientSampleId :

MW-10B-40-45-083022DL



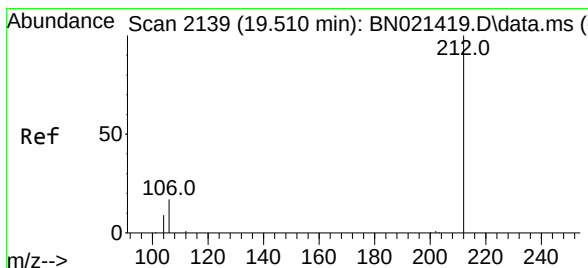
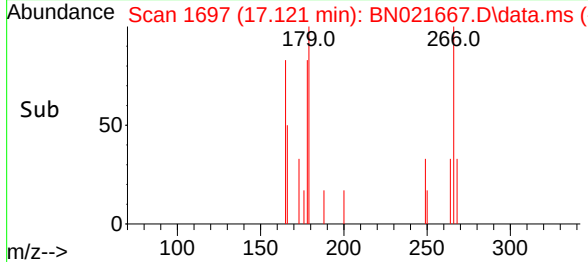
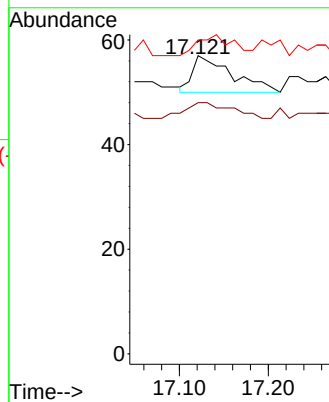
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 50.0 49.0 73.6

268 9.1 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.060 ng

RT: 19.497 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BN021667.D

Acq: 09 Sep 2022 18:59

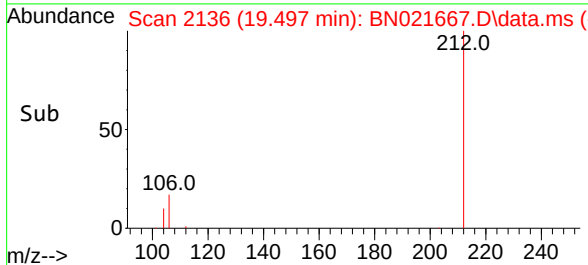
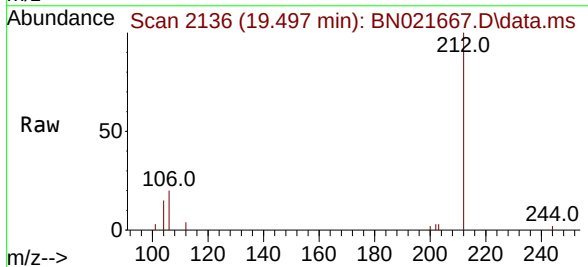
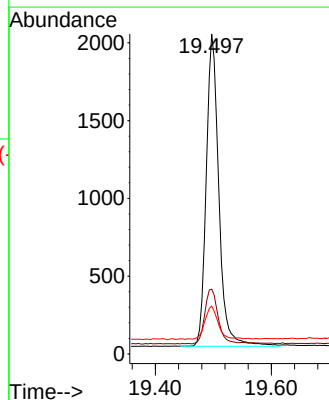
Tgt Ion:212 Resp: 3036

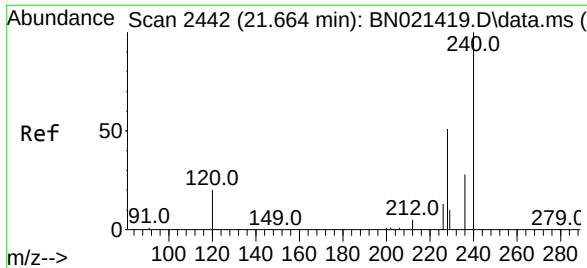
Ion Ratio Lower Upper

212 100

106 18.3 14.2 21.2

104 11.0 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BN021667.D

Acq: 09 Sep 2022 18:59

Instrument :

BNA_N

ClientSampleId :

MW-10B-40-45-083022DL

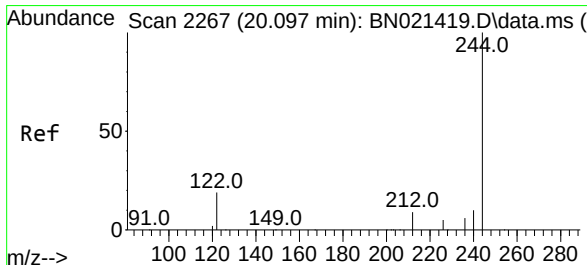
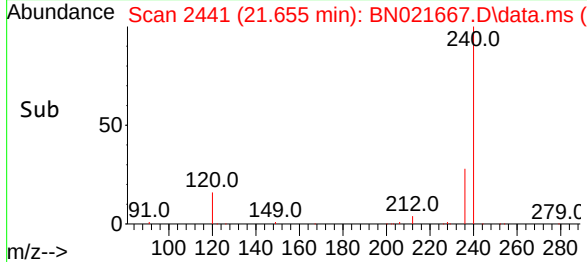
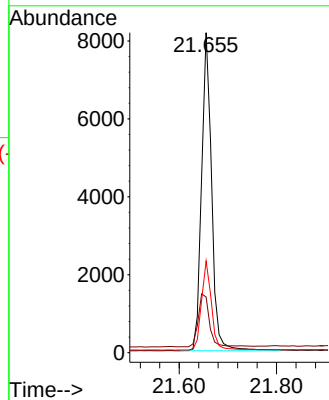
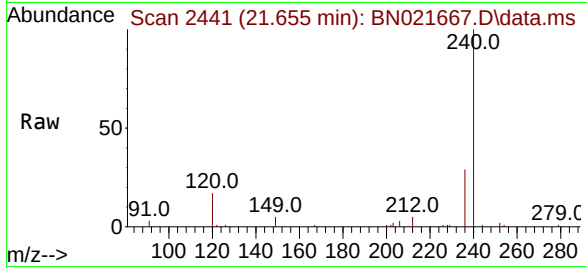
Tgt Ion:240 Resp: 11663

Ion Ratio Lower Upper

240 100

120 17.4 10.2 15.4#

236 28.7 22.1 33.1



#31

Terphenyl-d14

Concen: 0.095 ng

RT: 20.088 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN021667.D

Acq: 09 Sep 2022 18:59

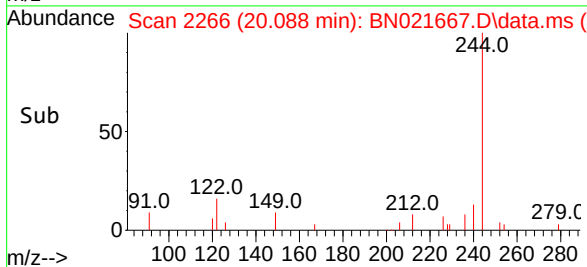
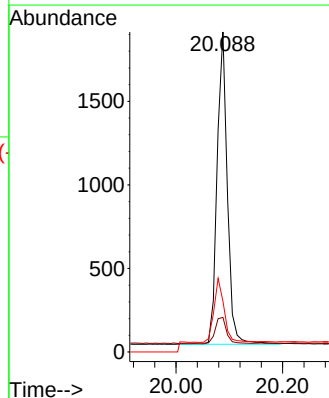
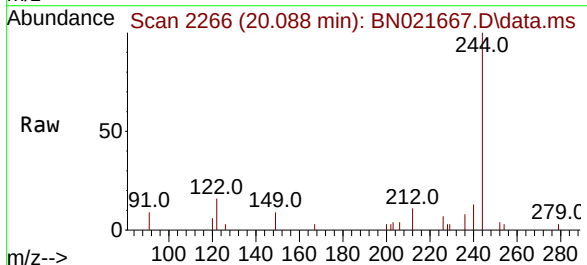
Tgt Ion:244 Resp: 2491

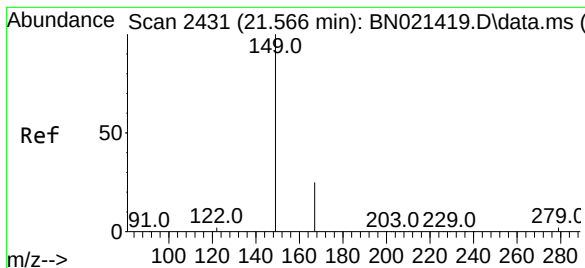
Ion Ratio Lower Upper

244 100

212 10.8 6.5 9.7#

122 15.9 9.1 13.7#

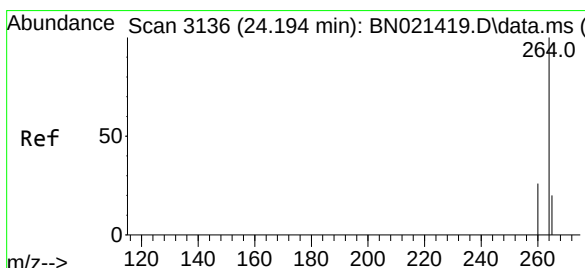
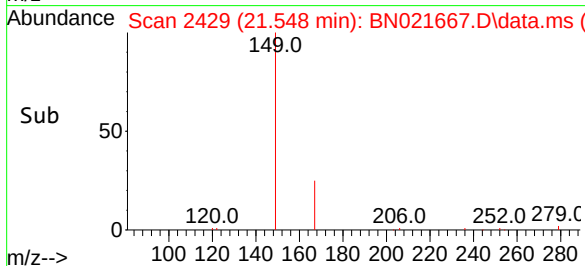
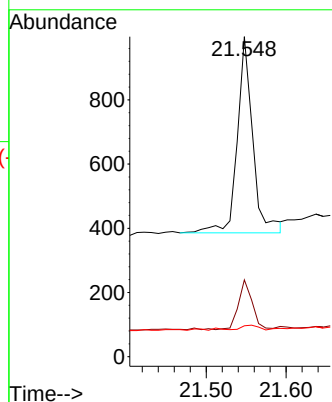
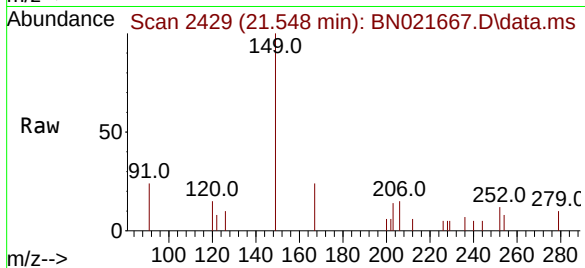




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

Tgt Ion:149 Resp: 818
 Ion Ratio Lower Upper
 149 100
 167 22.9 21.4 32.0
 279 2.6 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.170 min Scan# 3128
 Delta R.T. -0.003 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Tgt Ion:264 Resp: 8497
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.0 31.6
 265 48.2 32.2 48.2

