

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021707.D
 Acq On : 10 Sep 2022 20:46
 Operator : CG/JU
 Sample : N4557-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220908

Quant Time: Sep 12 01:13:40 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)

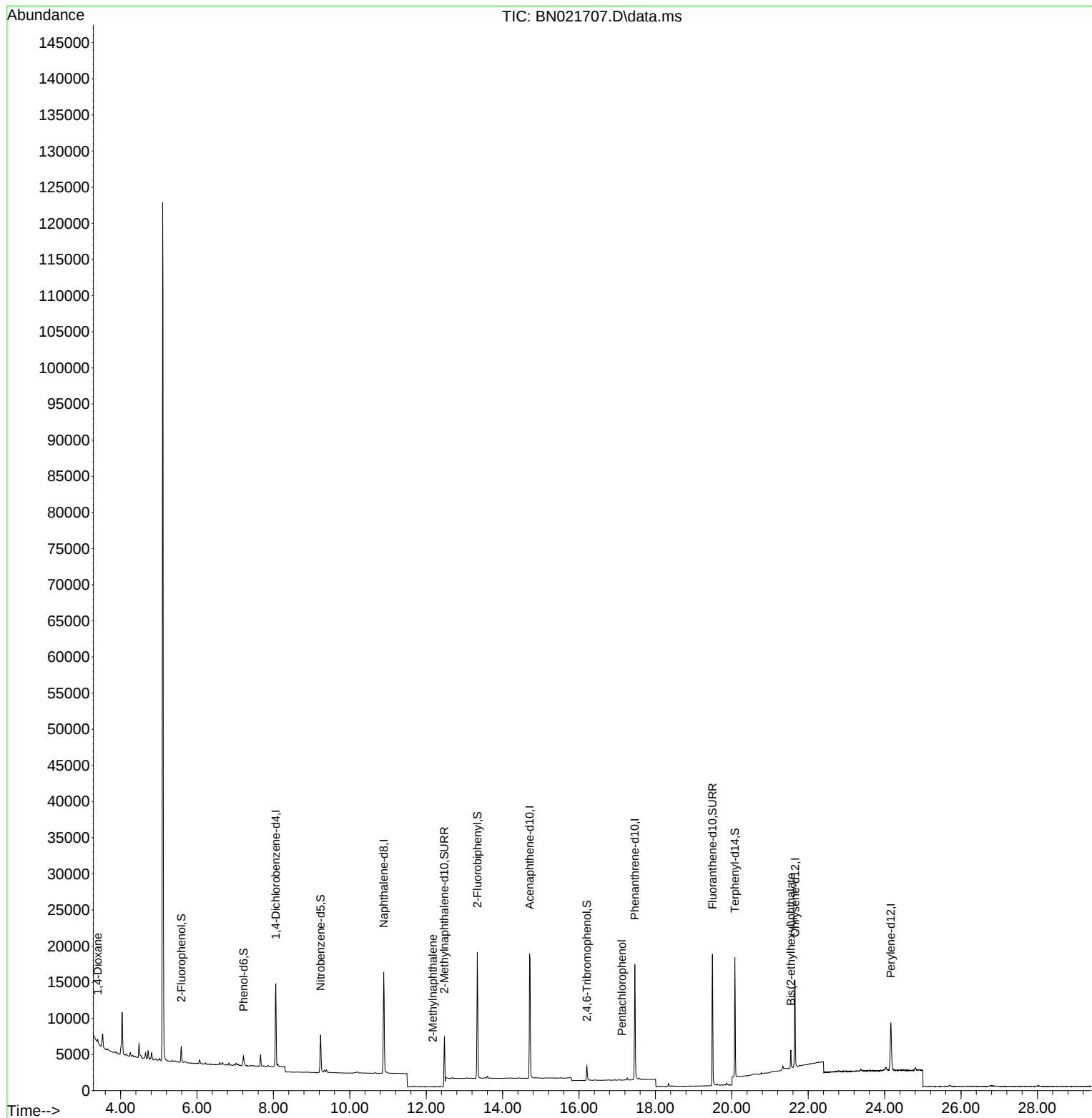
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5686	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	18959	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	11000	0.400	ng	-0.01
19) Phenanthrene-d10	17.460	188	21286	0.400	ng	-0.01
29) Chrysene-d12	21.655	240	12434	0.400	ng	0.00
35) Perylene-d12	24.162	264	9908	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1881	0.169	ng	0.00
5) Phenol-d6	7.217	99	1426	0.101	ng	0.00
8) Nitrobenzene-d5	9.233	82	4662	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	14931	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1213	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	14737	0.306	ng	0.00
27) Fluoranthene-d10	19.493	212	19649	0.359	ng	0.00
31) Terphenyl-d14	20.079	244	12337	0.441	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	186	0.026	ng	# 1
12) 2-Methylnaphthalene	12.172	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	4	0.203	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.548	149	2688	0.154	ng	# 94

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

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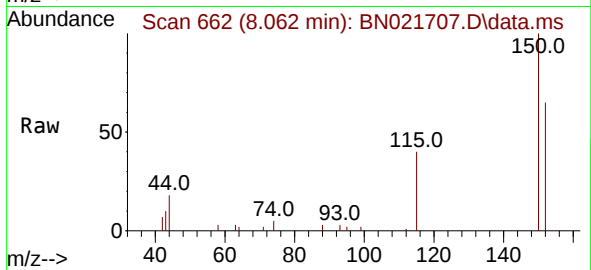
Quant Time: Sep 12 01:13:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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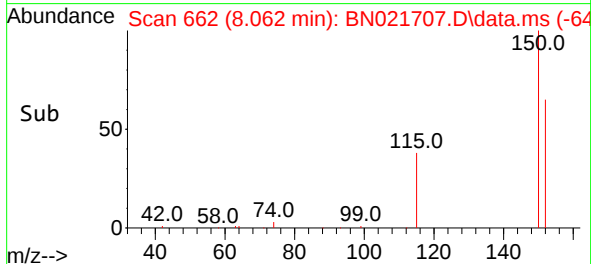
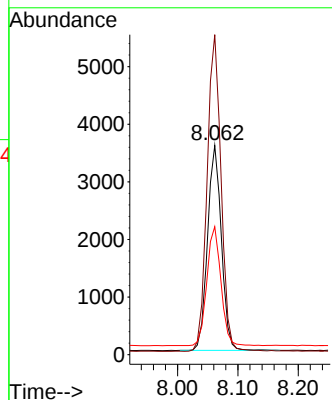


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Instrument :
BNA_N
ClientSampleId :
SP-303-20220908

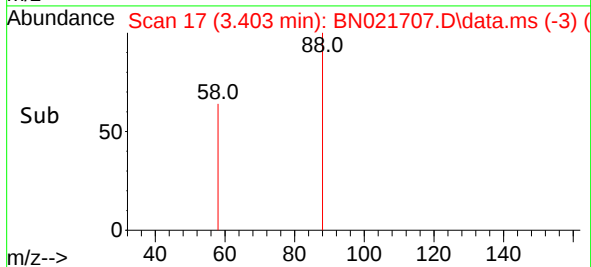
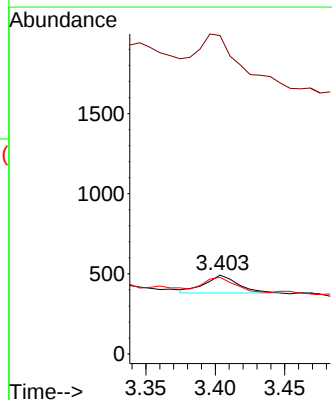
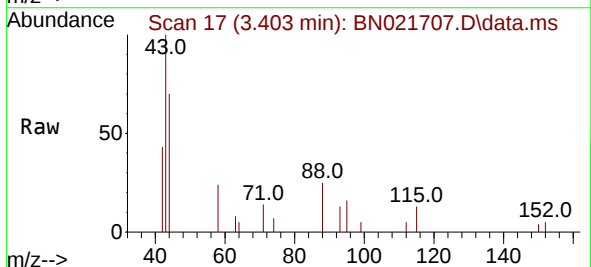


Tgt Ion:152 Resp: 5686
Ion Ratio Lower Upper
152 100
150 152.9 121.4 182.0
115 61.2 48.6 72.8



#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 324.7 35.8 53.8#
58 78.5 57.1 85.7

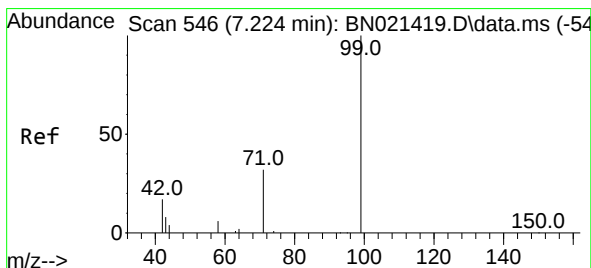
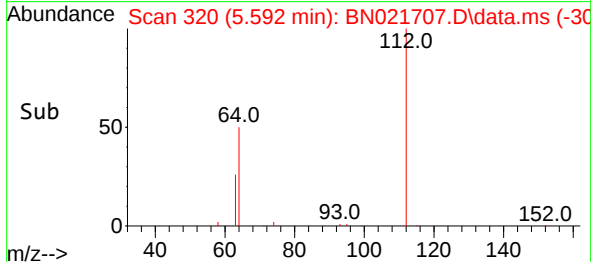
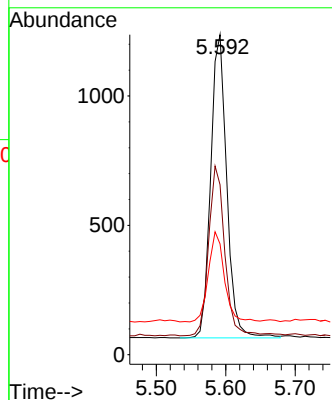
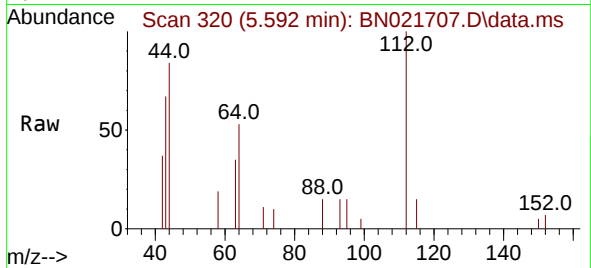




#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

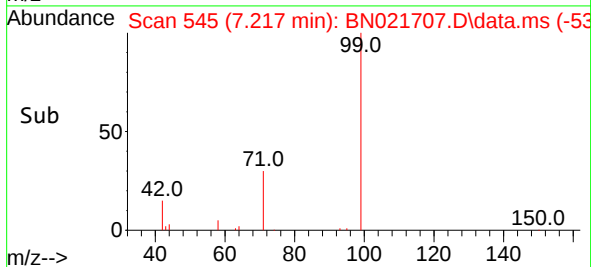
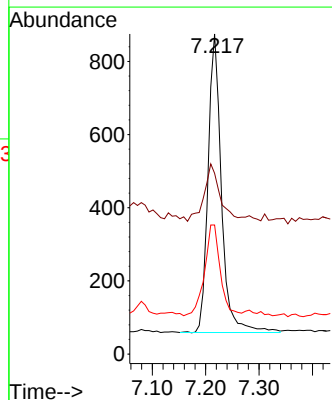
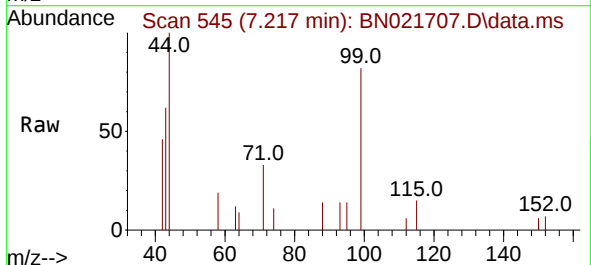
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BNA_N
ClientSampleId :
SP-303-20220908

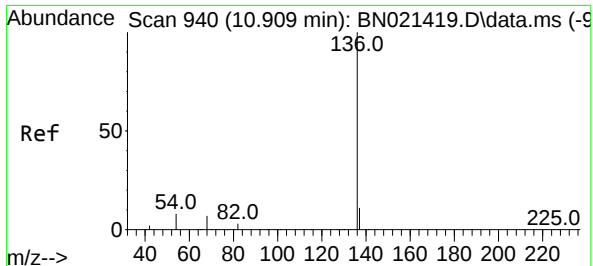
Tgt Ion:112 Resp: 1881
Ion Ratio Lower Upper
112 100
64 56.9 43.5 65.3
63 29.5 22.6 34.0



#5
Phenol-d6
Concen: 0.101 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion: 99 Resp: 1426
Ion Ratio Lower Upper
99 100
42 22.3 15.5 23.3
71 35.6 24.2 36.2

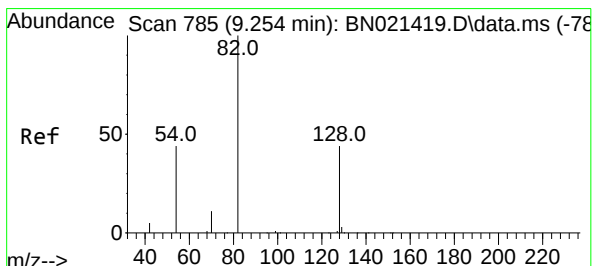
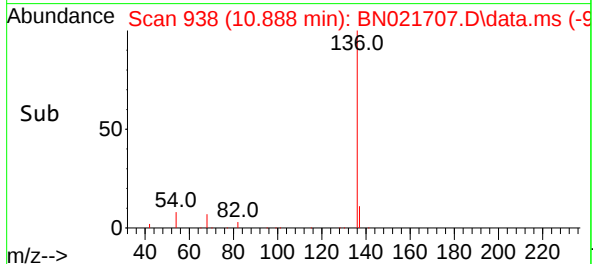
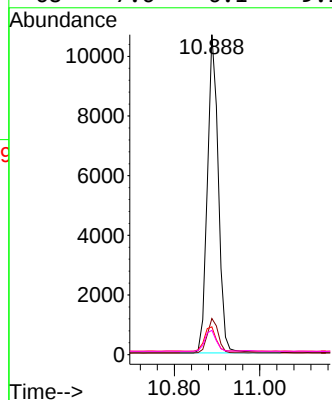
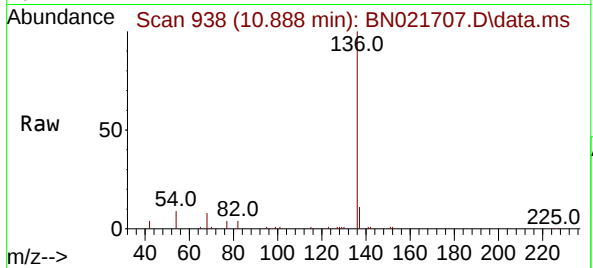




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

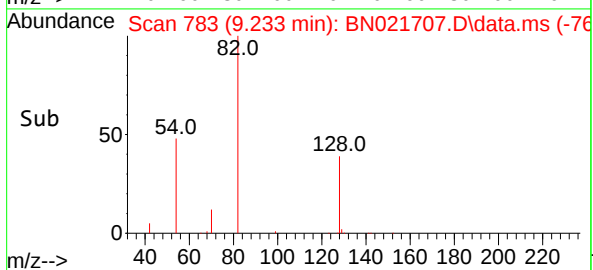
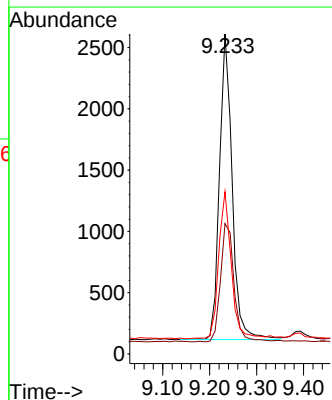
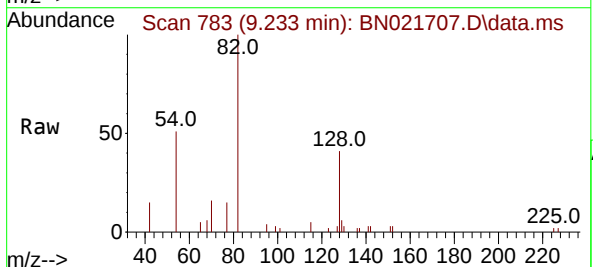
Instrument :
BNA_N
ClientSampleId :
SP-303-20220908

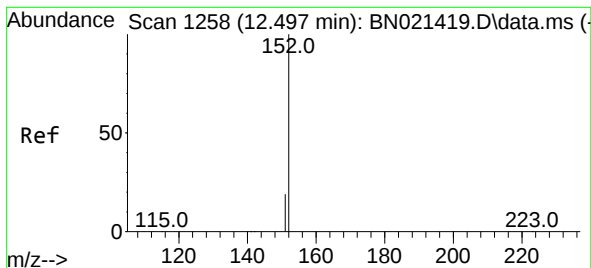
Tgt Ion:	136	Resp:	18959
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.7	6.9	10.3
68	7.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion:	82	Resp:	4662
Ion Ratio	Lower	Upper	
82	100		
128	40.8	30.9	46.3
54	50.7	42.7	64.1

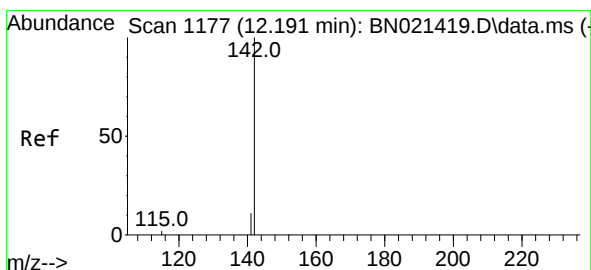
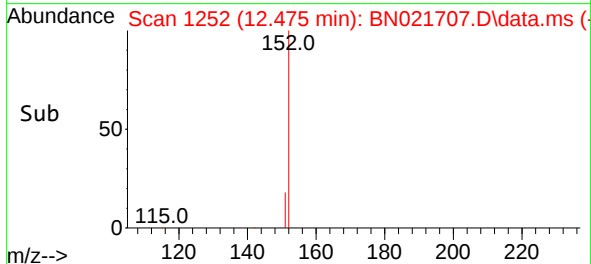
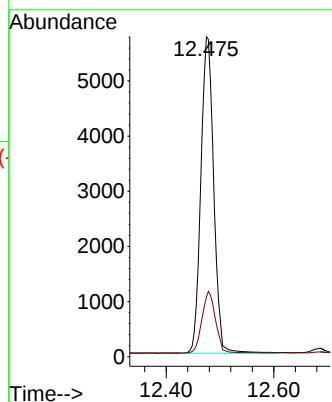
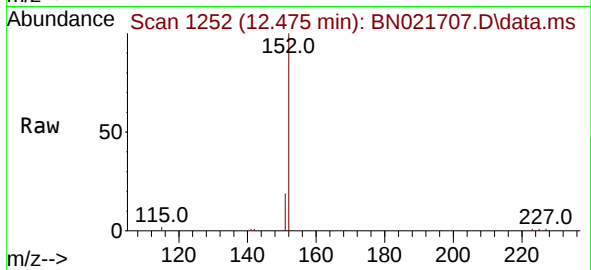




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

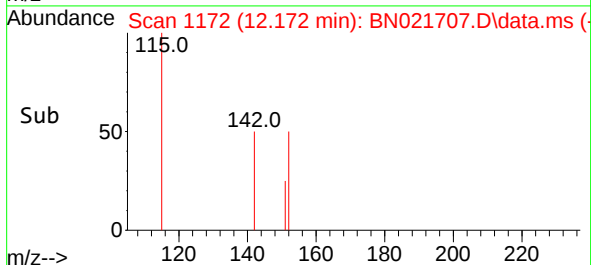
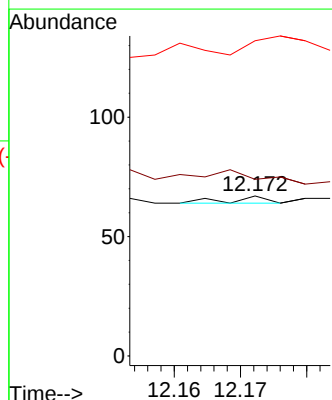
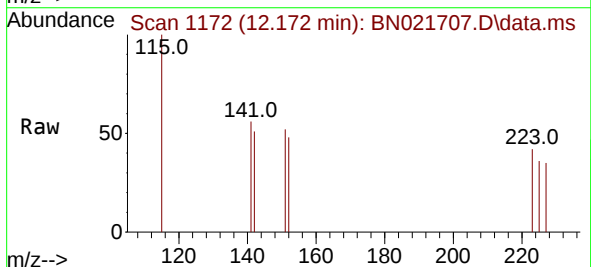
Instrument :
BNA_N
ClientSampleId :
SP-303-20220908

Tgt Ion:152 Resp: 14931
Ion Ratio Lower Upper
152 100
151 19.8 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: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 110.4 12.2 18.2#
115 197.0 7.9 11.9#

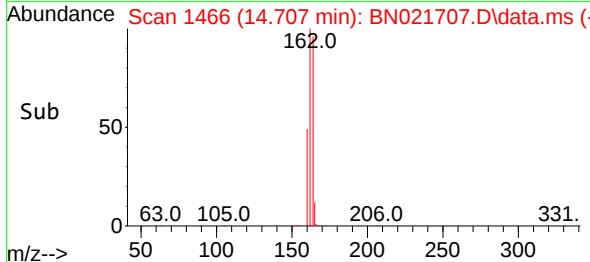
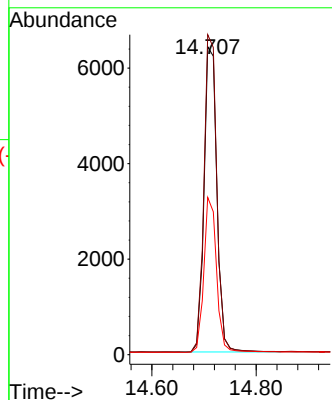
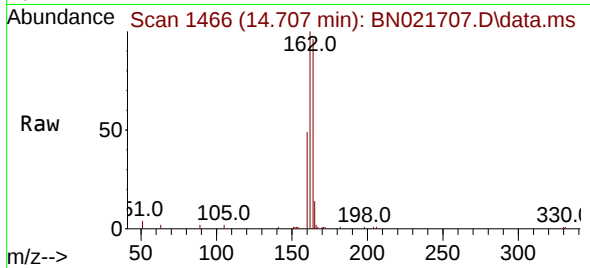




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

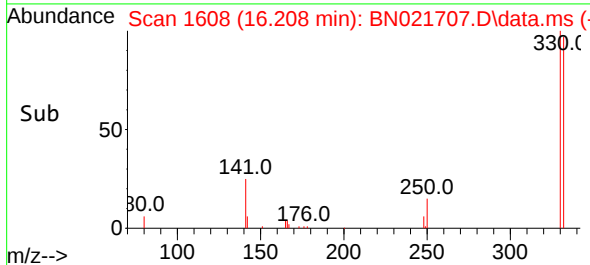
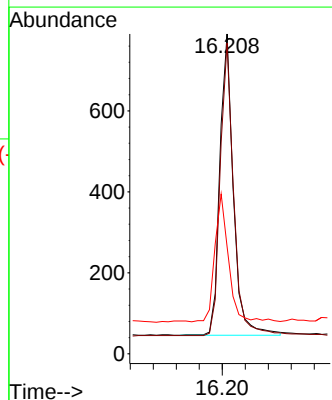
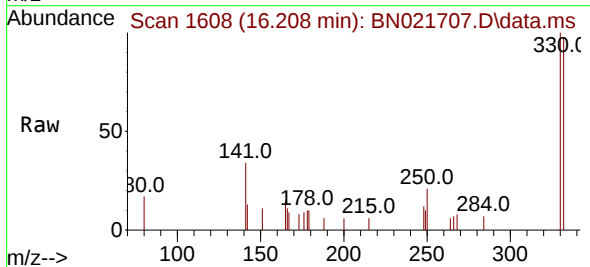
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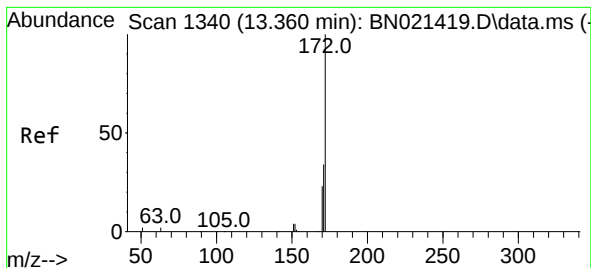
Tgt Ion:164 Resp: 11000
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 51.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion:330 Resp: 1213
Ion Ratio Lower Upper
330 100
332 96.2 79.3 118.9
141 43.1 37.1 55.7

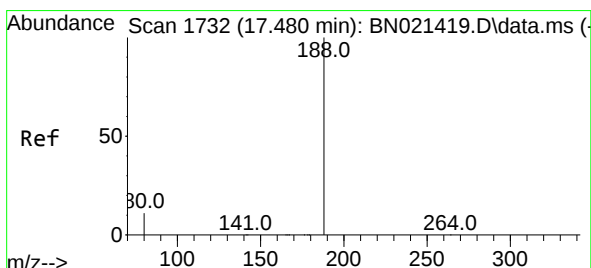
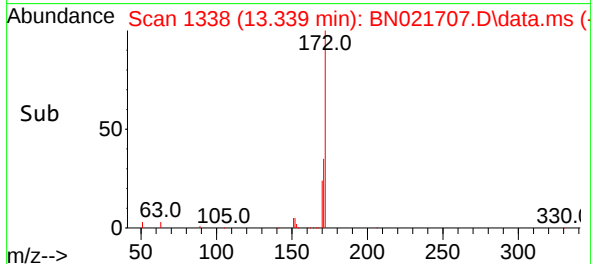
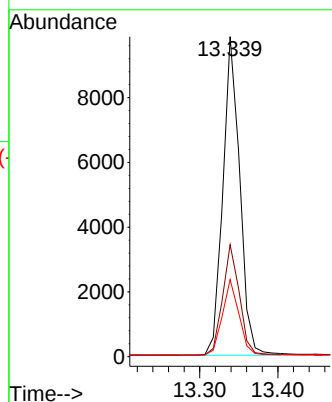
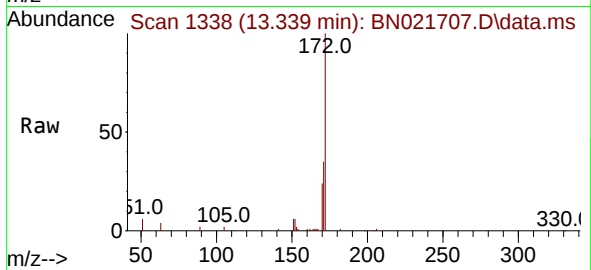




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

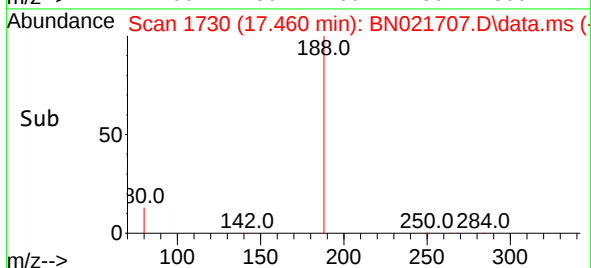
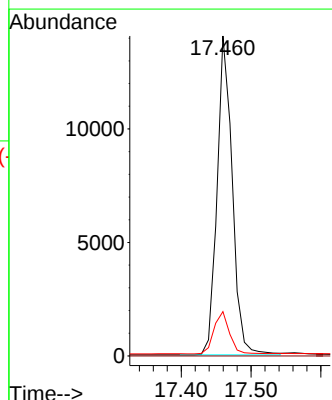
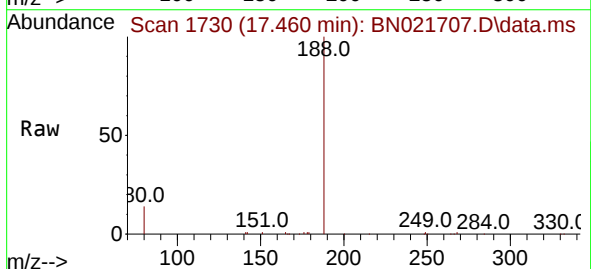
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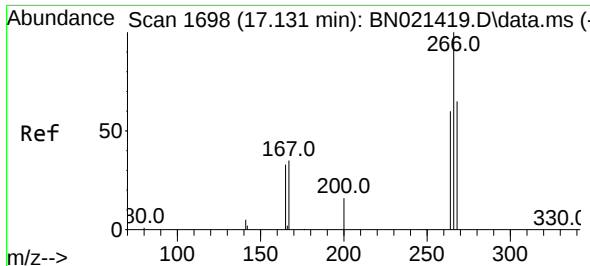
Tgt Ion:172 Resp: 14737
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.1 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021707.D
Acq: 10 Sep 2022 20:46

Tgt Ion:188 Resp: 21286
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3

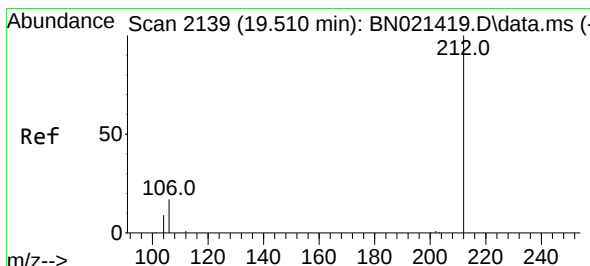
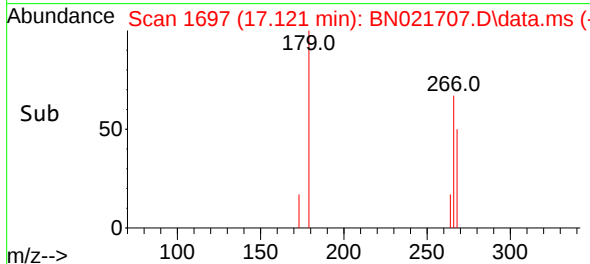
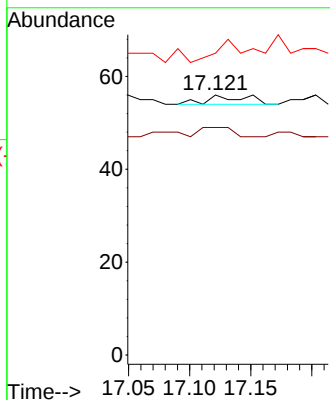
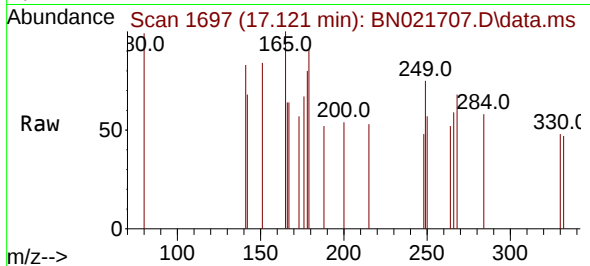




#24
 Pentachlorophenol
 Concen: 0.203 ng
 RT: 17.121 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN021707.D
 Acq: 10 Sep 2022 20:46

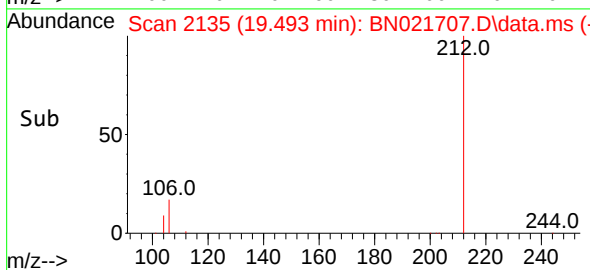
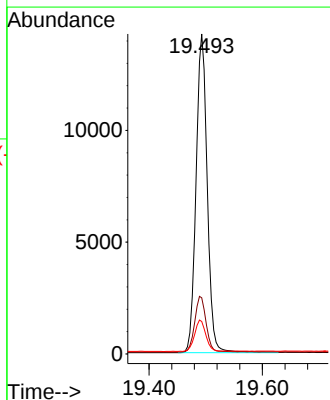
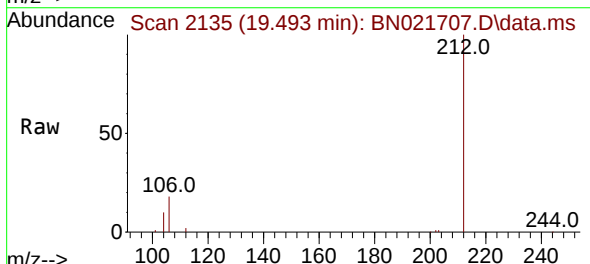
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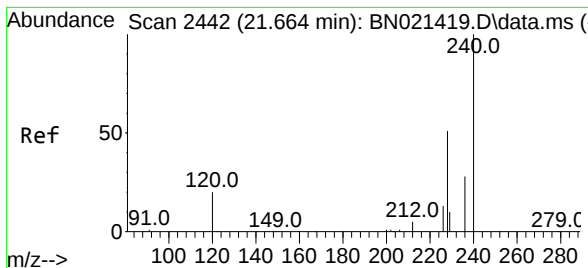
Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 100.0 49.0 73.6#
 268 0.0 50.9 76.3#



#27
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.493 min Scan# 2135
 Delta R.T. -0.004 min
 Lab File: BN021707.D
 Acq: 10 Sep 2022 20:46

Tgt Ion:212 Resp: 19649
 Ion Ratio Lower Upper
 212 100
 106 17.9 14.2 21.2
 104 10.0 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: BN021707.D

Acq: 10 Sep 2022 20:46

Instrument :

BNA_N

ClientSampleId :

SP-303-20220908

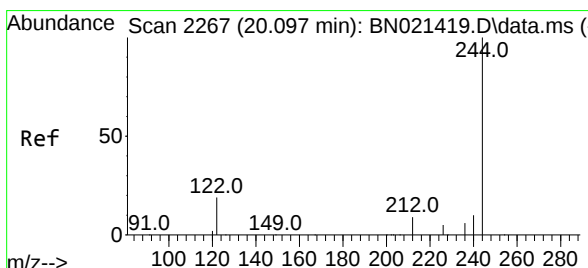
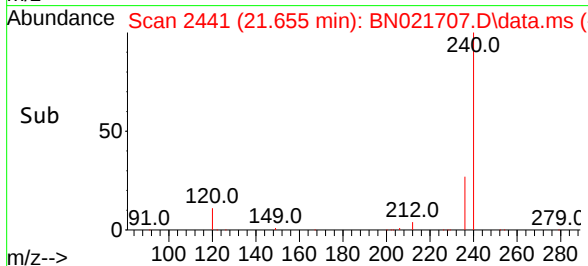
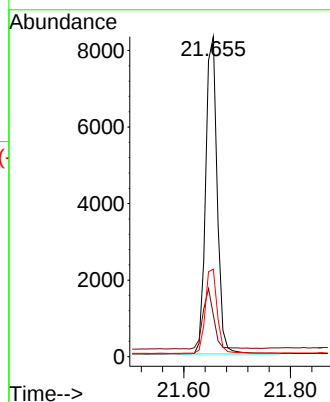
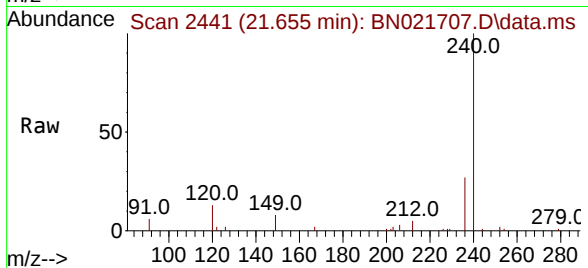
Tgt Ion:240 Resp: 12434

Ion Ratio Lower Upper

240 100

120 13.1 10.2 15.4

236 27.3 22.1 33.1



#31

Terphenyl-d14

Concen: 0.441 ng

RT: 20.079 min Scan# 2265

Delta R.T. -0.009 min

Lab File: BN021707.D

Acq: 10 Sep 2022 20:46

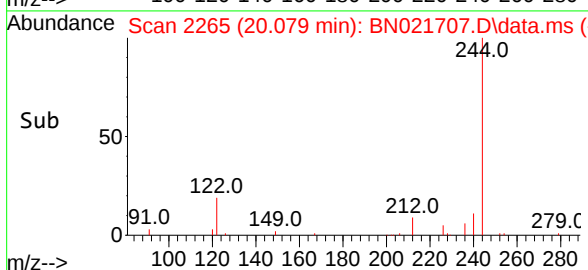
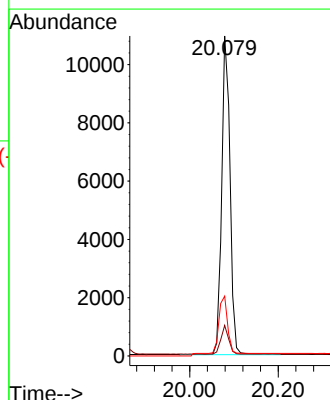
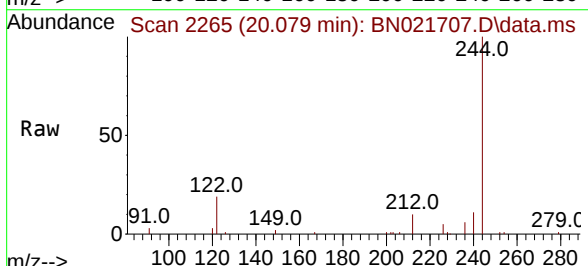
Tgt Ion:244 Resp: 12337

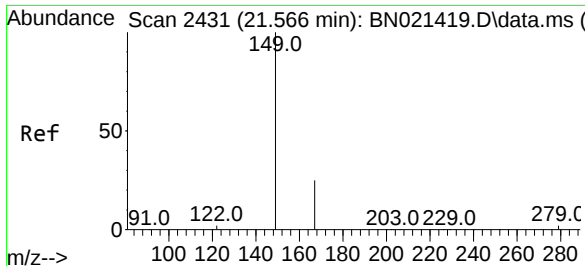
Ion Ratio Lower Upper

244 100

212 9.6 6.5 9.7

122 18.7 9.1 13.7#

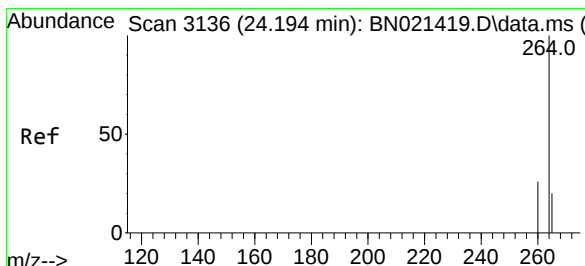
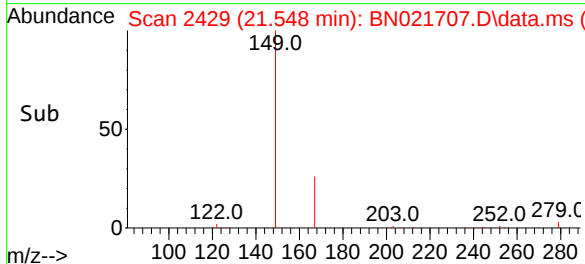
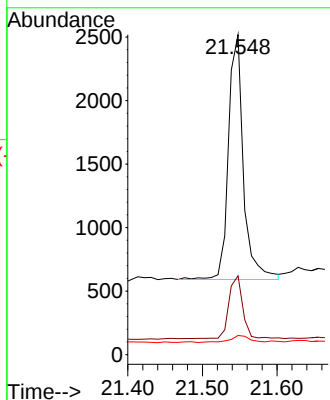
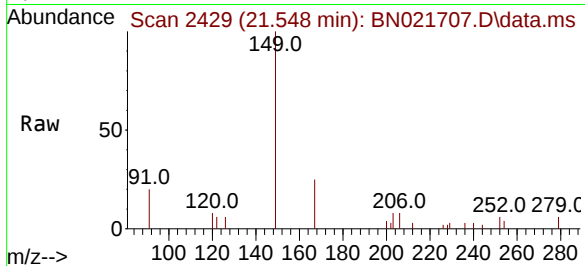




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021707.D
 Acq: 10 Sep 2022 20:46

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220908

Tgt Ion:149 Resp: 2688
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.4 32.0
 279 3.9 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: BN021707.D
 Acq: 10 Sep 2022 20:46

Tgt Ion:264 Resp: 9908
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.0 31.6
 265 50.8 32.2 48.2#

