

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021532.D
 Acq On : 01 Sep 2022 19:15
 Operator : CG/JU
 Sample : N4360-08DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20220824DL

Quant Time: Sep 02 01:00:03 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 02 00:53:31 2022
 Response via : Initial Calibration

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

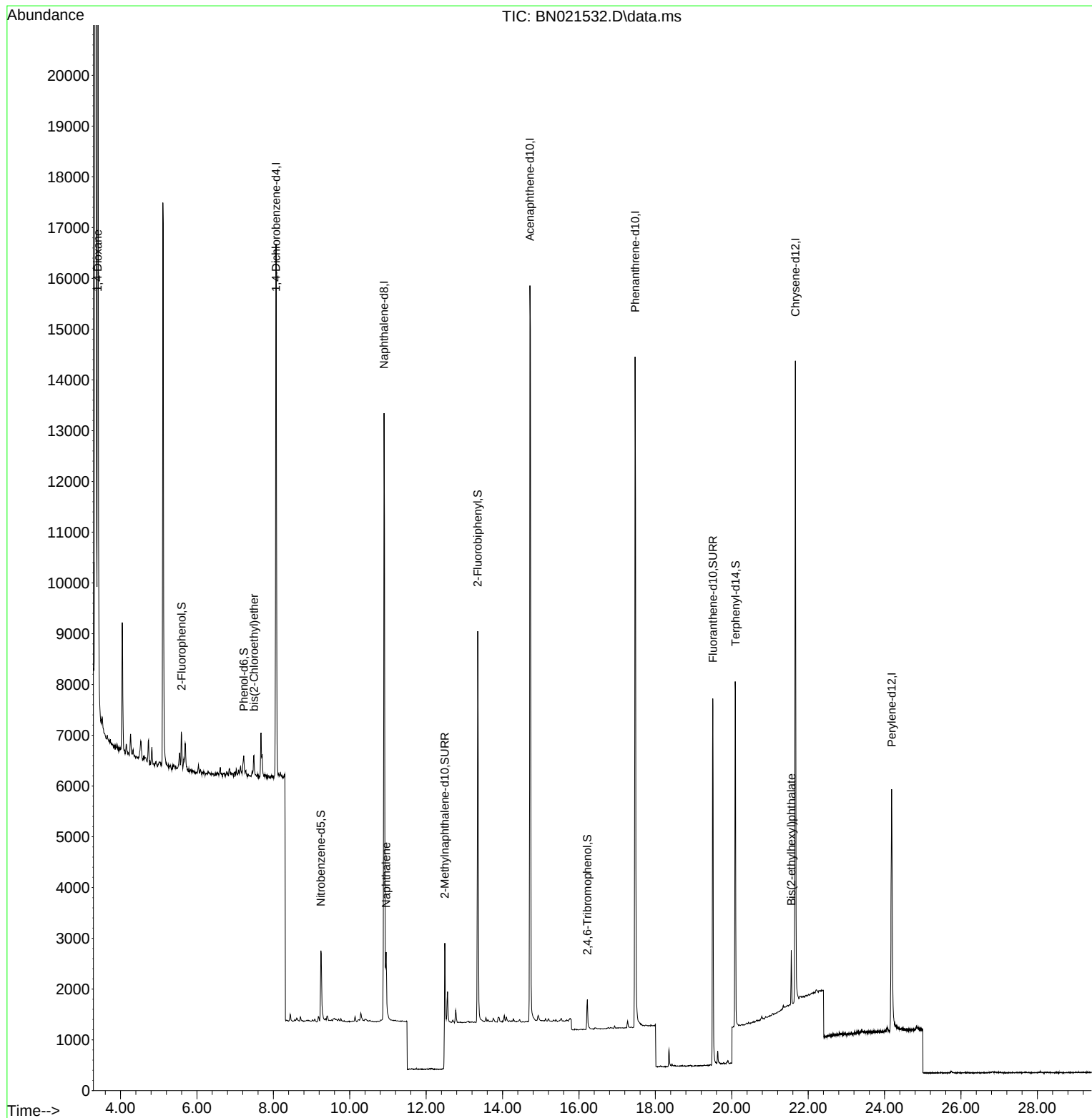
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5324	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16769	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9228	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19258	0.400	ng	# 0.00
29) Chrysene-d12	21.664	240	11786	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7829	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	636	0.061	ng	0.00
5) Phenol-d6	7.224	99	454	0.034	ng	0.00
8) Nitrobenzene-d5	9.243	82	1489	0.131	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	5706	0.151	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	370	0.122	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	7213	0.179	ng	0.00
27) Fluoranthene-d10	19.506	212	8228	0.166	ng	0.00
31) Terphenyl-d14	20.097	244	6660	0.251	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	16516	2.480	ng	# 89
6) bis(2-Chloroethyl)ether	7.491	93	357	0.021	ng	96
9) Naphthalene	10.952	128	1661	0.033	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.557	149	997	0.060	ng	# 97

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

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Quant Time: Sep 02 01:00:03 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 02 00:53:31 2022
Response via : Initial Calibration

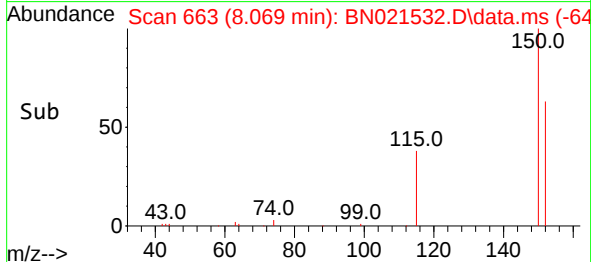
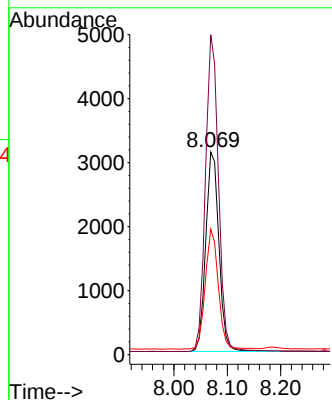
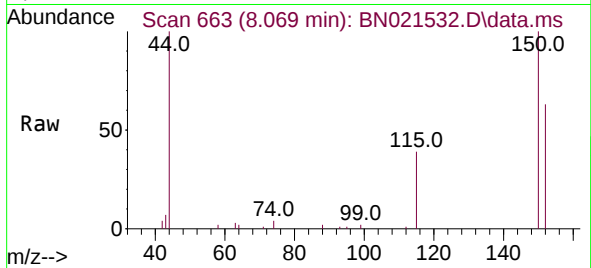




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021532.D
 Acq: 01 Sep 2022 19:15

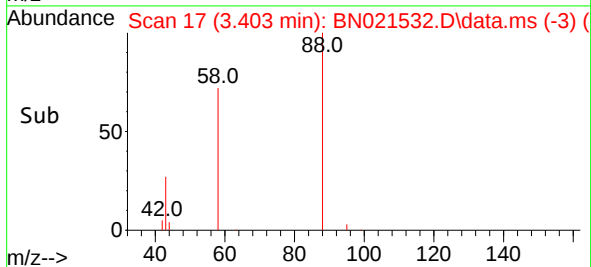
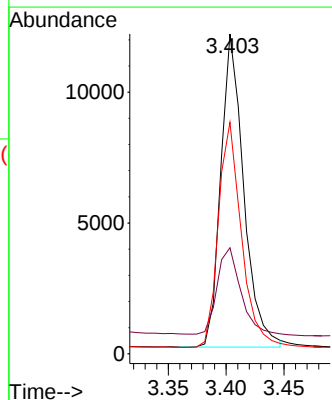
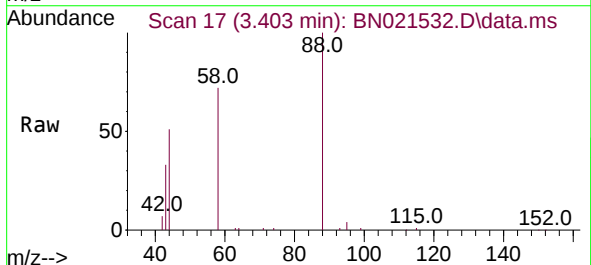
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20220824DL

Tgt Ion:152 Resp: 5324
 Ion Ratio Lower Upper
 152 100
 150 157.9 121.4 182.0
 115 61.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.480 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021532.D
 Acq: 01 Sep 2022 19:15

Tgt Ion: 88 Resp: 16516
 Ion Ratio Lower Upper
 88 100
 43 28.1 35.8 53.8#
 58 72.3 57.1 85.7

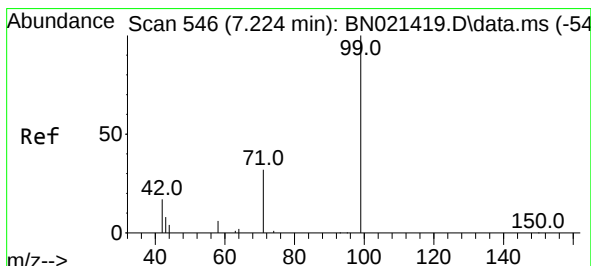
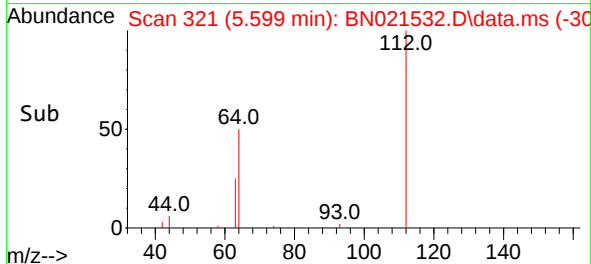
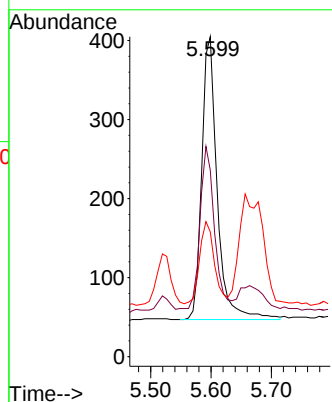
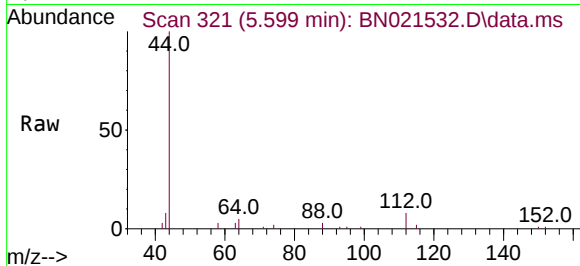




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.007 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

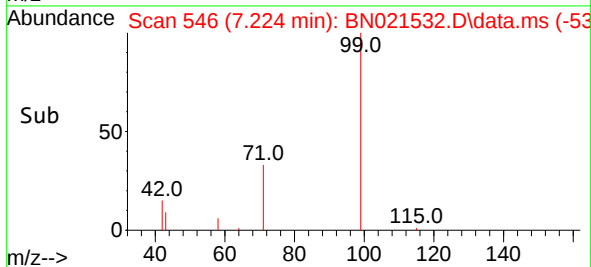
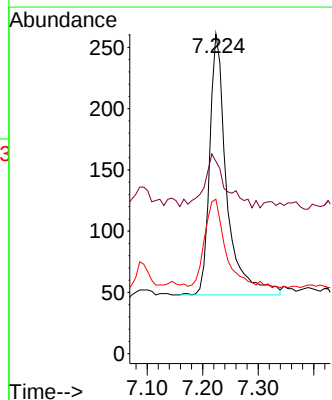
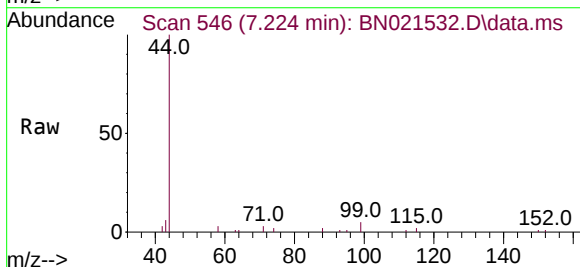
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824DL

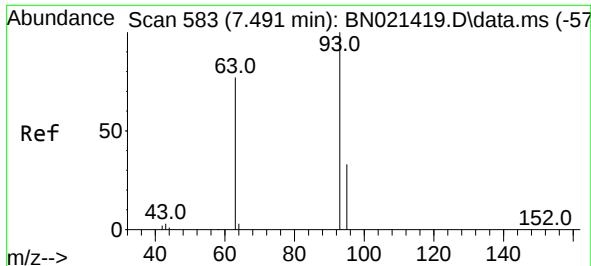
Tgt Ion: 112 Resp: 636
Ion Ratio Lower Upper
112 100
64 52.7 43.5 65.3
63 27.7 22.6 34.0



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt Ion: 99 Resp: 454
Ion Ratio Lower Upper
99 100
42 25.8 15.5 23.3#
71 39.4 24.2 36.2#

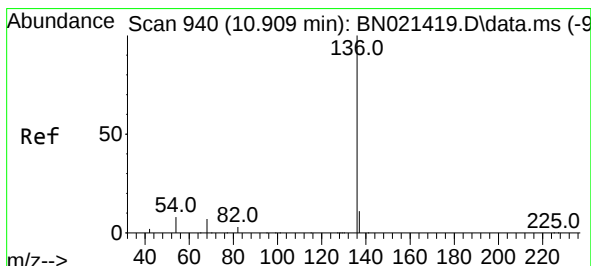
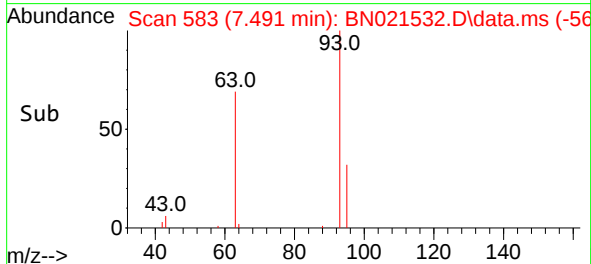
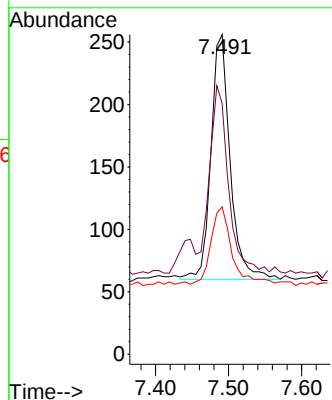
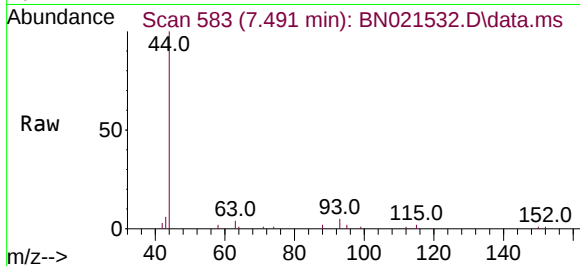




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.007 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

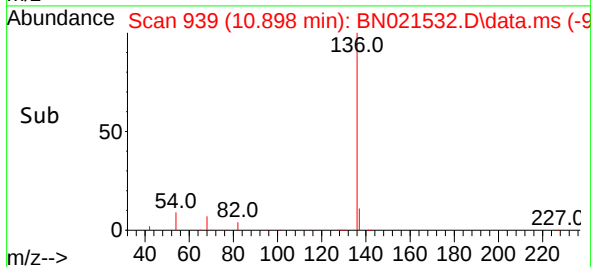
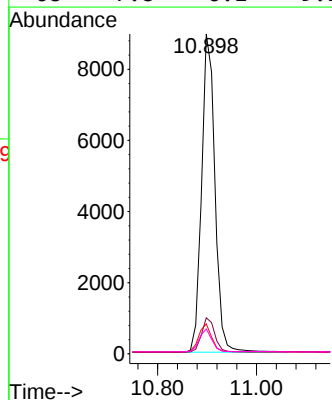
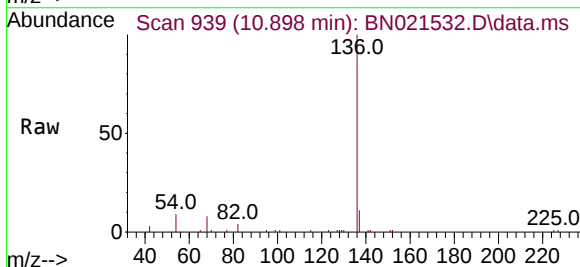
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824DL

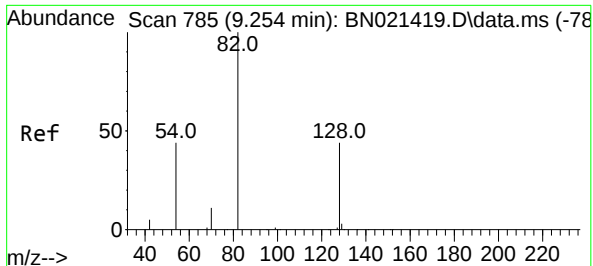
Tgt Ion: 93	Resp:	357	
Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.8	86.8
95	33.6	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt	Ion:136	Resp:	16769
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	9.4	6.9	10.3
68	7.8	6.1	9.1

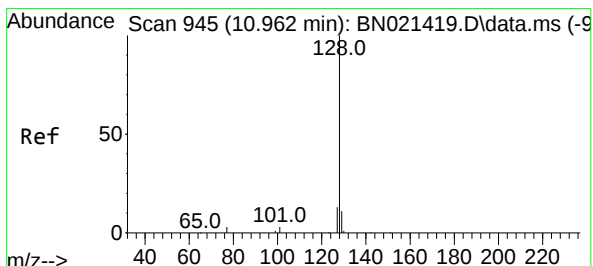
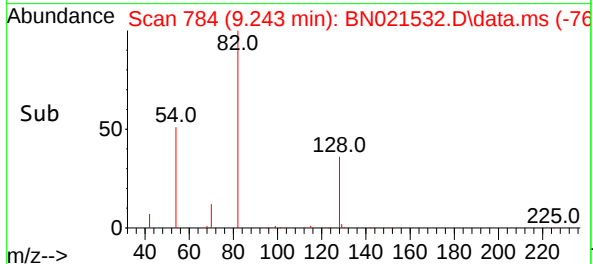
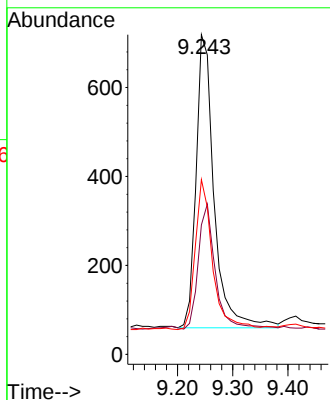
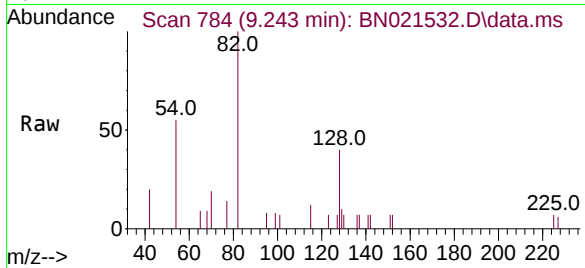




#8
 Nitrobenzene-d5
 Concen: 0.131 ng
 RT: 9.243 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BN021532.D
 Acq: 01 Sep 2022 19:15

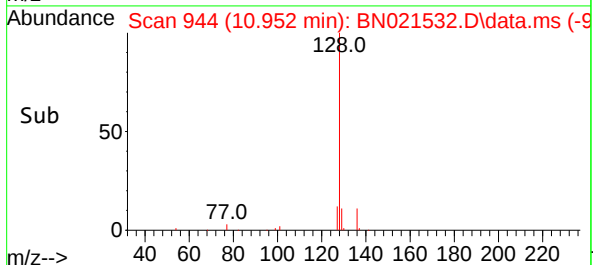
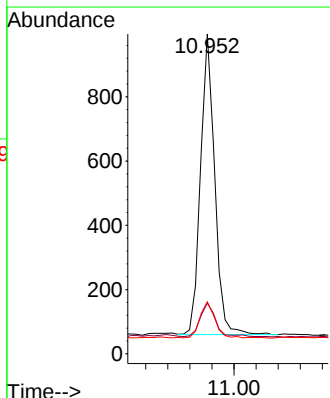
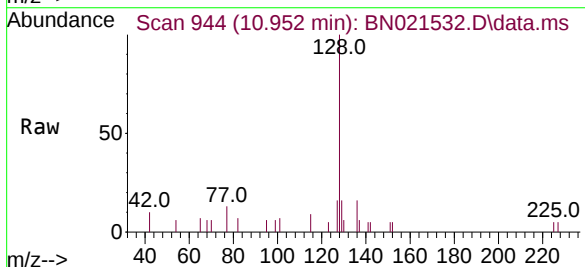
Instrument :
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 ClientSampleId :
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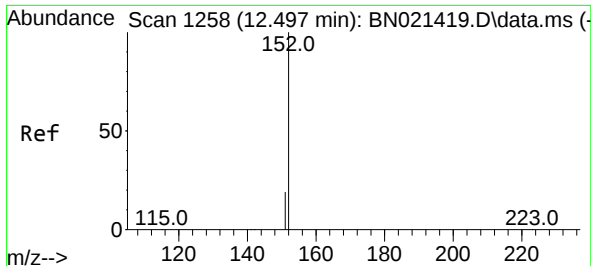
Tgt Ion: 82 Resp: 1489
 Ion Ratio Lower Upper
 82 100
 128 40.5 30.9 46.3
 54 54.7 42.7 64.1



#9
 Naphthalene
 Concen: 0.033 ng
 RT: 10.952 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: BN021532.D
 Acq: 01 Sep 2022 19:15

Tgt Ion: 128 Resp: 1661
 Ion Ratio Lower Upper
 128 100
 129 15.9 9.3 13.9#
 127 16.3 11.0 16.4

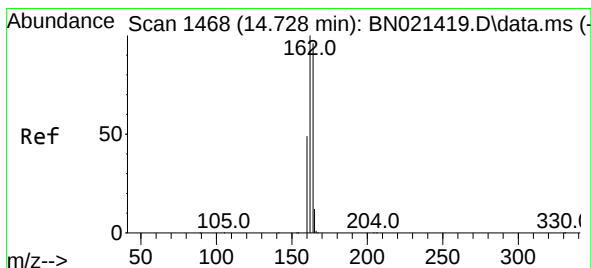
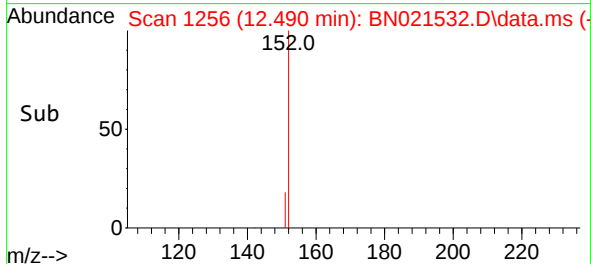
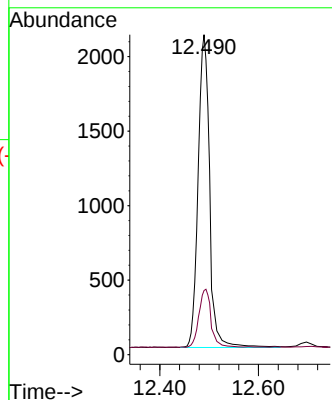
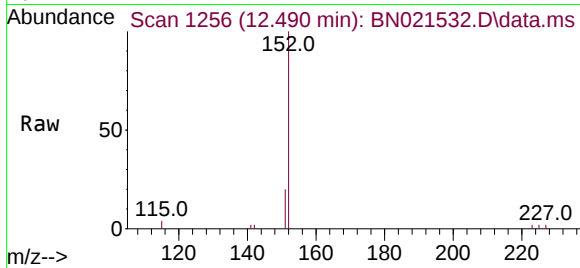




#11
2-Methylnaphthalene-d10
Concen: 0.151 ng
RT: 12.490 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

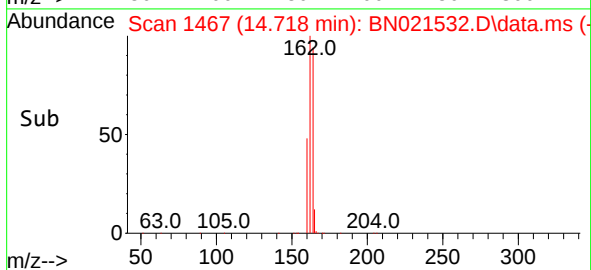
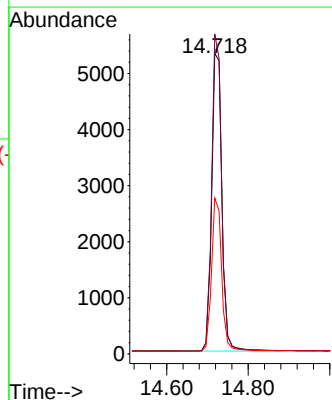
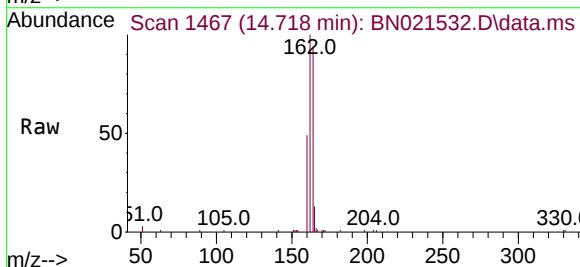
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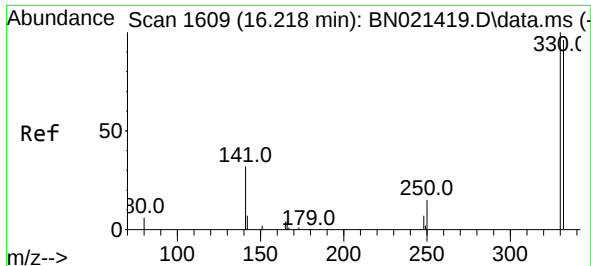
Tgt Ion:152 Resp: 5706
Ion Ratio Lower Upper
152 100
151 16.6 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt Ion:164 Resp: 9228
Ion Ratio Lower Upper
164 100
162 106.4 82.2 123.4
160 51.8 39.5 59.3

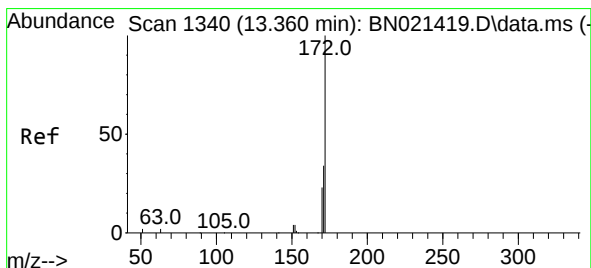
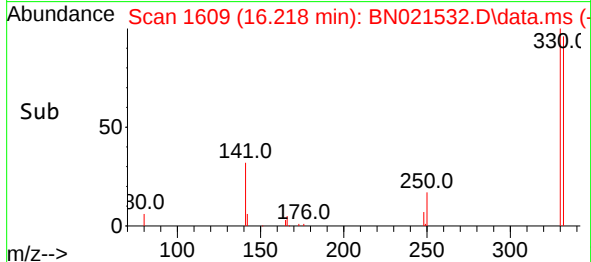
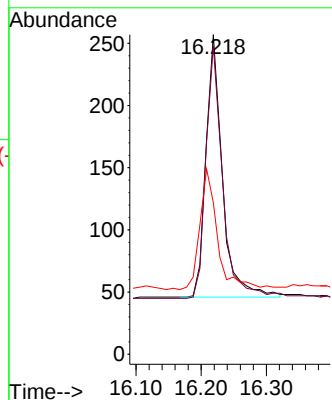
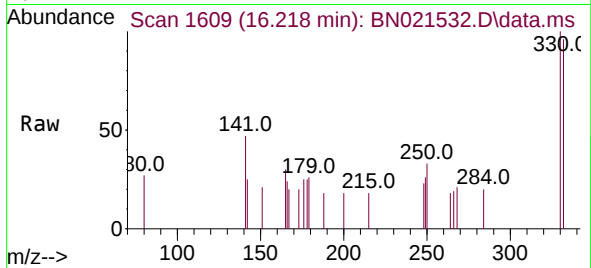




#14
2,4,6-Tribromophenol
Concen: 0.122 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

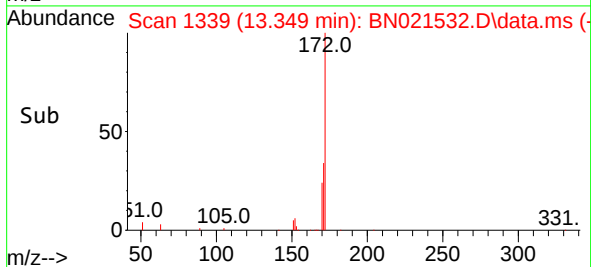
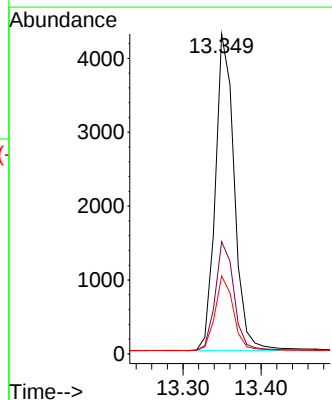
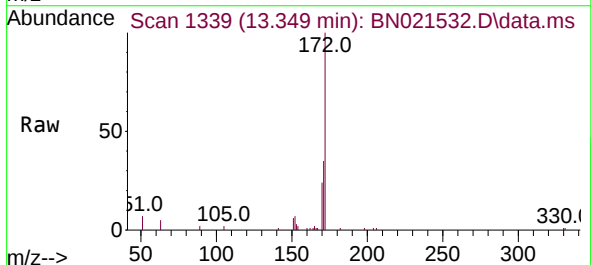
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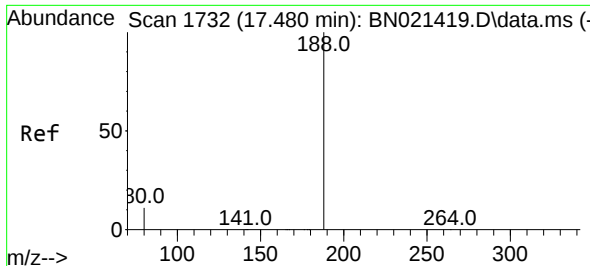
Tgt Ion:	330	Resp:	370
Ion	Ratio	Lower	Upper
330	100		
332	99.2	79.3	118.9
141	49.7	37.1	55.7



#15
2-Fluorobiphenyl
Concen: 0.179 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt Ion:	172	Resp:	7213
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	24.3	18.6	28.0

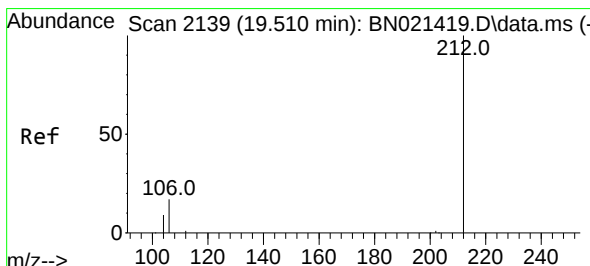
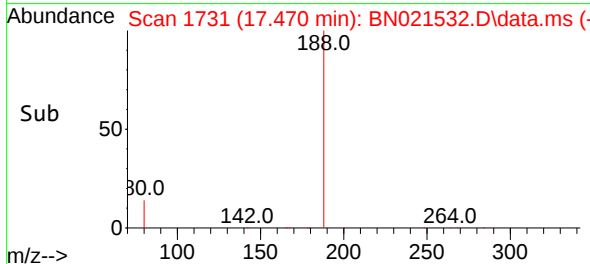
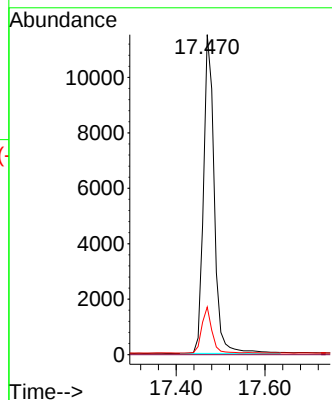
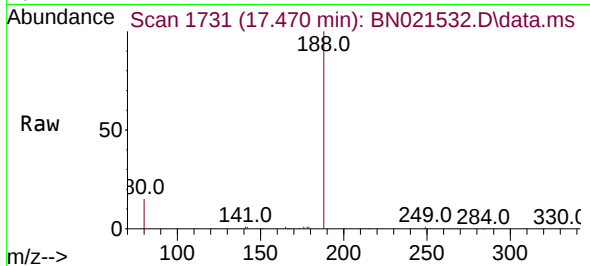




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

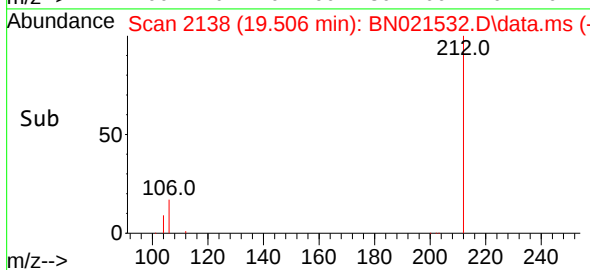
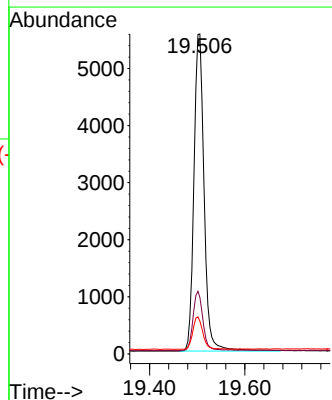
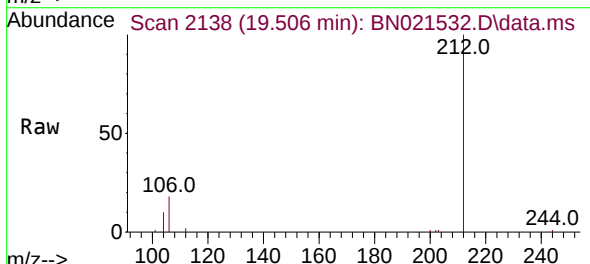
Instrument :
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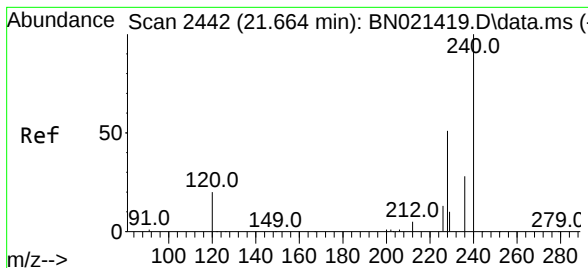
Tgt Ion:188 Resp: 19258
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 9.5 14.3#



#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.506 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt Ion:212 Resp: 8228
Ion Ratio Lower Upper
212 100
106 18.4 14.2 21.2
104 10.2 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: BN021532.D

Acq: 01 Sep 2022 19:15

Instrument :

BNA_N

ClientSampleId :

TT101D-20220824DL

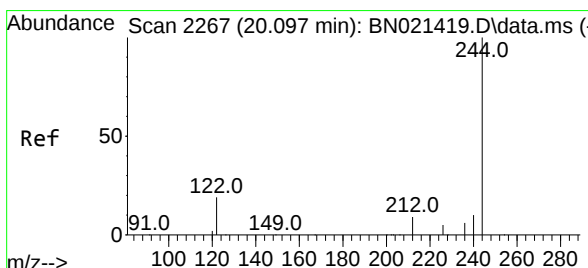
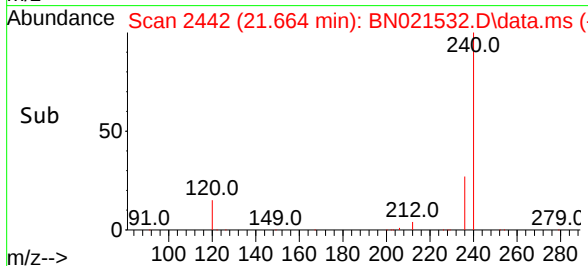
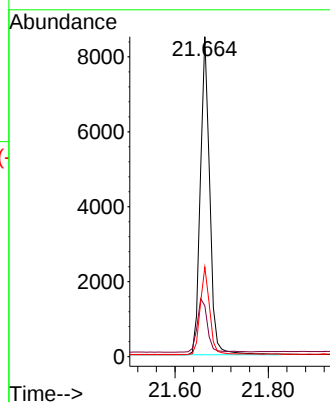
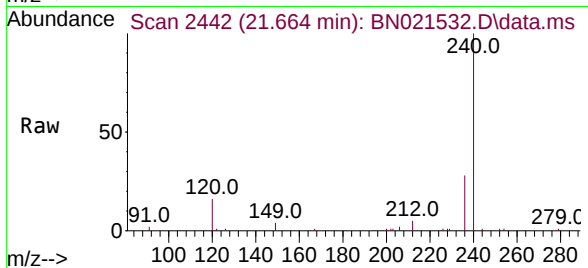
Tgt Ion:240 Resp: 11786

Ion Ratio Lower Upper

240 100

120 15.9 10.2 15.4#

236 28.0 22.1 33.1



#31

Terphenyl-d14

Concen: 0.251 ng

RT: 20.097 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BN021532.D

Acq: 01 Sep 2022 19:15

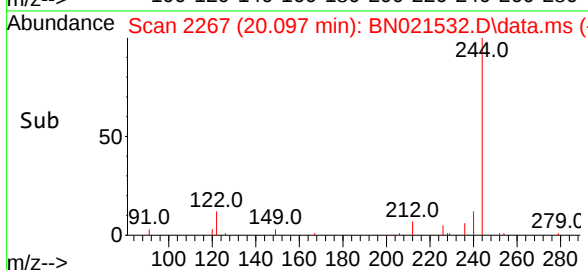
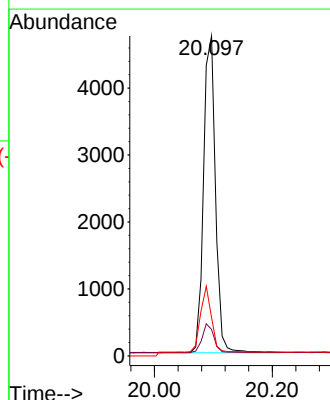
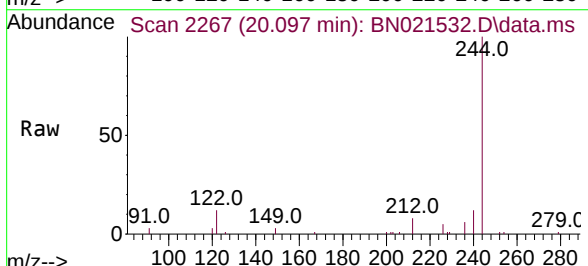
Tgt Ion:244 Resp: 6660

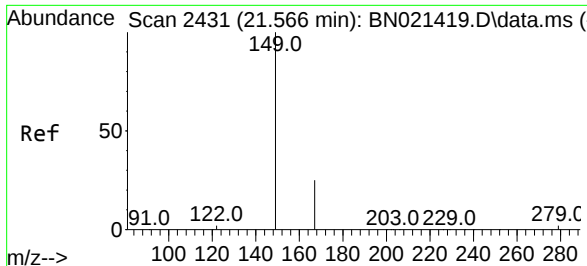
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 12.0 9.1 13.7

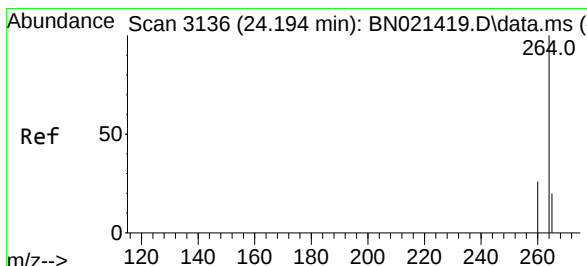
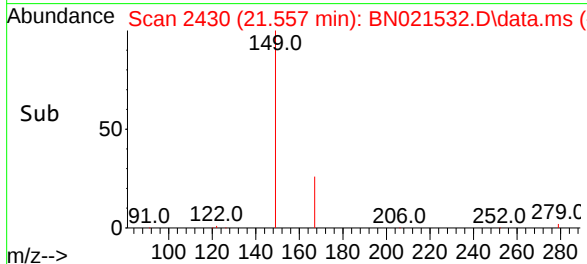
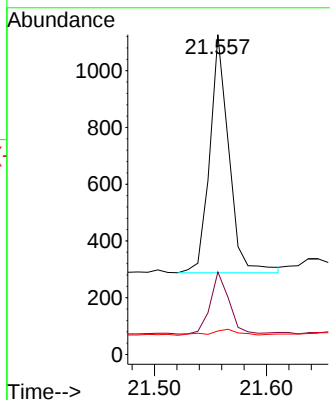
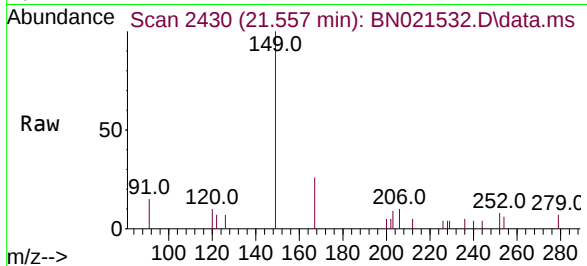




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 21.557 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Instrument :
BNA_N
ClientSampleId :
TT101D-20220824DL

Tgt Ion:149 Resp: 997
Ion Ratio Lower Upper
149 100
167 25.4 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. 0.003 min
Lab File: BN021532.D
Acq: 01 Sep 2022 19:15

Tgt Ion:264 Resp: 7829
Ion Ratio Lower Upper
264 100
260 26.4 21.0 31.6
265 36.8 32.2 48.2

