

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021672.D
 Acq On : 09 Sep 2022 22:05
 Operator : CG/JU
 Sample : N4492-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-43-48-090122

Quant Time: Sep 09 23:24:03 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 09 23:19:14 2022
 Response via : Initial Calibration

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

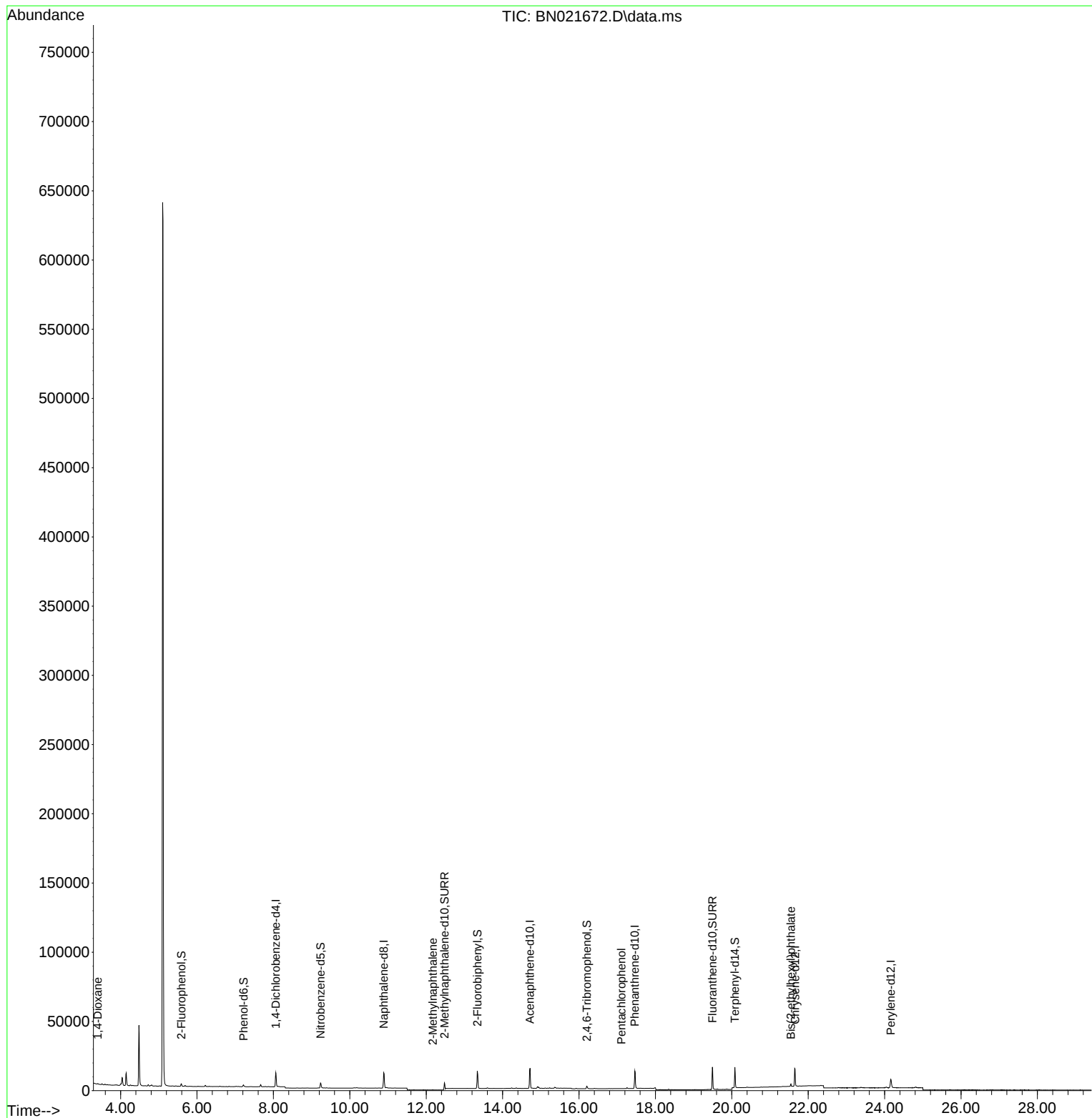
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	4864	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	15823	0.400	ng	#-0.01
13) Acenaphthene-d10	14.718	164	8800	0.400	ng	0.00
19) Phenanthrene-d10	17.459	188	18242	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	12868	0.400	ng	0.00
35) Perylene-d12	24.162	264	9557	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1627	0.171	ng	0.00
5) Phenol-d6	7.217	99	1363	0.112	ng	0.00
8) Nitrobenzene-d5	9.233	82	3523	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	10643	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1129	0.391	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	11319	0.294	ng	0.00
27) Fluoranthene-d10	19.493	212	17355	0.370	ng	0.00
31) Terphenyl-d14	20.079	244	12586	0.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	169	0.028	ng	# 1
12) 2-Methylnaphthalene	12.172	142	35	0.131	ng	# 1
24) Pentachlorophenol	17.111	266	10	0.205	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.548	149	1847	0.102	ng	# 96

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

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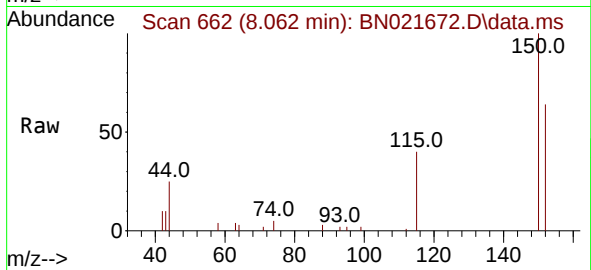
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



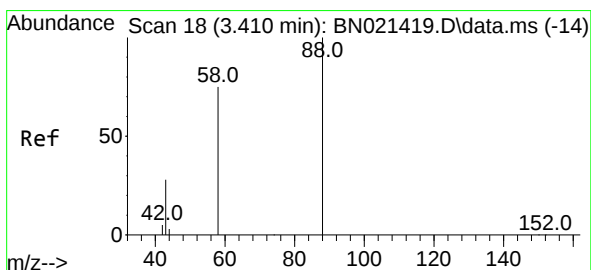
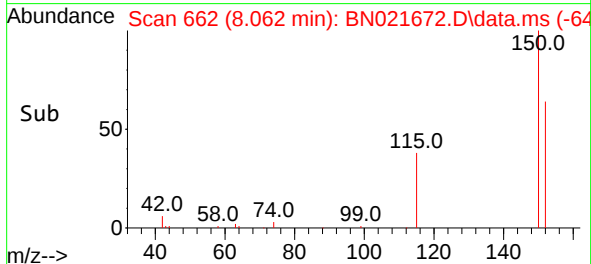
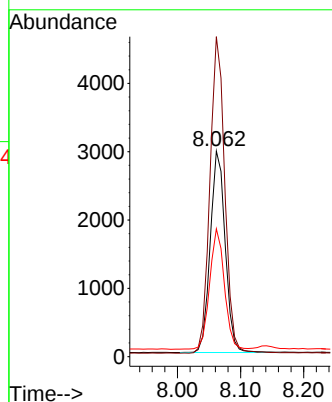


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021672.D
 Acq: 09 Sep 2022 22:05

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-43-48-090122

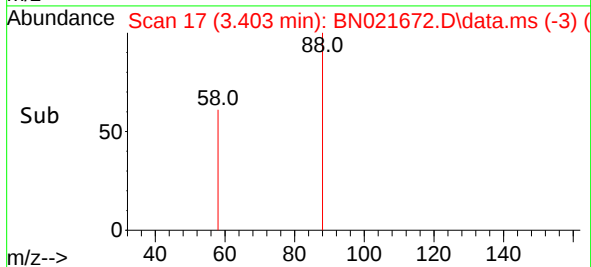
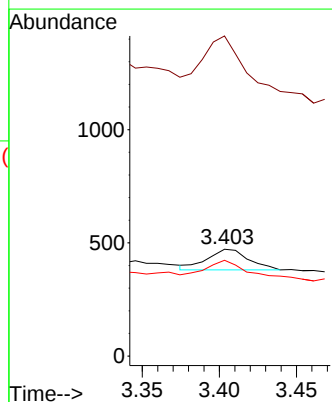
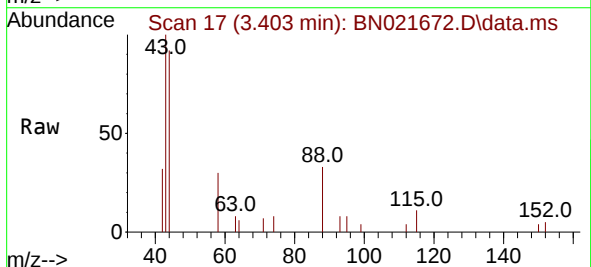


Tgt Ion:152 Resp: 4864
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.4 182.0
 115 62.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021672.D
 Acq: 09 Sep 2022 22:05

Tgt Ion: 88 Resp: 169
 Ion Ratio Lower Upper
 88 100
 43 266.3 35.8 53.8#
 58 73.4 57.1 85.7

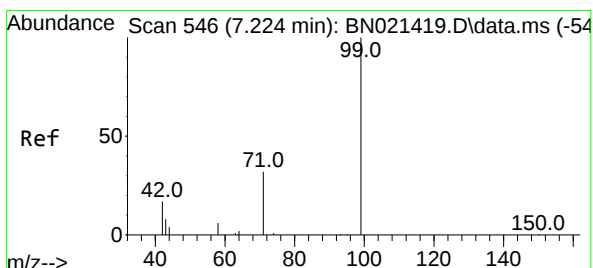
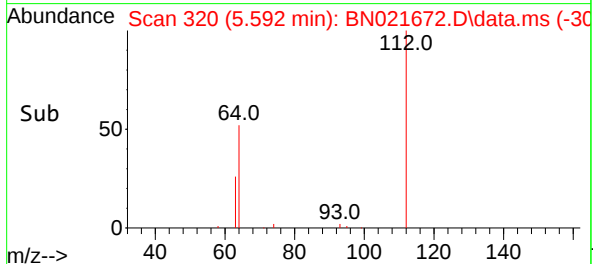
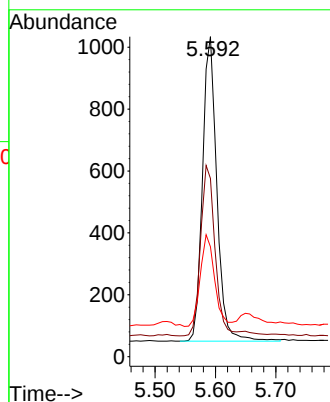
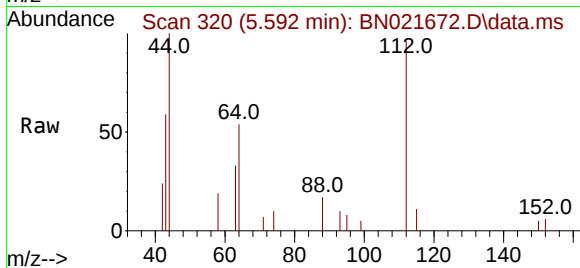




#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

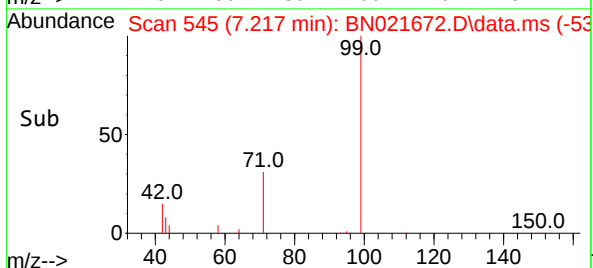
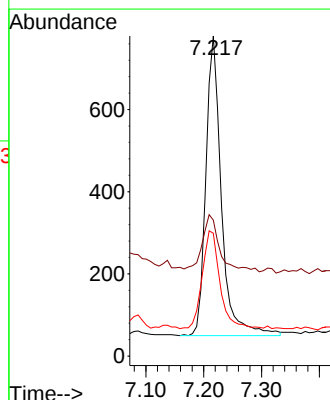
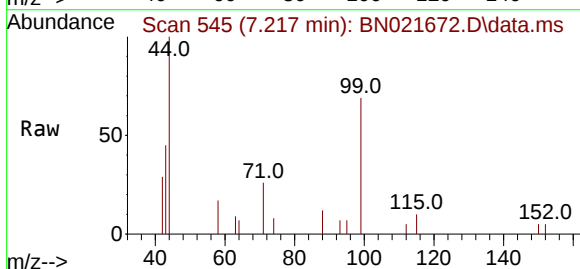
Instrument :
BNA_N
ClientSampleId :
MW-14B-43-48-090122

Tgt Ion:	112	Resp:	1627
Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.5	65.3
63	29.9	22.6	34.0



#5
Phenol-d6
Concen: 0.112 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Tgt Ion:	99	Resp:	1363
Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.5	23.3
71	37.3	24.2	36.2

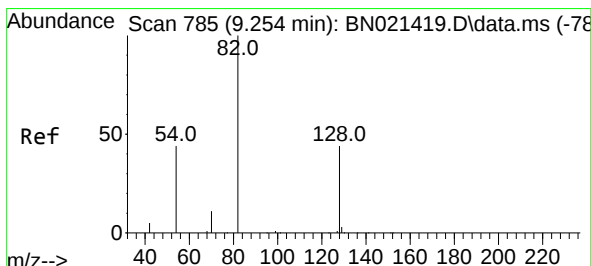
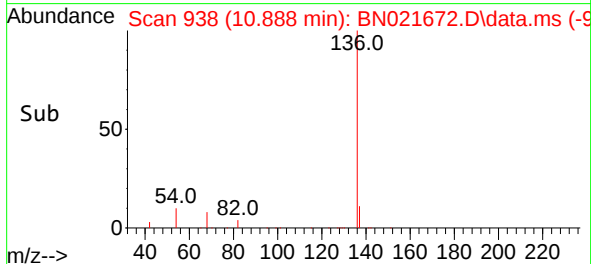
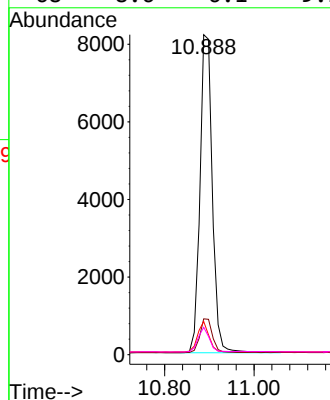
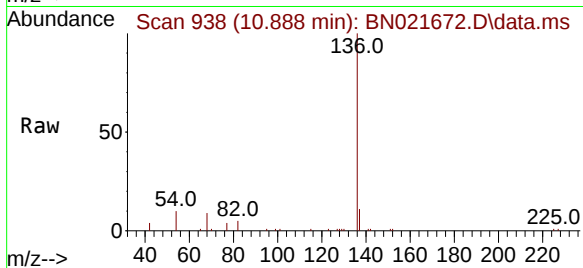




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

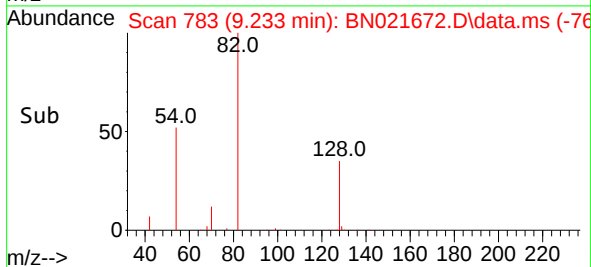
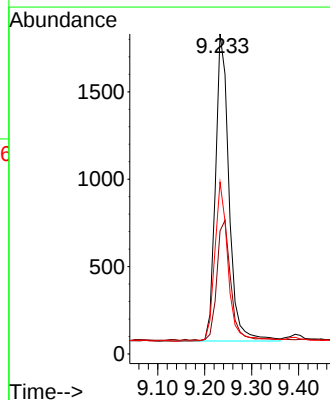
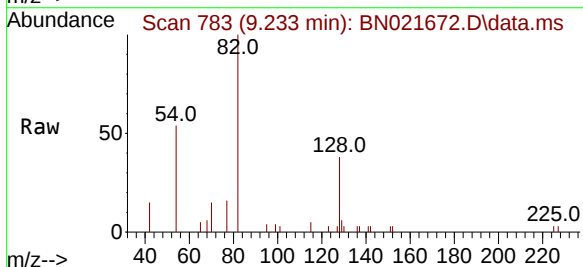
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BNA_N
ClientSampleId :
MW-14B-43-48-090122

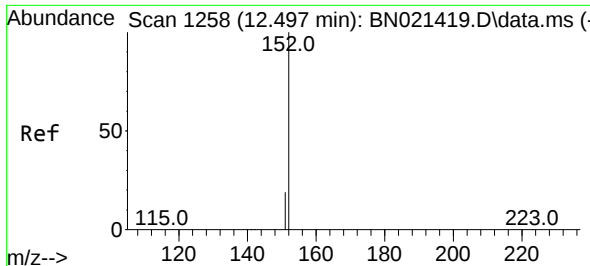
Tgt Ion:	136	Resp:	15823
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.4	6.9	10.3
68	8.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Tgt Ion:	82	Resp:	3523
Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.9	46.3
54	53.7	42.7	64.1

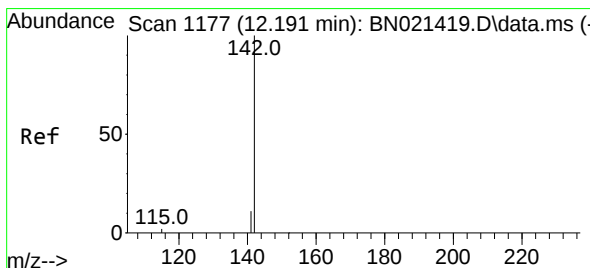
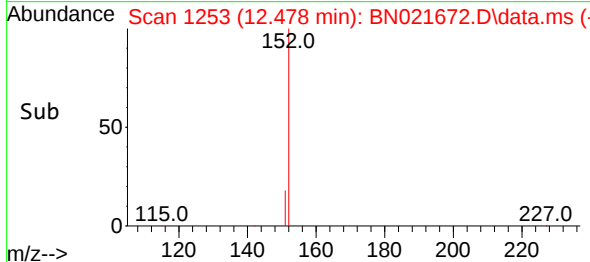
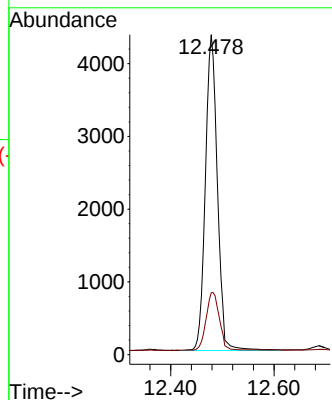
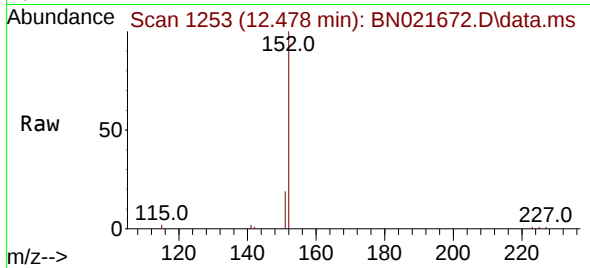




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.478 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

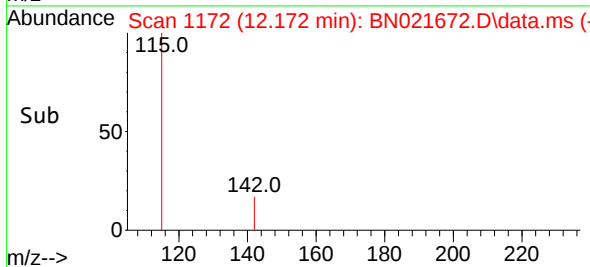
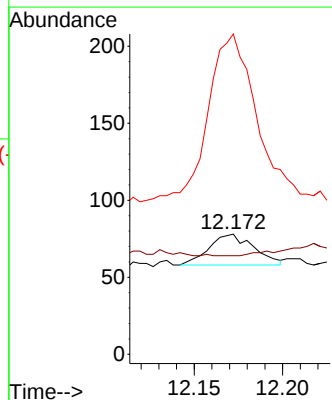
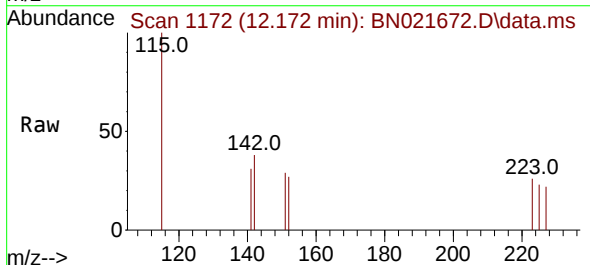
Instrument :
BNA_N
ClientSampleId :
MW-14B-43-48-090122

Tgt Ion:152 Resp: 10643
Ion Ratio Lower Upper
152 100
151 21.1 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.131 ng
RT: 12.172 min Scan# 1172
Delta R.T. -0.008 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Tgt Ion:142 Resp: 35
Ion Ratio Lower Upper
142 100
141 82.1 12.2 18.2#
115 266.7 7.9 11.9#

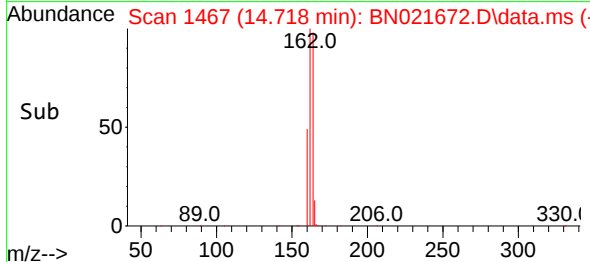
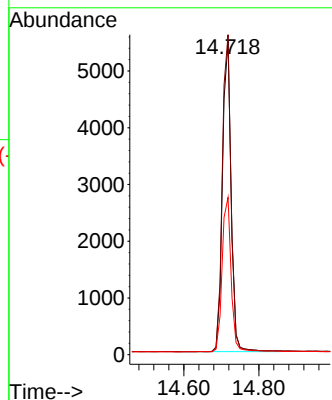
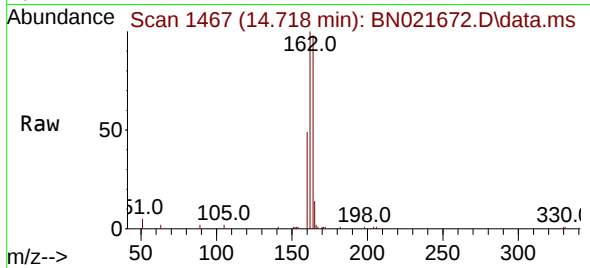




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

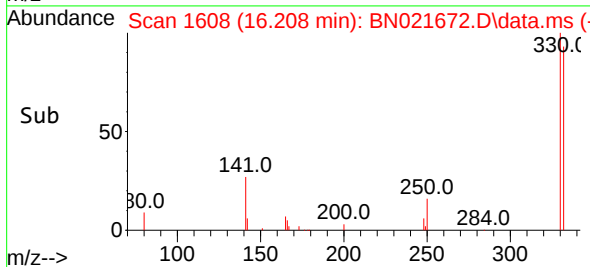
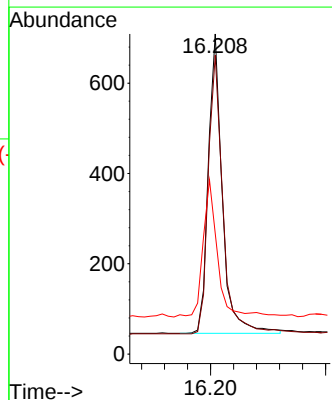
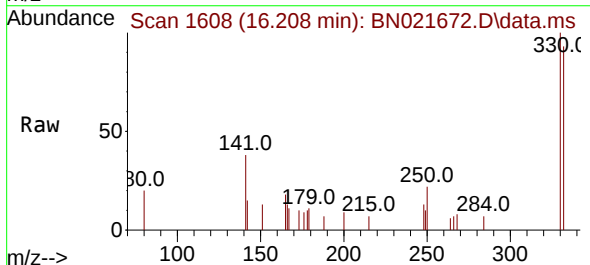
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MW-14B-43-48-090122

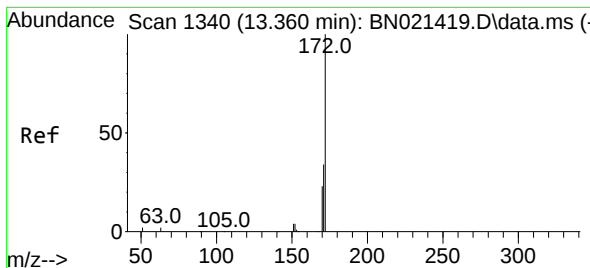
Tgt Ion:164 Resp: 8800
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.4
160 50.1 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Tgt Ion:330 Resp: 1129
Ion Ratio Lower Upper
330 100
332 96.8 79.3 118.9
141 47.6 37.1 55.7





#15

2-Fluorobiphenyl

Concen: 0.294 ng

RT: 13.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN021672.D

Acq: 09 Sep 2022 22:05

Instrument :

BNA_N

ClientSampleId :

MW-14B-43-48-090122

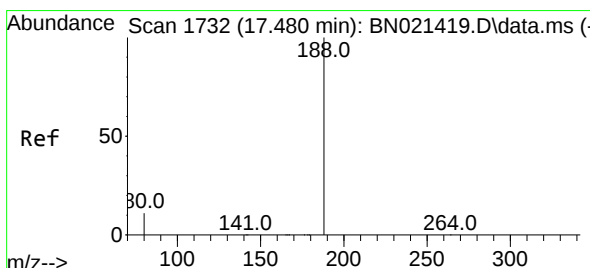
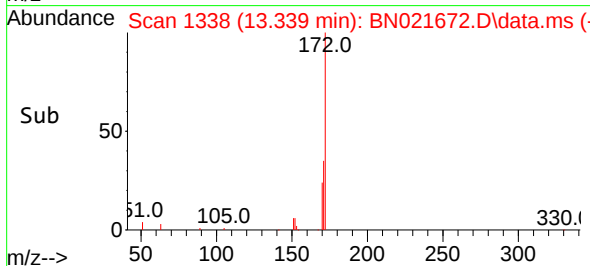
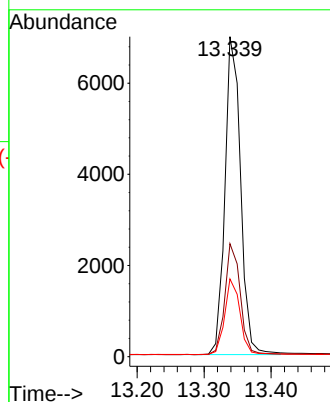
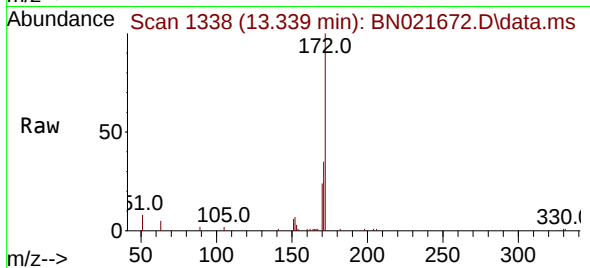
Tgt Ion:172 Resp: 11319

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

170 24.3 18.6 28.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.459 min Scan# 1730

Delta R.T. -0.010 min

Lab File: BN021672.D

Acq: 09 Sep 2022 22:05

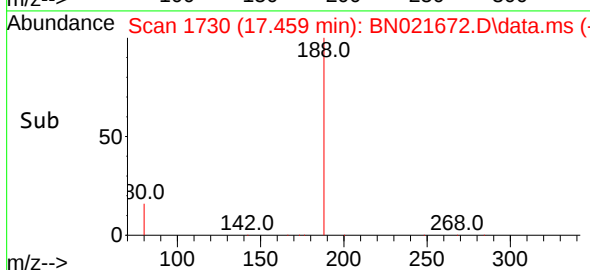
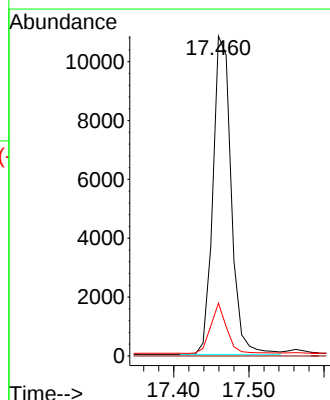
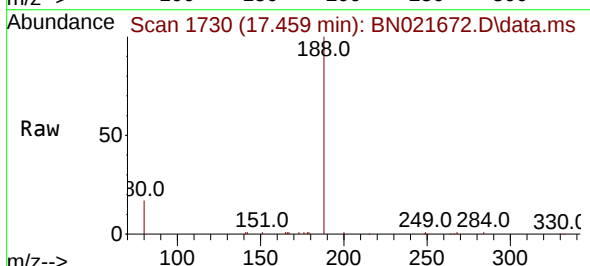
Tgt Ion:188 Resp: 18242

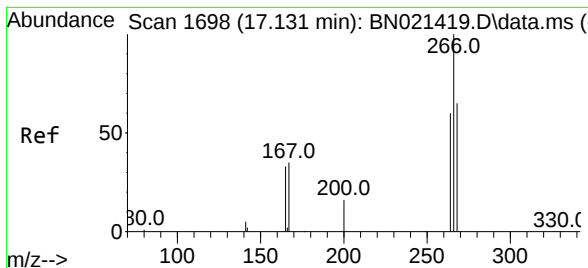
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.5 9.5 14.3#





#24

Pentachlorophenol

Concen: 0.205 ng

RT: 17.111 min Scan# 1696

Delta R.T. -0.010 min

Lab File: BN021672.D

Acq: 09 Sep 2022 22:05

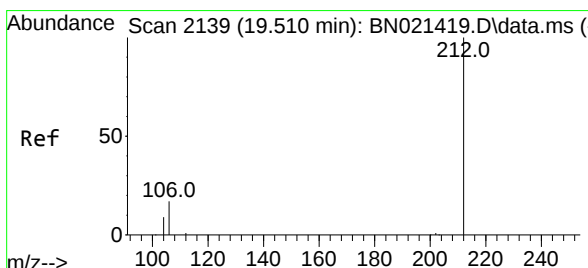
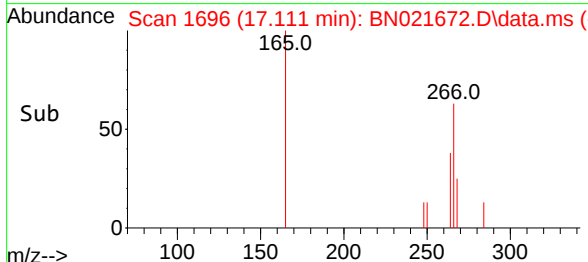
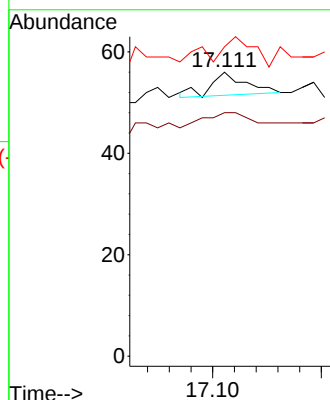
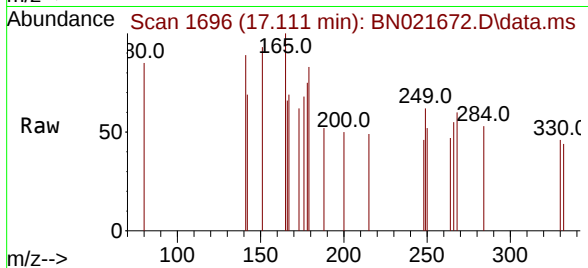
Instrument :

BNA_N

ClientSampleId :

MW-14B-43-48-090122

Tgt Ion:266	Resp:	10
Ion Ratio	Lower	Upper
266	100	
264	110.0	49.0 73.6#
268	110.0	50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.370 ng

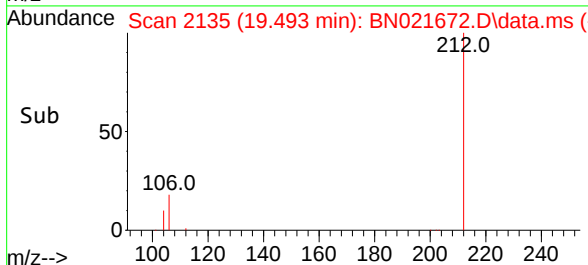
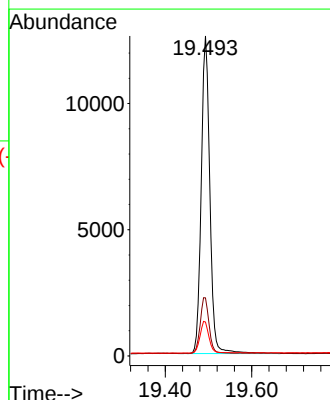
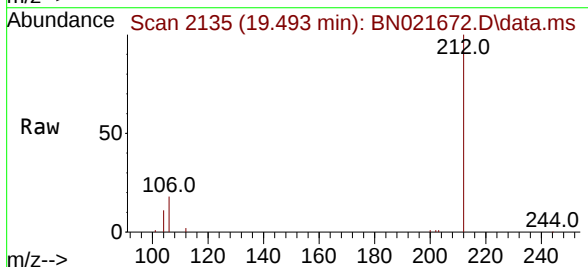
RT: 19.493 min Scan# 2135

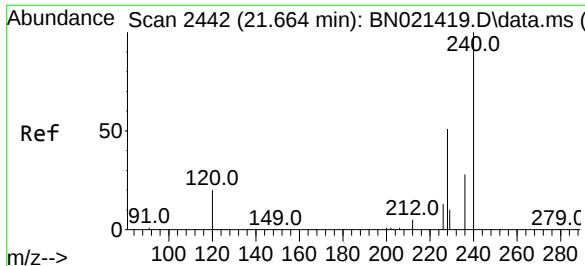
Delta R.T. -0.004 min

Lab File: BN021672.D

Acq: 09 Sep 2022 22:05

Tgt Ion:212	Resp:	17355
Ion Ratio	Lower	Upper
212	100	
106	18.1	14.2 21.2
104	10.1	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: BN021672.D

Acq: 09 Sep 2022 22:05

Instrument :

BNA_N

ClientSampleId :

MW-14B-43-48-090122

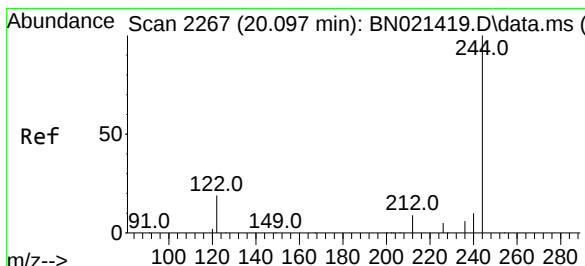
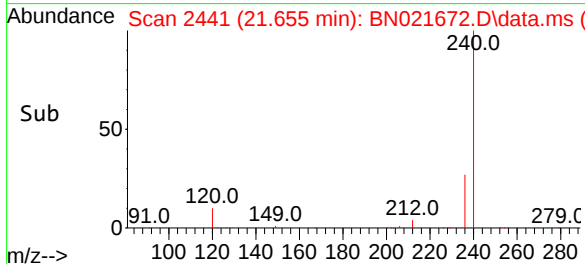
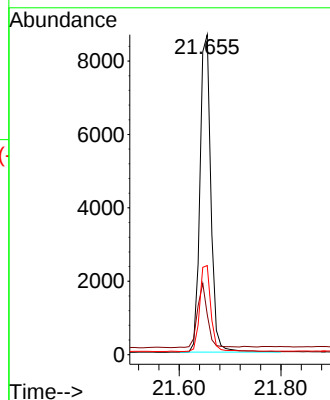
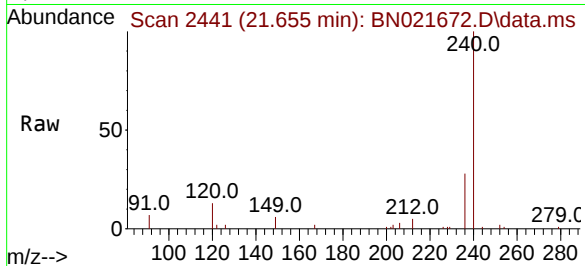
Tgt Ion:240 Resp: 12868

Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.4

236 27.9 22.1 33.1



#31

Terphenyl-d14

Concen: 0.435 ng

RT: 20.079 min Scan# 2265

Delta R.T. -0.009 min

Lab File: BN021672.D

Acq: 09 Sep 2022 22:05

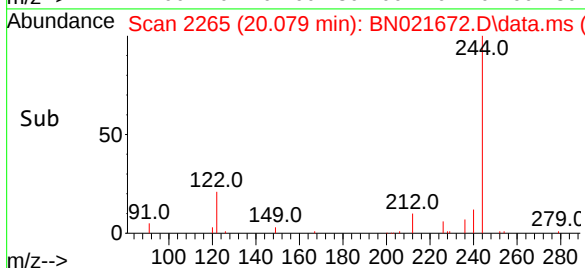
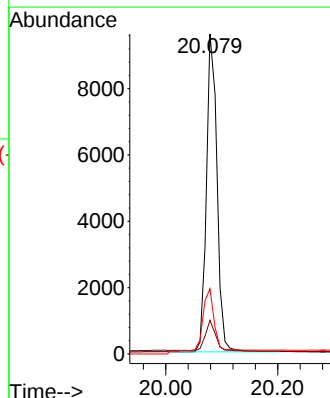
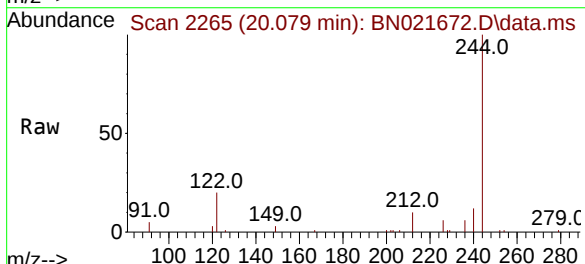
Tgt Ion:244 Resp: 12586

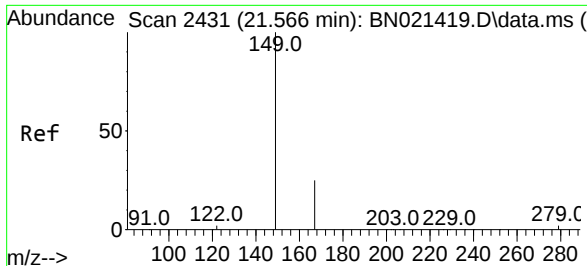
Ion Ratio Lower Upper

244 100

212 10.5 6.5 9.7#

122 20.4 9.1 13.7#

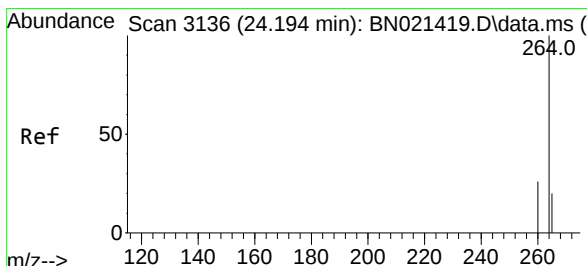
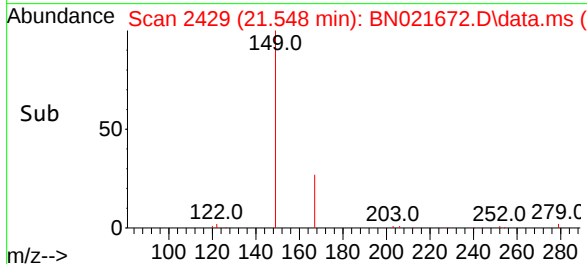
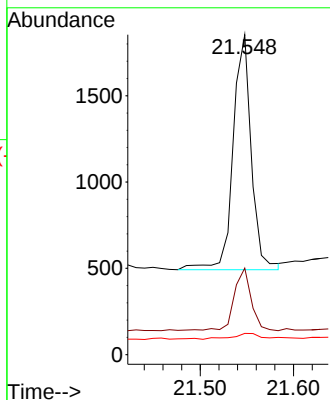
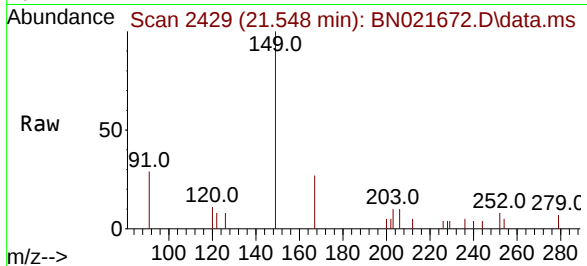




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.548 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Instrument :
BNA_N
ClientSampleId :
MW-14B-43-48-090122

Tgt Ion:149 Resp: 1847
Ion Ratio Lower Upper
149 100
167 24.7 21.4 32.0
279 3.3 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.162 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN021672.D
Acq: 09 Sep 2022 22:05

Tgt Ion:264 Resp: 9557
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 45.6 32.2 48.2

