

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032571.D
 Acq On : 09 Jul 2024 04:17
 Operator : MA/JU
 Sample : P3156-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070224RE

Quant Time: Jul 09 04:54:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

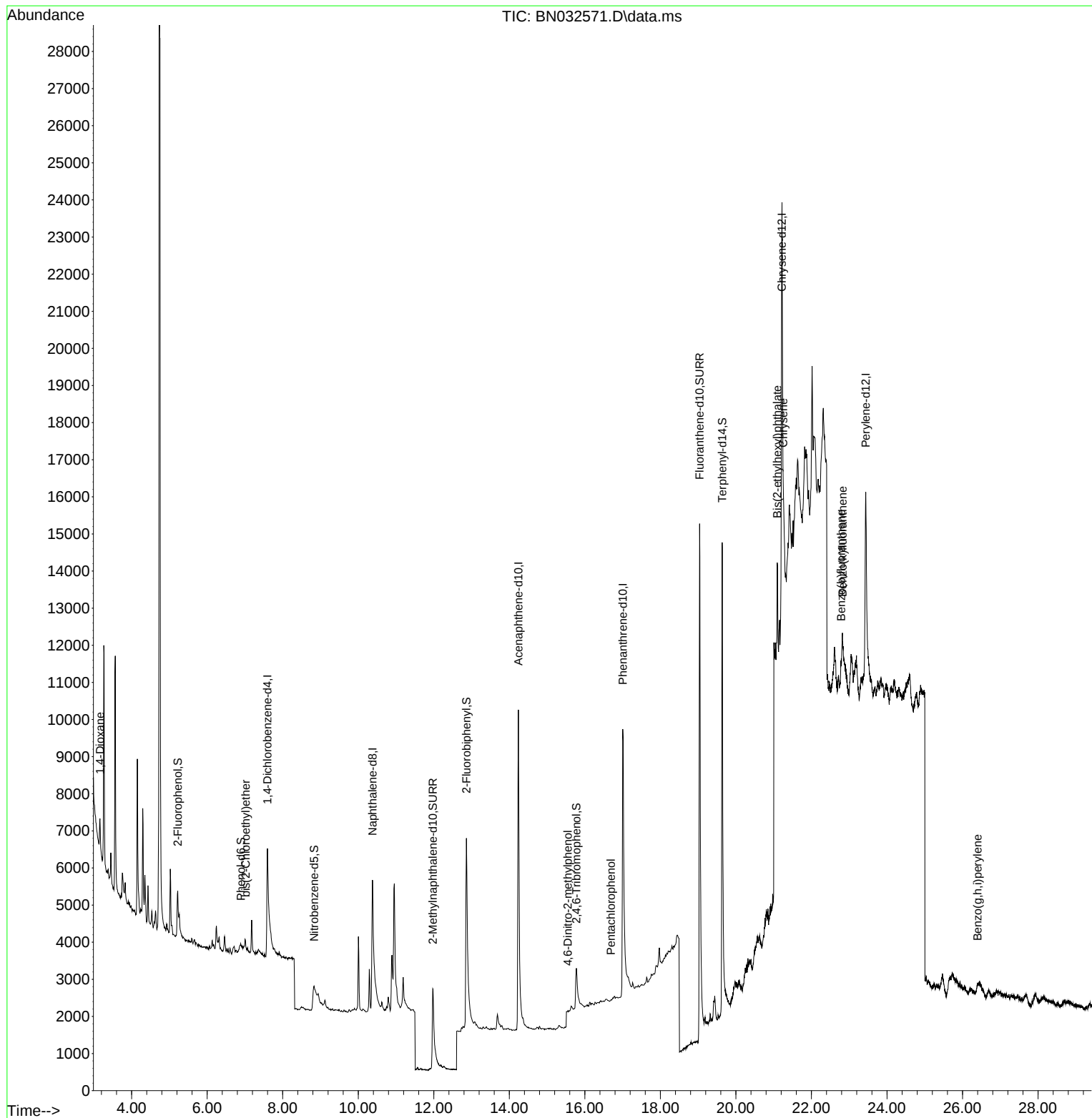
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	3300	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	10785	0.400	ng	# 0.00
13) Acenaphthene-d10	14.242	164	8118	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	19235	0.400	ng	# 0.00
29) Chrysene-d12	21.220	240	17734	0.400	ng	# 0.00
35) Perylene-d12	23.437	264	10517	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2062	0.247	ng	0.00
5) Phenol-d6	6.895	99	1057	0.099	ng	0.07
8) Nitrobenzene-d5	8.830	82	2248	0.279	ng	0.03
11) 2-Methylnaphthalene-d10	11.975	152	7005	0.411	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1291	0.351	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	10276	0.344	ng	0.00
27) Fluoranthene-d10	19.040	212	23280	0.464	ng	0.00
31) Terphenyl-d14	19.639	244	18868	0.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	604	0.139	ng	# 38
6) bis(2-Chloroethyl)ether	7.018	93	54	0.092	ng	94
20) 4,6-Dinitro-2-methylph...	15.552	198	9	0.200	ng	# 1
24) Pentachlorophenol	16.693	266	22	0.172	ng	# 33
33) Chrysene	21.256	228	1527	0.022	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.095	149	3031	0.076	ng	# 96
37) Benzo(b)fluoranthene	22.785	252	980	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	1069	0.026	ng	# 1
41) Benzo(g,h,i)perylene	26.399	276	746	0.021	ng	# 1

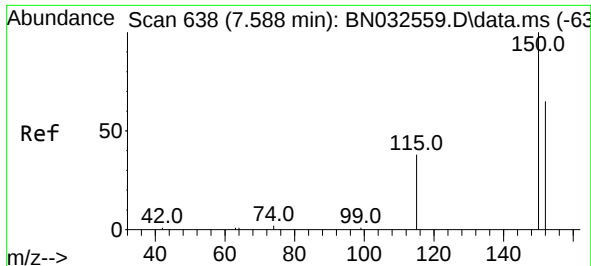
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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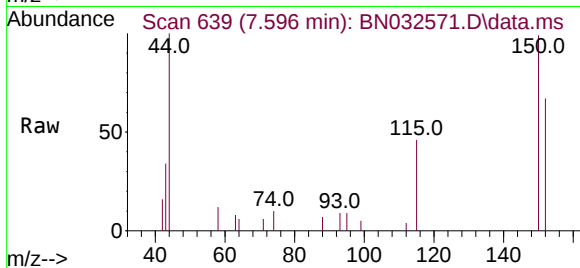
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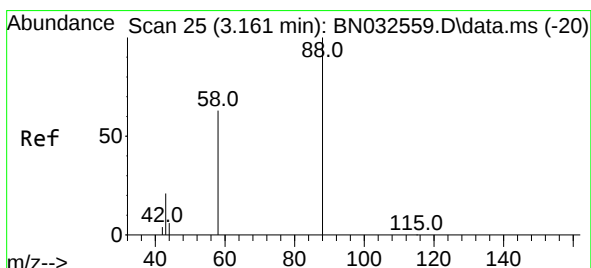
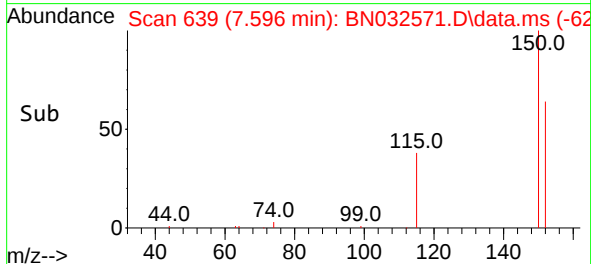
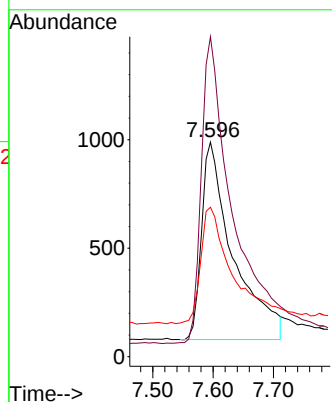


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.596 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070224RE

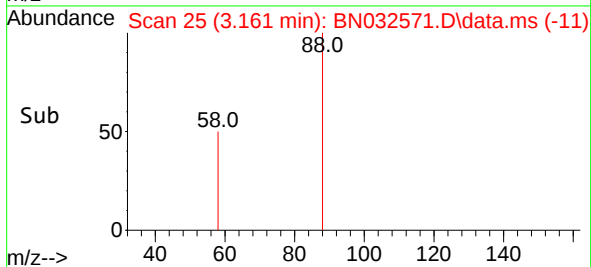
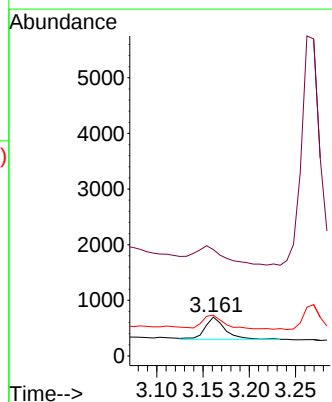
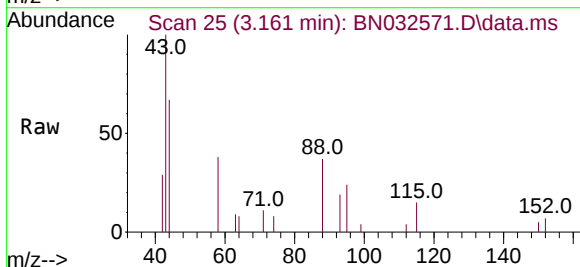


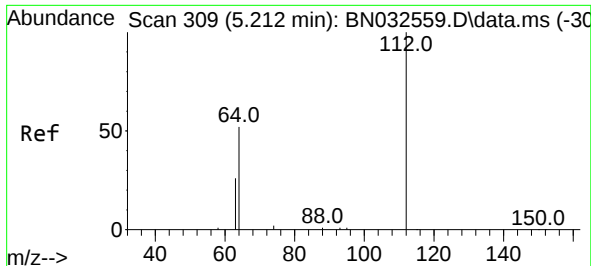
Tgt Ion: 152 Resp: 3300
 Ion Ratio Lower Upper
 152 100
 150 149.1 121.6 182.4
 115 69.7 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.139 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

Tgt Ion: 88 Resp: 604
 Ion Ratio Lower Upper
 88 100
 43 128.6 20.4 30.6#
 58 68.0 51.0 76.6

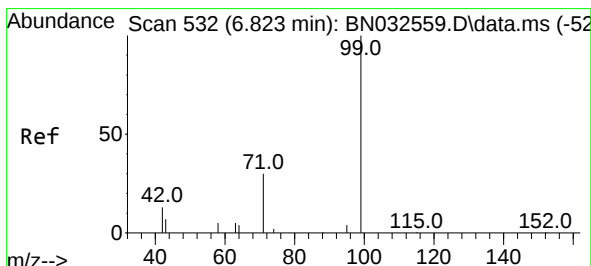
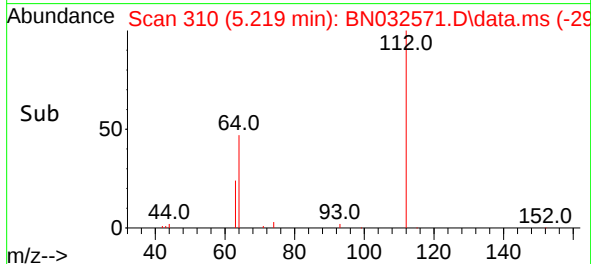
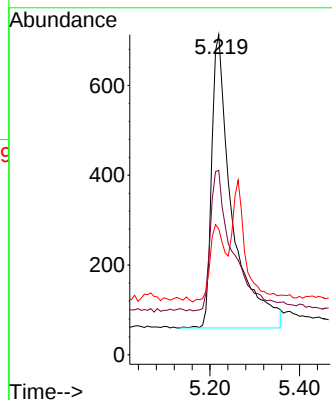
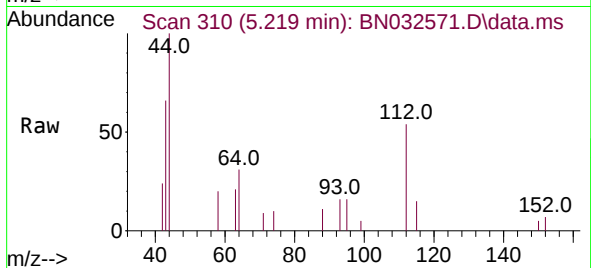




#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

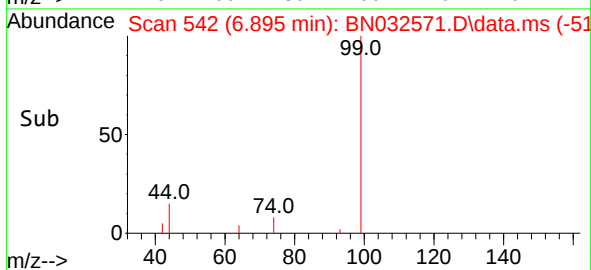
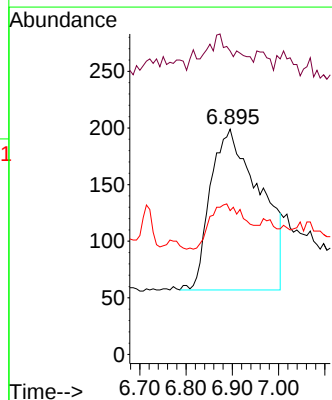
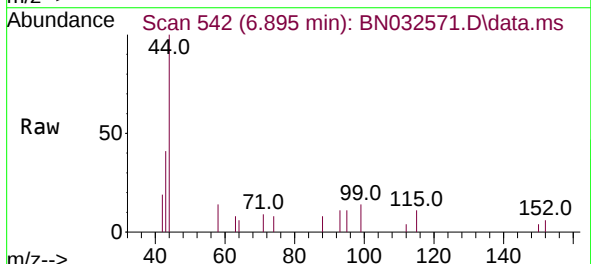
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BNA_N
ClientSampleId :
EB-01-070224RE

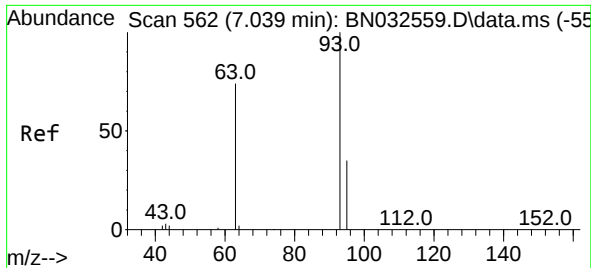
Tgt Ion:112 Resp: 2062
Ion Ratio Lower Upper
112 100
64 52.4 41.2 61.8
63 19.6 21.6 32.4#



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.895 min Scan# 542
Delta R.T. 0.072 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion: 99 Resp: 1057
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 19.7 25.2 37.8#

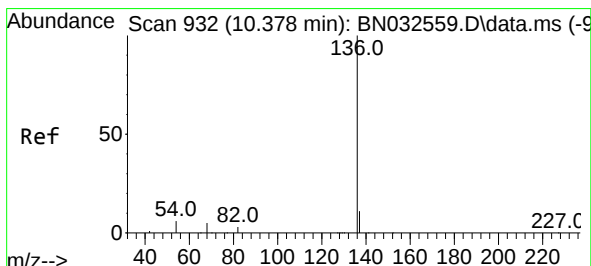
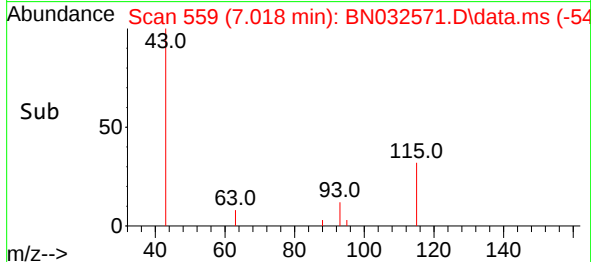
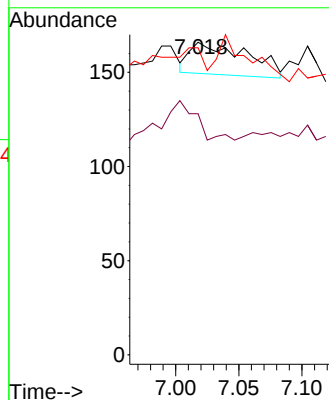
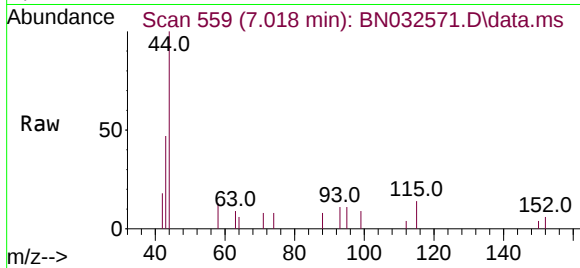




#6
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 7.018 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

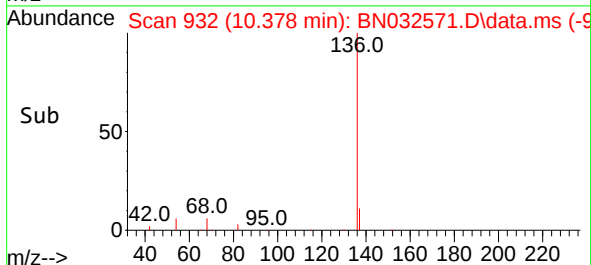
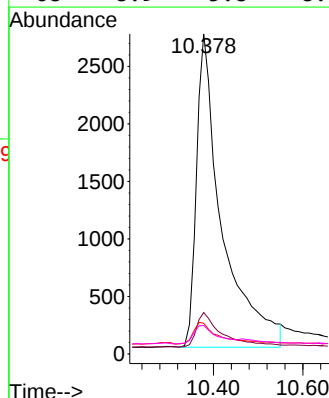
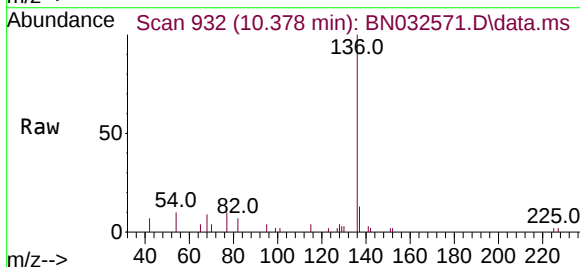
Instrument :
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ClientSampleId :
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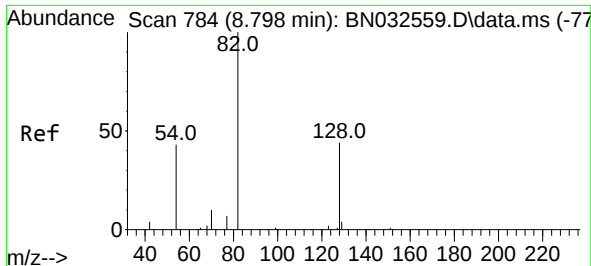
Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
63 63.0 54.1 81.1
95 42.6 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion:136 Resp: 10785
Ion Ratio Lower Upper
136 100
137 13.0 10.0 15.0
54 9.6 6.6 9.8
68 8.9 5.8 8.8#

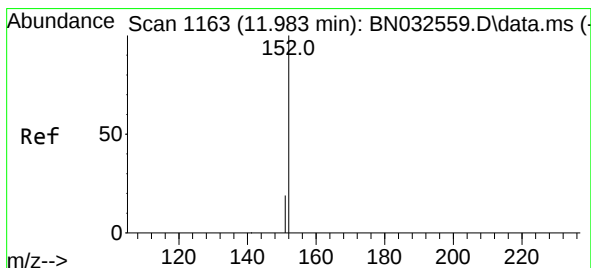
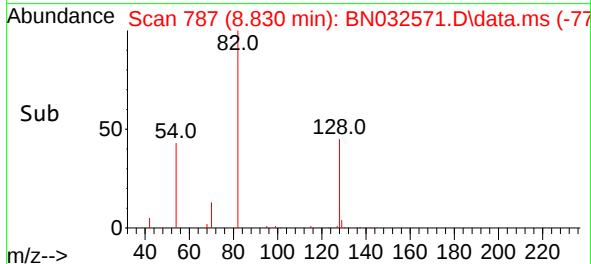
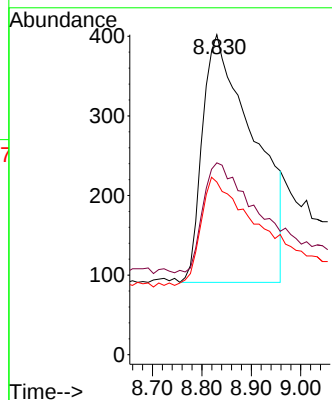
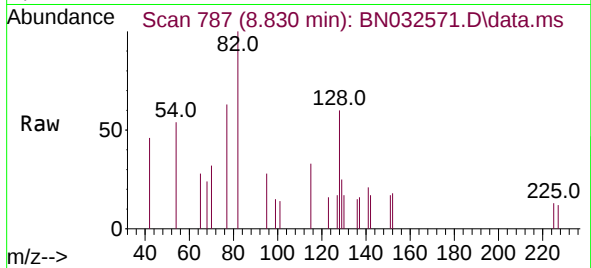




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.830 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

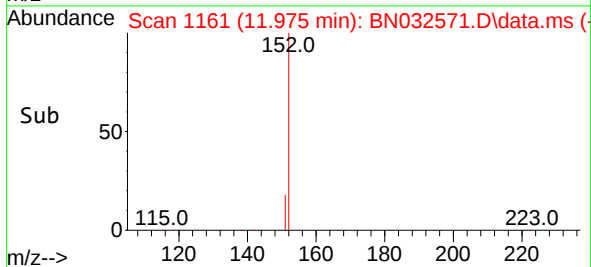
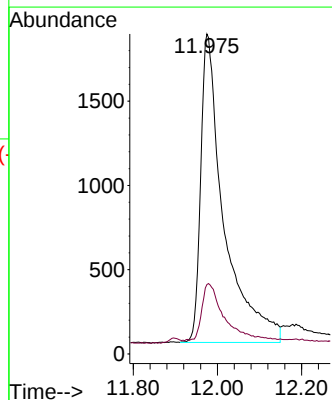
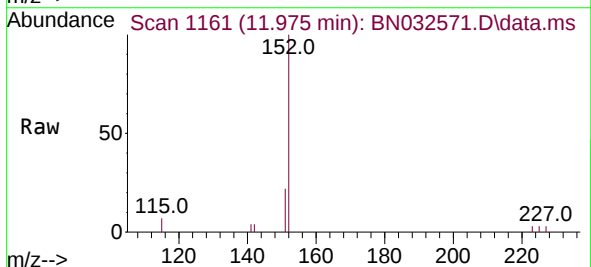
Instrument :
BNA_N
ClientSampleId :
EB-01-070224RE

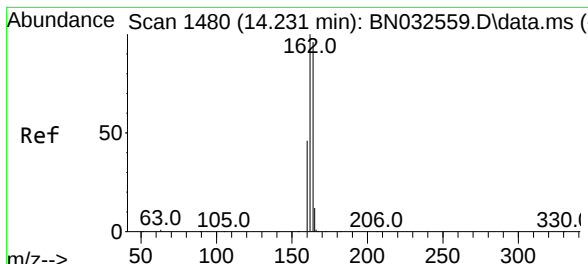
Tgt Ion: 82 Resp: 2248
Ion Ratio Lower Upper
82 100
128 60.0 43.4 65.2
54 54.0 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.007 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion: 152 Resp: 7005
Ion Ratio Lower Upper
152 100
151 16.7 16.4 24.6

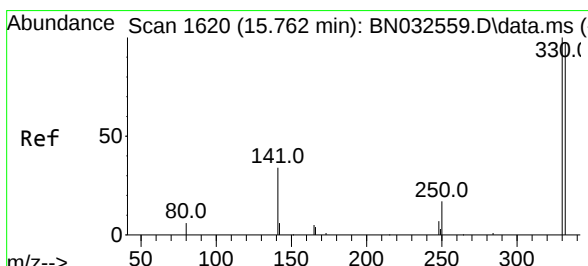
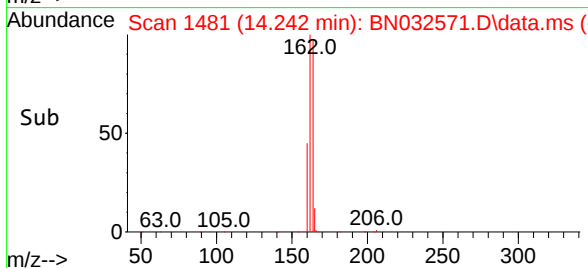
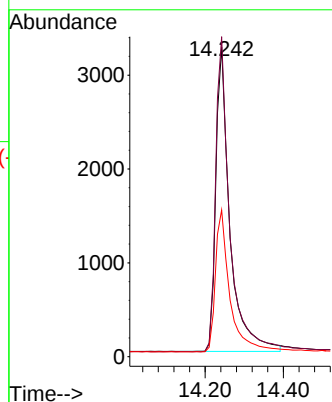
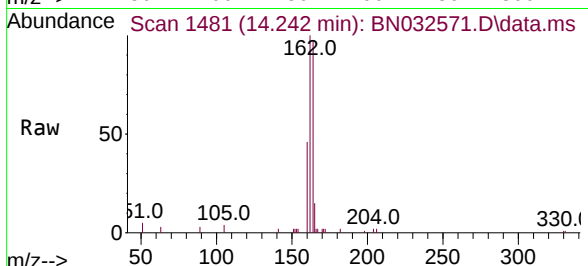




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.242 min Scan# 1480
 Delta R.T. 0.011 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

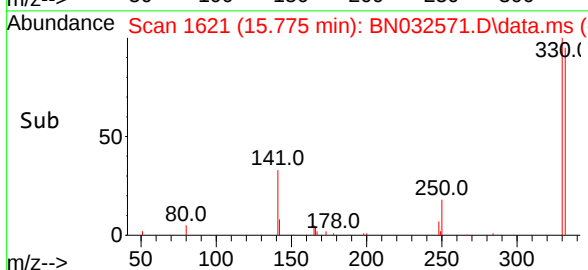
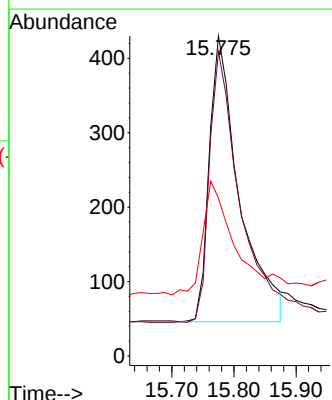
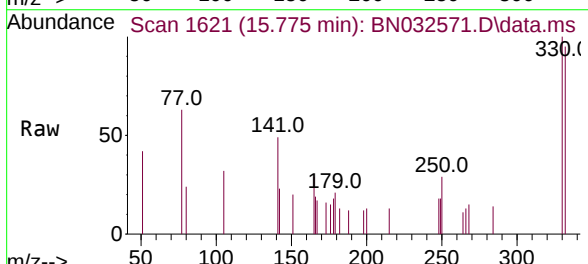
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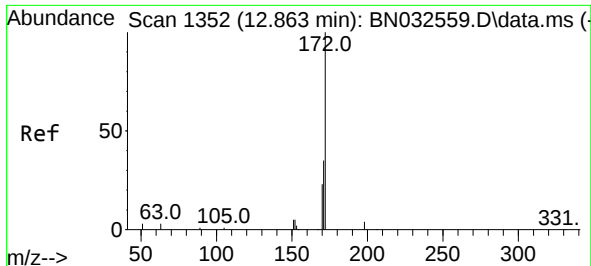
Tgt Ion:	164	Resp:	8118
Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	47.4	38.6	57.8



#14
 2,4,6-Tribromophenol
 Concen: 0.351 ng
 RT: 15.775 min Scan# 1621
 Delta R.T. 0.013 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

Tgt Ion:	330	Resp:	1291
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	43.2	31.8	47.8

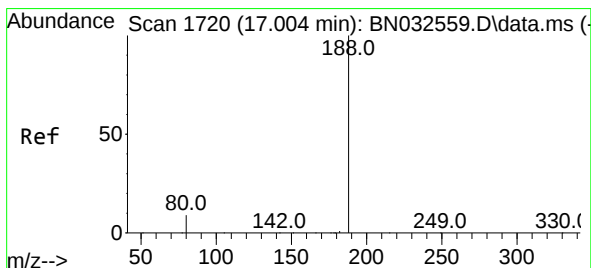
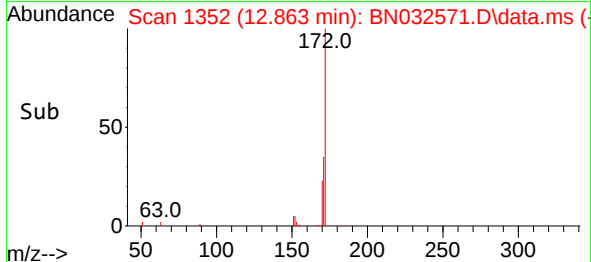
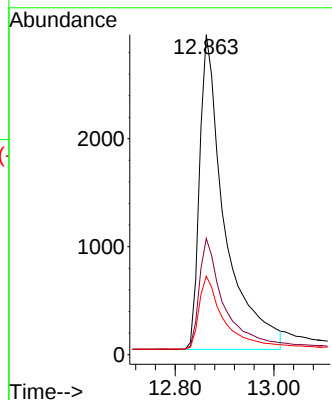
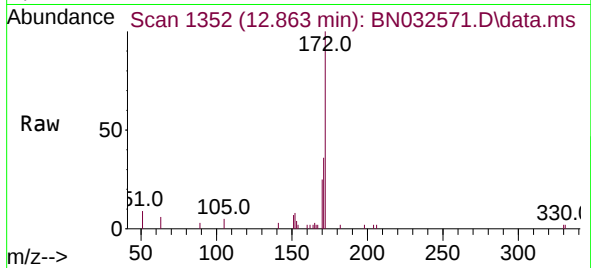




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

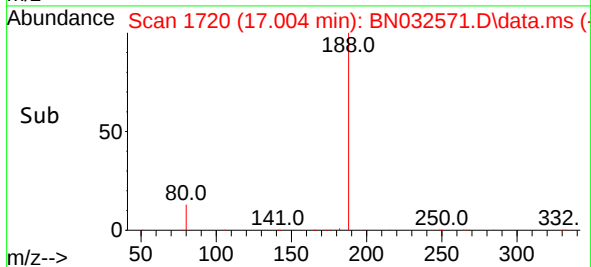
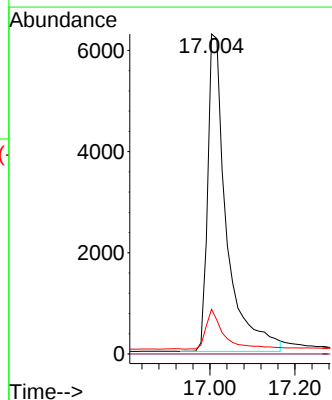
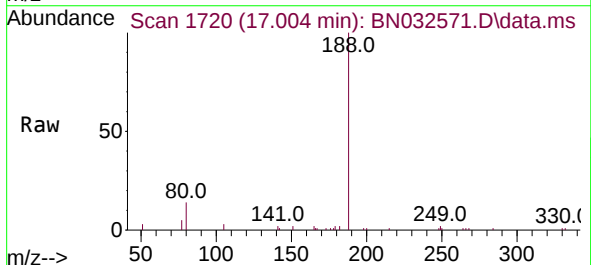
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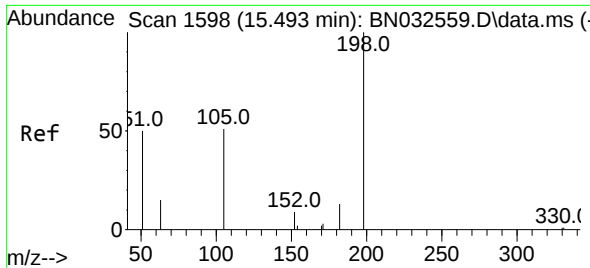
Tgt Ion:172 Resp: 10276
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion:188 Resp: 19235
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 7.8 11.6

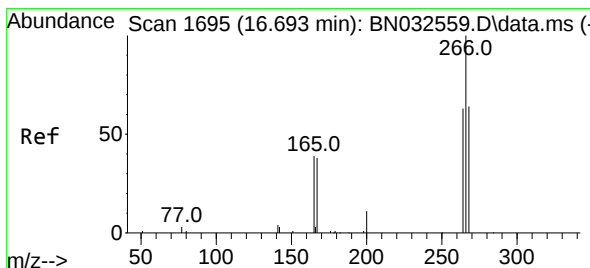
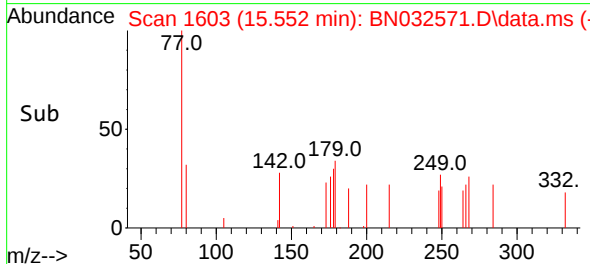
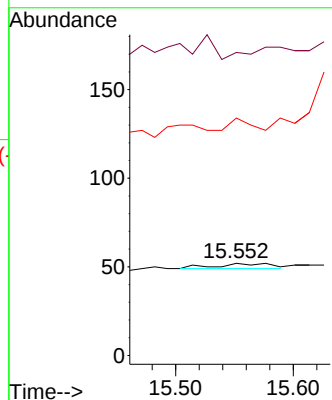
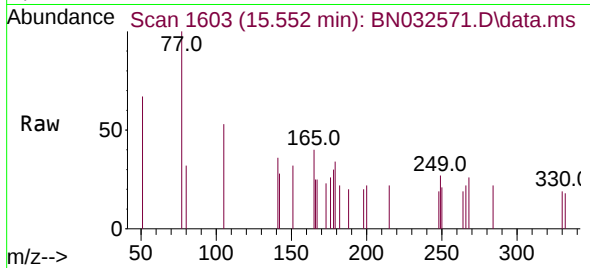




#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.552 min Scan# 1603
Delta R.T. 0.059 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

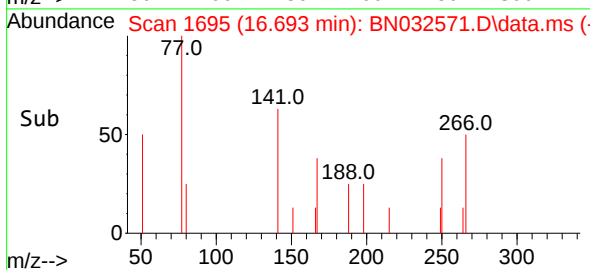
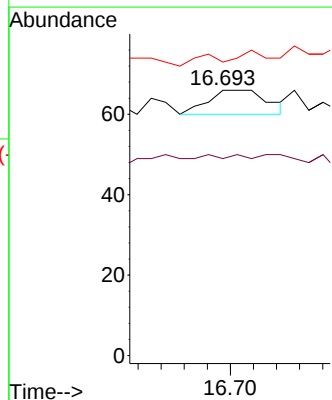
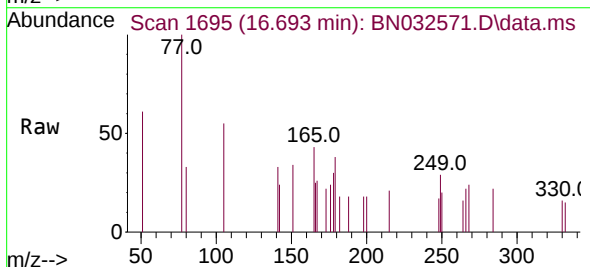
Instrument :
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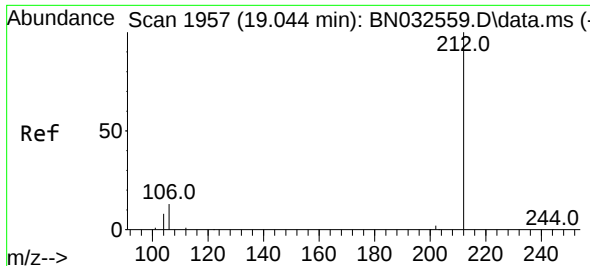
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 328.8 123.4 185.2#
105 257.7 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.172 ng
RT: 16.693 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 4.5 49.6 74.4#
268 18.2 52.2 78.2#

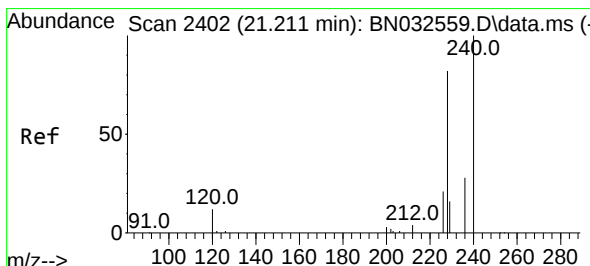
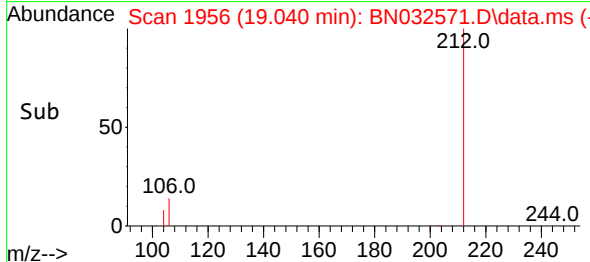
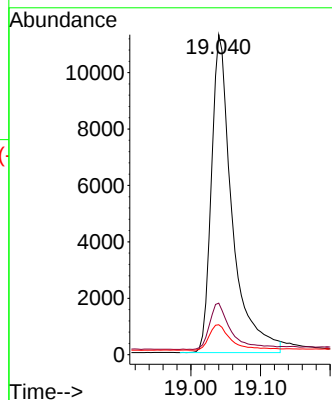
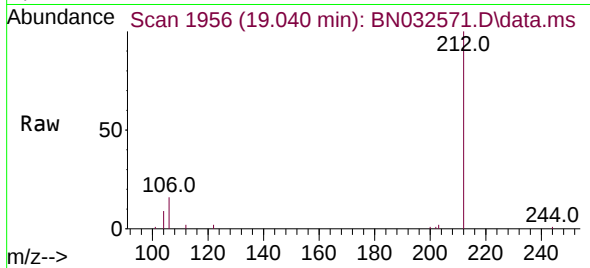




#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.040 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

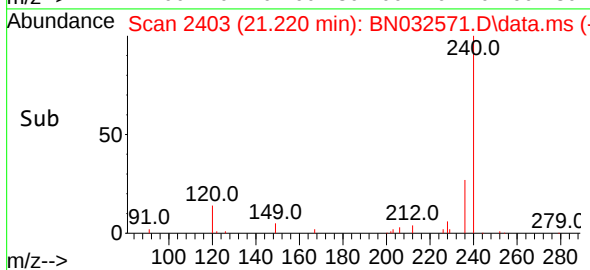
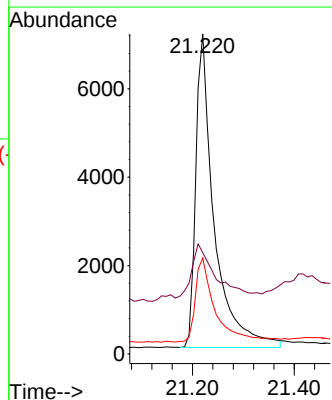
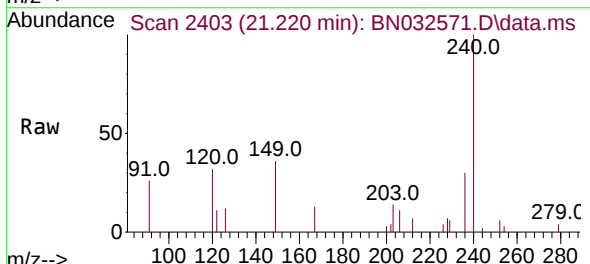
Instrument :
BNA_N
ClientSampleId :
EB-01-070224RE

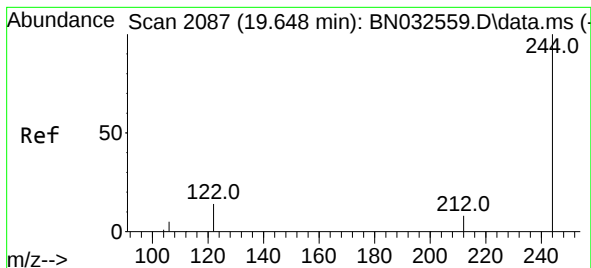
Tgt Ion:212 Resp: 23280
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion:240 Resp: 17734
Ion Ratio Lower Upper
240 100
120 31.7 13.0 19.4#
236 30.0 23.1 34.7





#31

Terphenyl-d14

Concen: 0.436 ng

RT: 19.639 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN032571.D

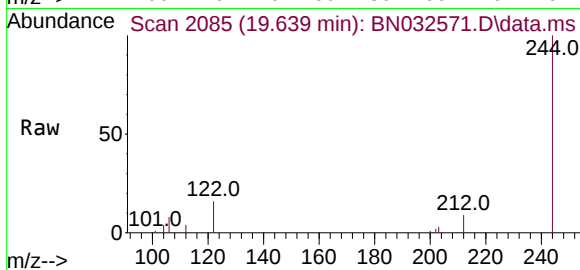
Acq: 09 Jul 2024 04:17

Instrument :

BNA_N

ClientSampleId :

EB-01-070224RE



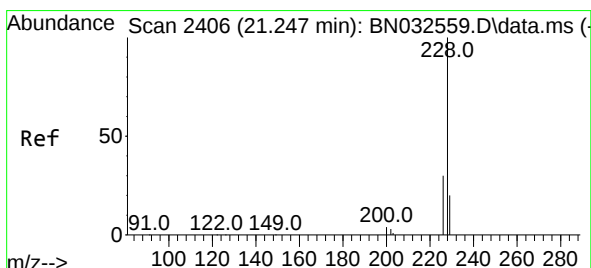
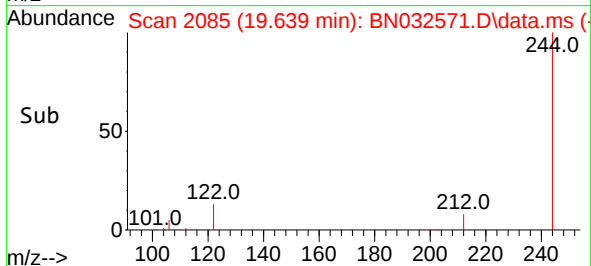
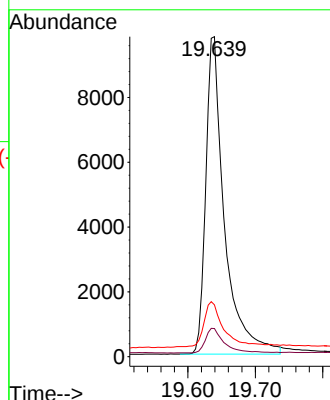
Tgt Ion:244 Resp: 18868

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

122 16.2 12.1 18.1



#33

Chrysene

Concen: 0.022 ng

RT: 21.256 min Scan# 2407

Delta R.T. 0.009 min

Lab File: BN032571.D

Acq: 09 Jul 2024 04:17

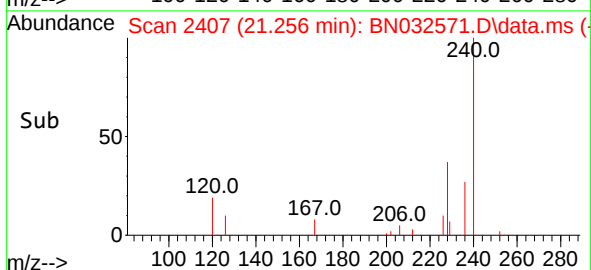
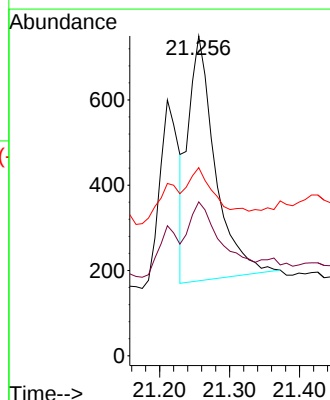
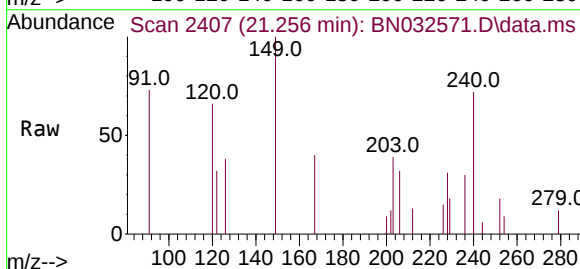
Tgt Ion:228 Resp: 1527

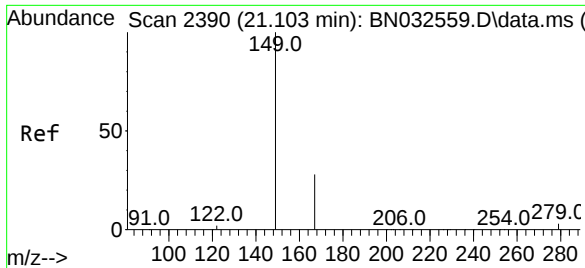
Ion Ratio Lower Upper

228 100

226 48.1 24.1 36.1#

229 58.8 16.1 24.1#

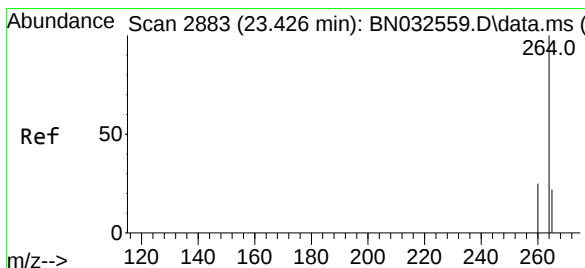
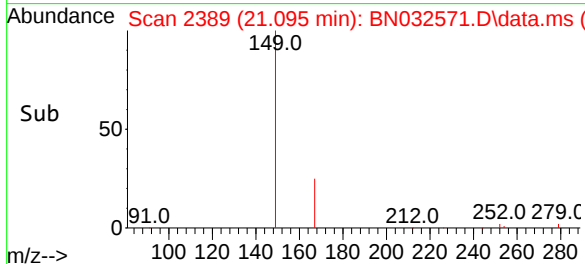
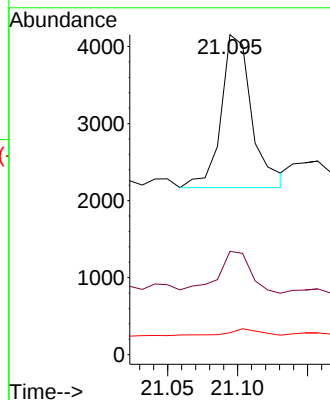
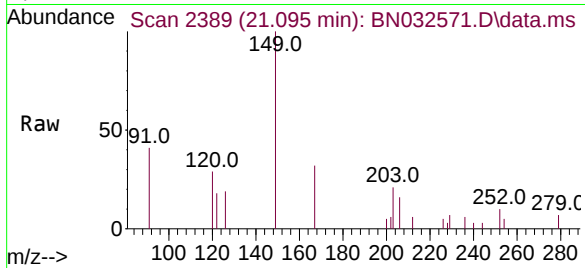




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.095 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

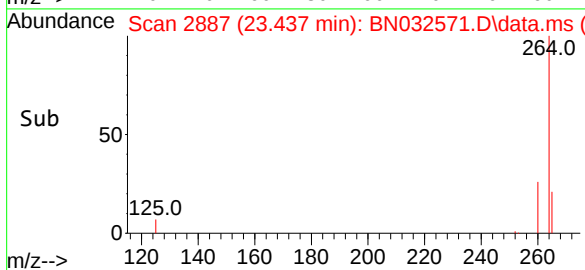
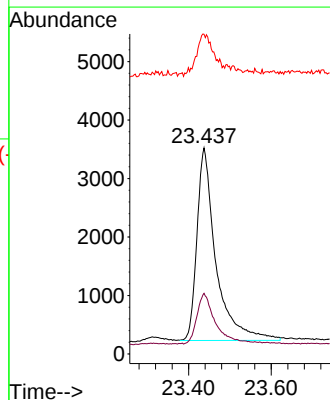
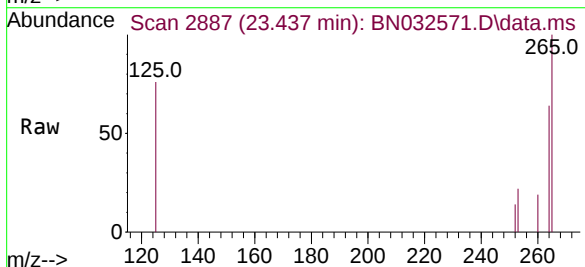
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070224RE

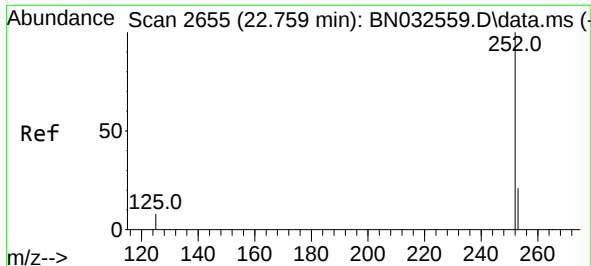
Tgt Ion:149 Resp: 3031
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.6 32.4
 279 4.9 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.437 min Scan# 2887
 Delta R.T. 0.012 min
 Lab File: BN032571.D
 Acq: 09 Jul 2024 04:17

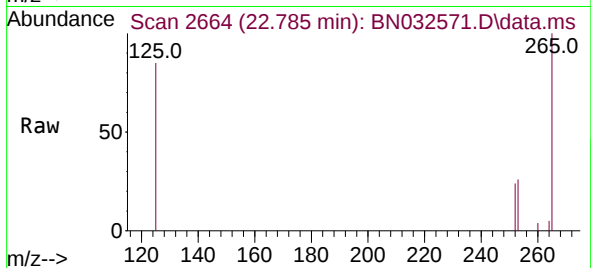
Tgt Ion:264 Resp: 10517
 Ion Ratio Lower Upper
 264 100
 260 29.4 21.0 31.6
 265 155.2 76.6 115.0#



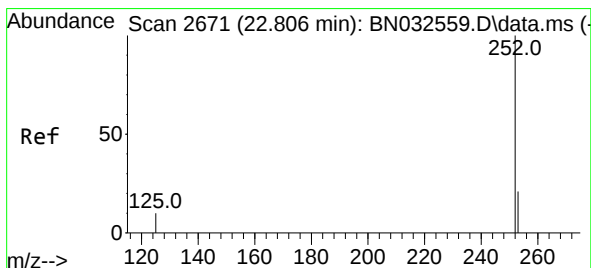
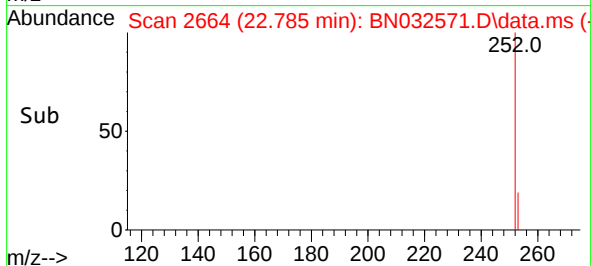
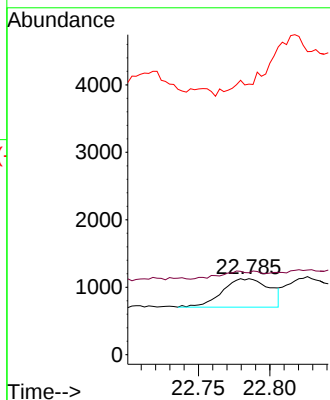


#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.785 min Scan# 2664
Delta R.T. 0.026 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Instrument :
BNA_N
ClientSampleId :
EB-01-070224RE

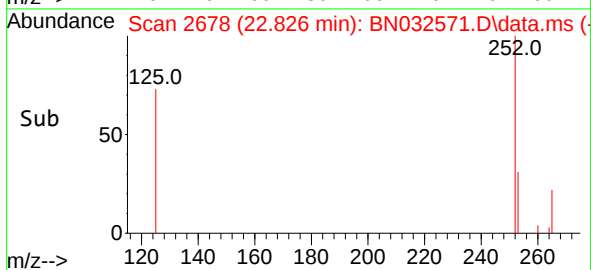
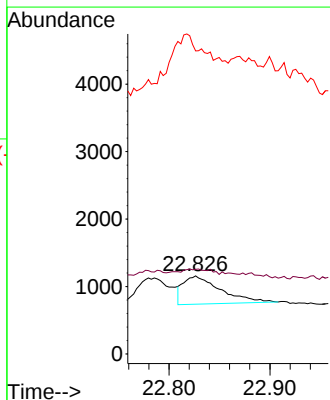
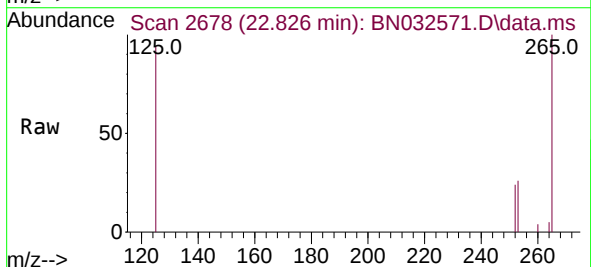


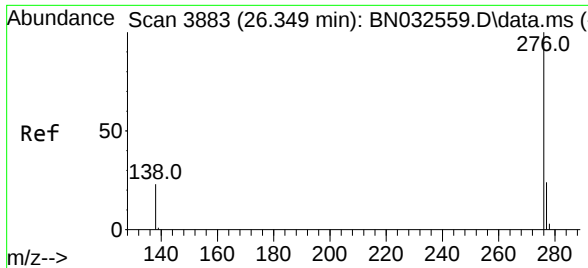
Tgt Ion:252 Resp: 980
Ion Ratio Lower Upper
252 100
253 107.7 22.2 33.4#
125 355.9 15.4 23.0#



#38
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 22.826 min Scan# 2678
Delta R.T. 0.021 min
Lab File: BN032571.D
Acq: 09 Jul 2024 04:17

Tgt Ion:252 Resp: 1069
Ion Ratio Lower Upper
252 100
253 108.6 21.9 32.9#
125 388.2 15.3 22.9#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.399 min Scan# 3900

Delta R.T. 0.050 min

Lab File: BN032571.D

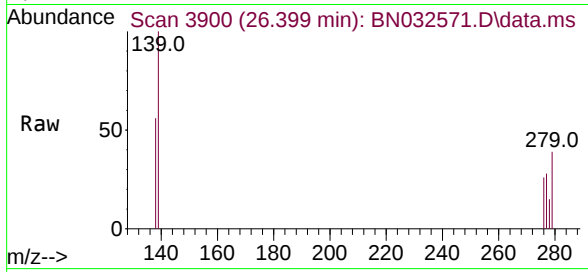
Acq: 09 Jul 2024 04:17

Instrument :

BNA_N

ClientSampleId :

EB-01-070224RE



Tgt Ion:276 Resp: 746

Ion Ratio Lower Upper

276 100

277 107.1 21.5 32.3#

138 214.6 21.4 32.0#

