

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036607.D
 Acq On : 14 Mar 2025 14:37
 Operator : RC/JU
 Sample : Q1502-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 14 15:02:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

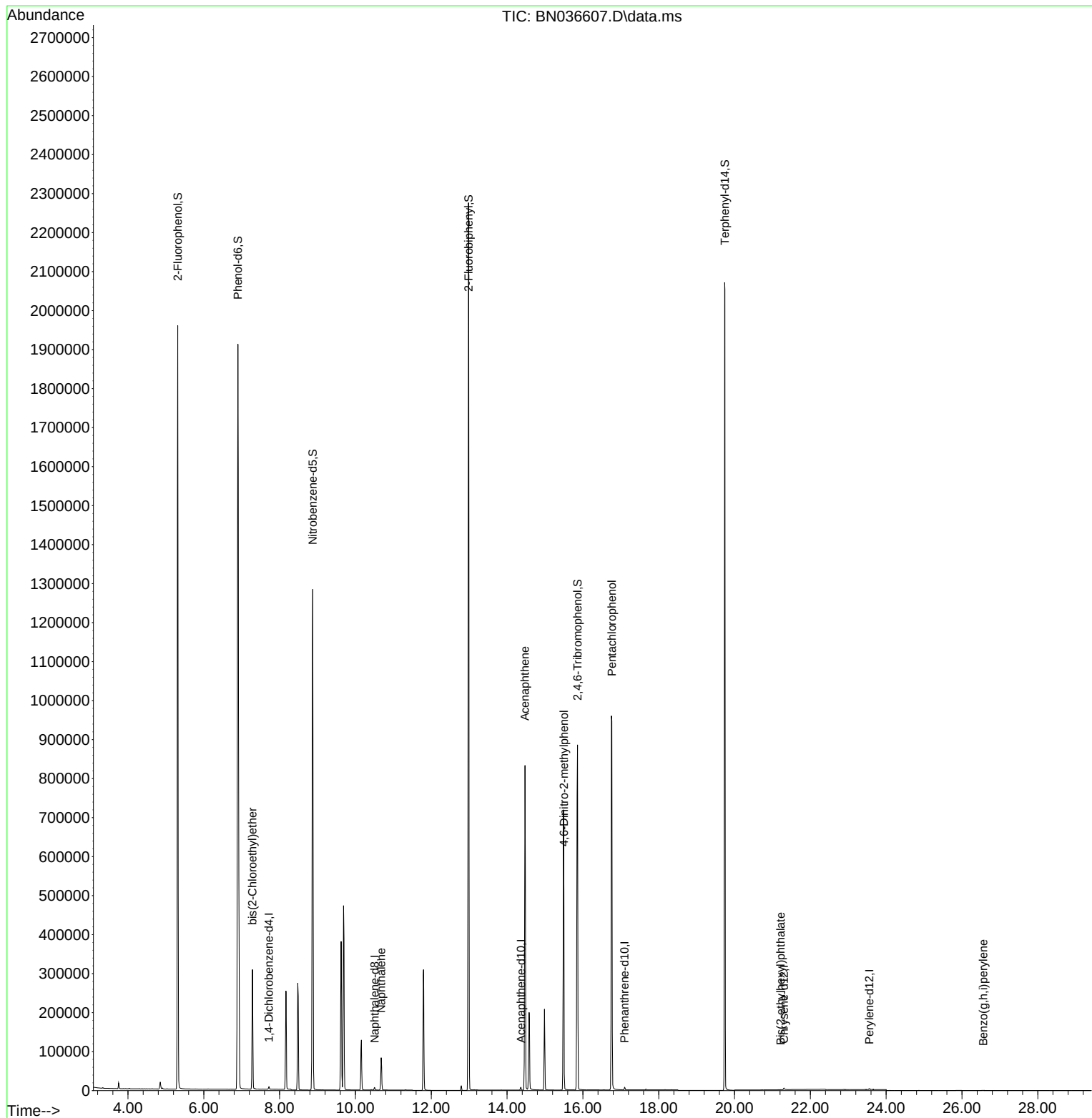
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2909	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	7981	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	4375	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	8959	0.400	ng	#-0.01
29) Chrysene-d12	21.304	240	5365	0.400	ng	0.00
35) Perylene-d12	23.554	264	3981	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1233375	181.930	ng	0.00
5) Phenol-d6	6.901	99	1662926	198.573	ng	0.00
8) Nitrobenzene-d5	8.875	82	953549	109.829	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	2	0.000	ng	0.02
14) 2,4,6-Tribromophenol	15.858	330	465620	234.541	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	2628068	103.260	ng	0.00
27) Fluoranthene-d10	19.141	212	127	0.006	ng	0.00
31) Terphenyl-d14	19.745	244	1940216	150.943	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.284	93	9625	1.112	ng	# 1
9) Naphthalene	10.680	128	26388	1.124	ng	# 80
17) Acenaphthene	14.473	154	437593	32.379	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.499	198	435659	65.862	ng	# 21
24) Pentachlorophenol	16.764	266	457468	148.019	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	296	0.022	ng	# 90
41) Benzo(g,h,i)perylene	26.560	276	285	0.022	ng	# 29

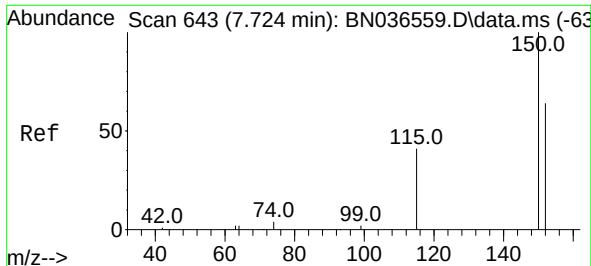
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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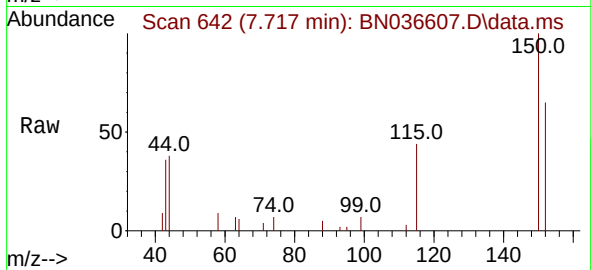
Quant Time: Mar 14 15:02:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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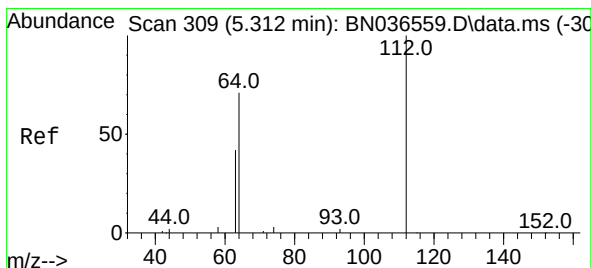
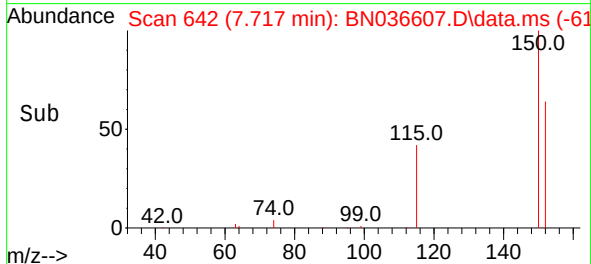
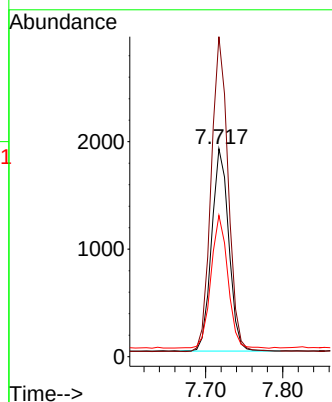


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

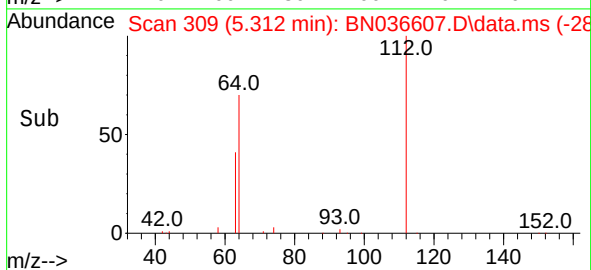
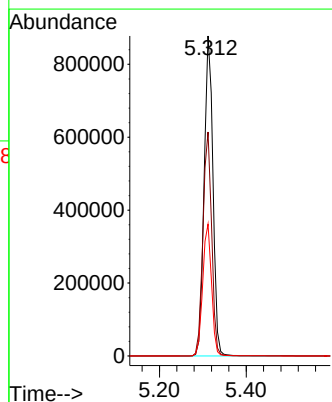
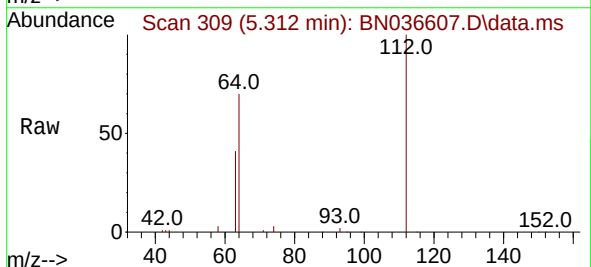


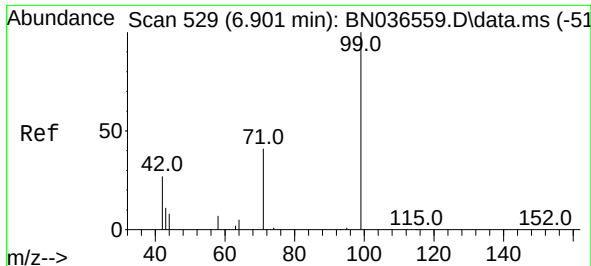
Tgt Ion:152 Resp: 2909
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 67.9 54.3 81.5



#4
2-Fluorophenol
Concen: 181.930 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

Tgt Ion:112 Resp: 1233375
Ion Ratio Lower Upper
112 100
64 69.8 53.1 79.7
63 41.4 31.8 47.8

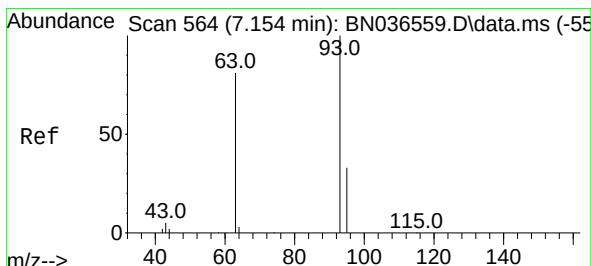
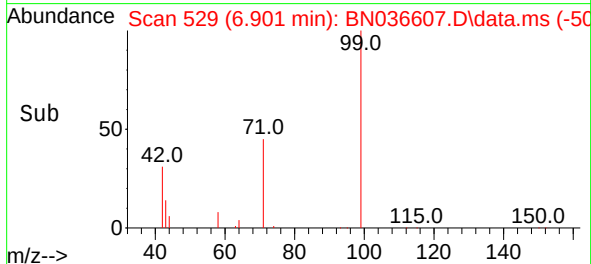
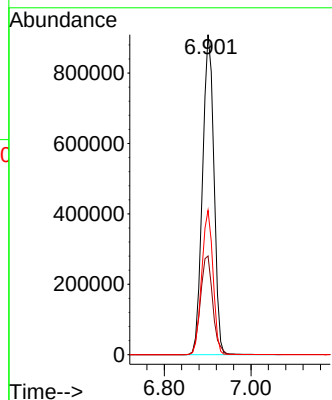
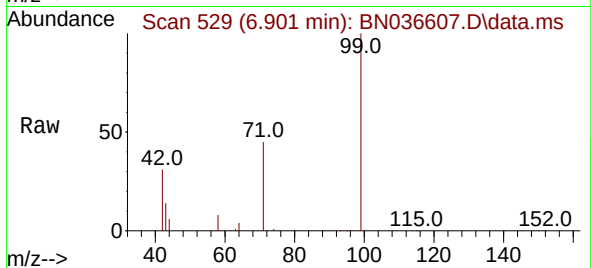




#5
Phenol-d6
Concen: 198.573 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

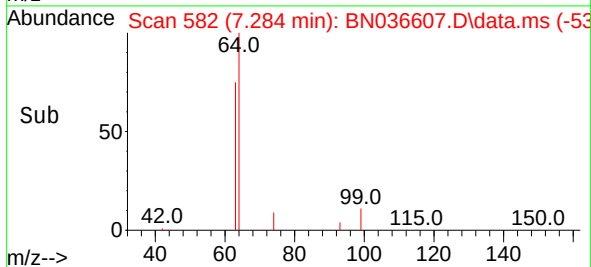
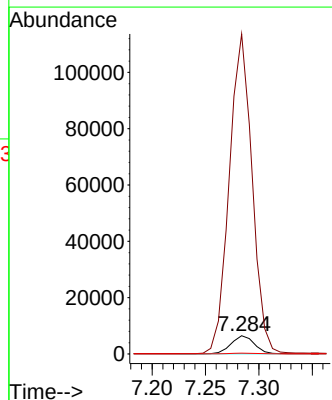
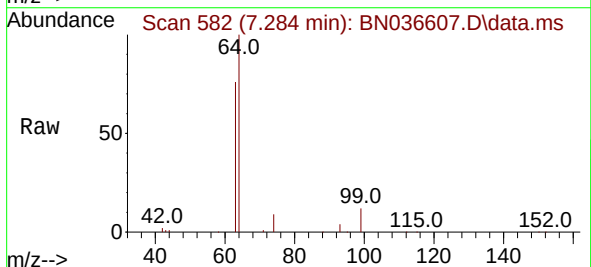
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

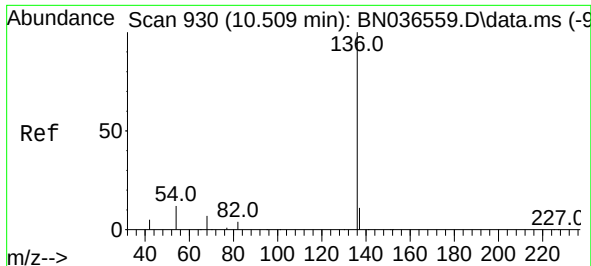
Tgt Ion: 99 Resp: 1662926
Ion Ratio Lower Upper
99 100
42 33.3 26.5 39.7
71 44.6 34.1 51.1



#6
bis(2-Chloroethyl)ether
Concen: 1.112 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.130 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

Tgt Ion: 93 Resp: 9625
Ion Ratio Lower Upper
93 100
63 1750.7 67.7 101.5#
95 0.0 25.6 38.4#

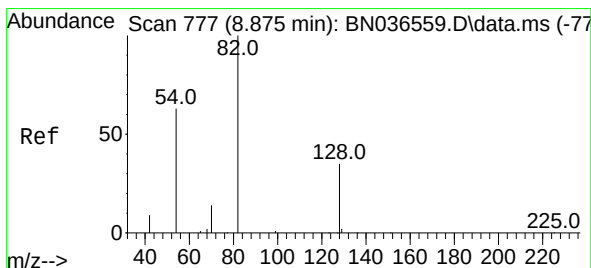
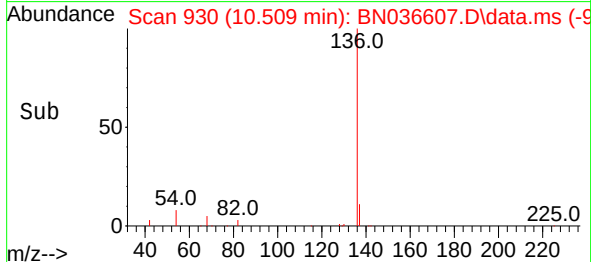
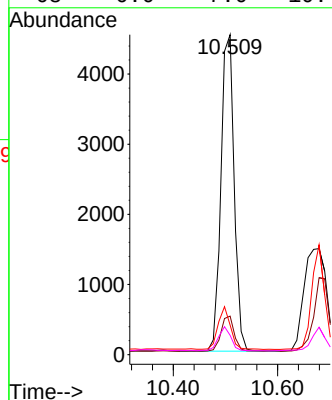
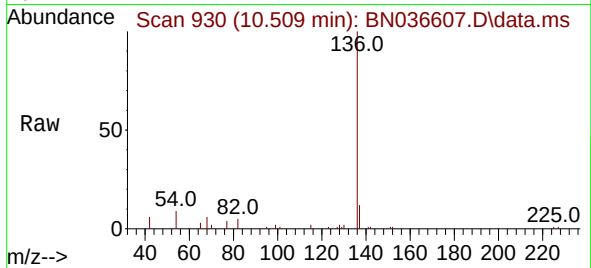




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

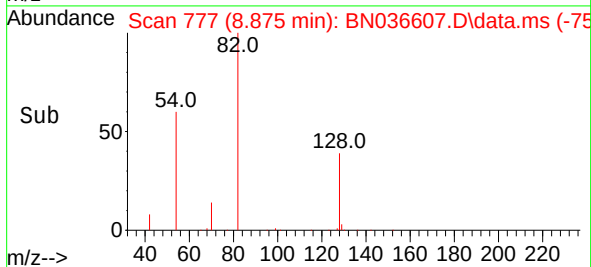
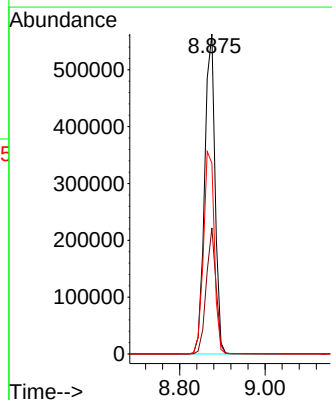
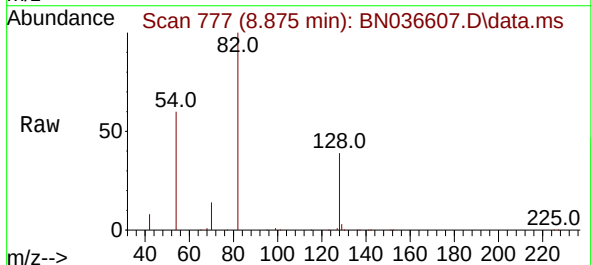
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

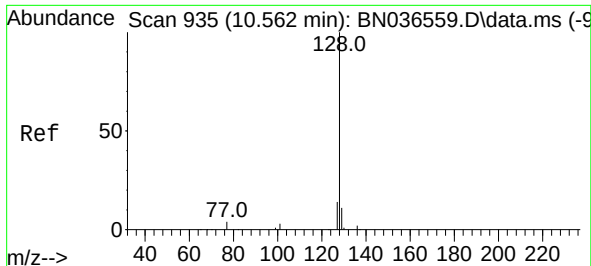
Tgt Ion:136 Resp: 7981
Ion Ratio Lower Upper
136 100
137 12.0 10.3 15.5
54 9.3 11.5 17.3#
68 6.0 7.0 10.4#



#8
Nitrobenzene-d5
Concen: 109.829 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

Tgt Ion: 82 Resp: 953549
Ion Ratio Lower Upper
82 100
128 39.4 30.6 45.8
54 59.7 52.2 78.4

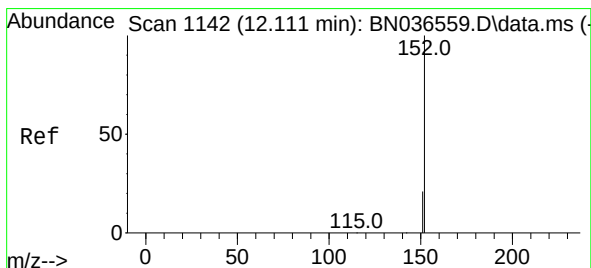
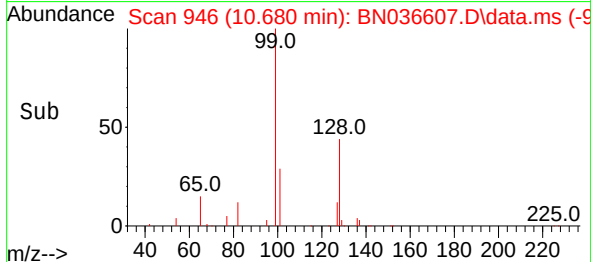
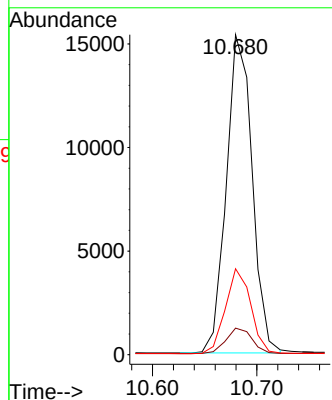
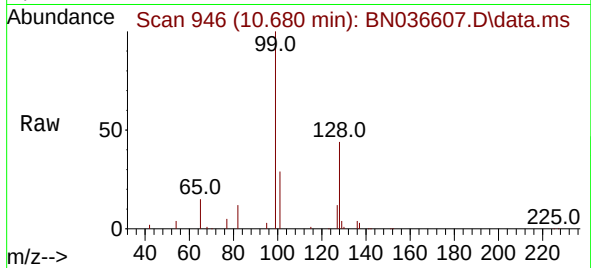




#9
Naphthalene
Concen: 1.124 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.118 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

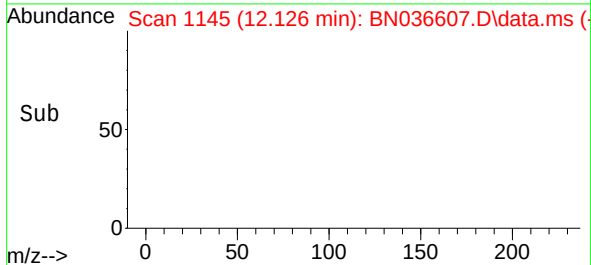
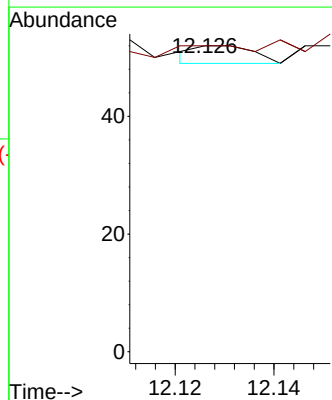
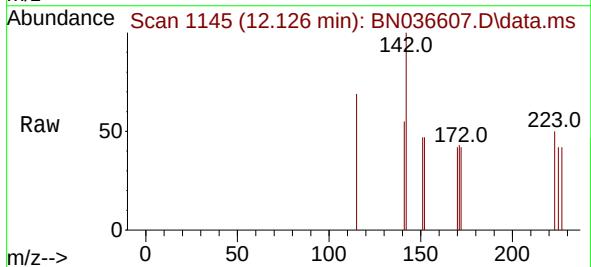
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

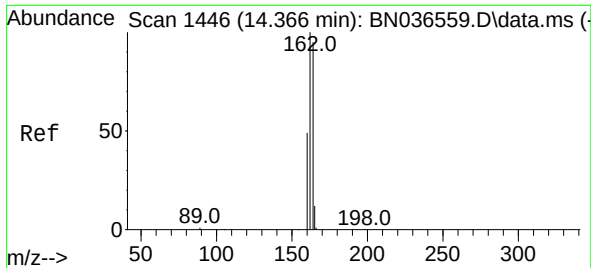
Tgt Ion:128 Resp: 26388
Ion Ratio Lower Upper
128 100
129 8.3 9.8 14.6#
127 26.8 11.8 17.8#



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.015 min
Lab File: BN036607.D
Acq: 14 Mar 2025 14:37

Tgt Ion:152 Resp: 2
Ion Ratio Lower Upper
152 100
151 100.0 17.0 25.6#

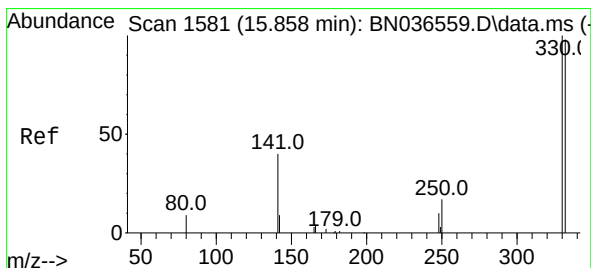
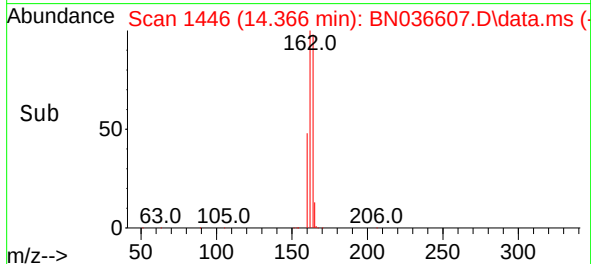
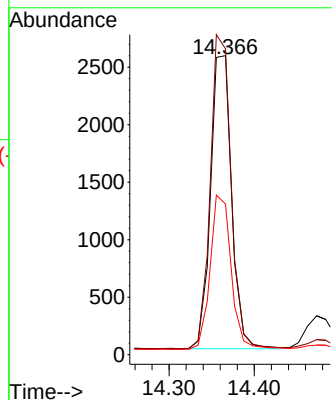
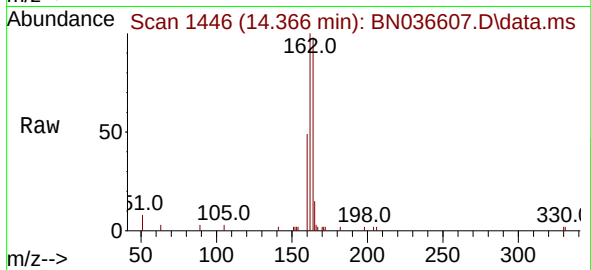




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.366 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

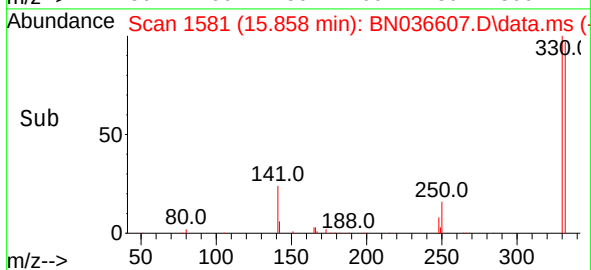
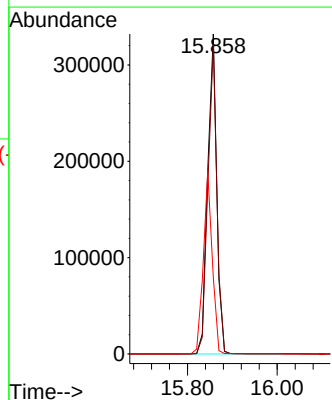
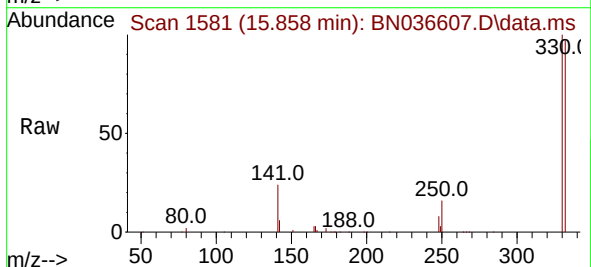
Instrument :
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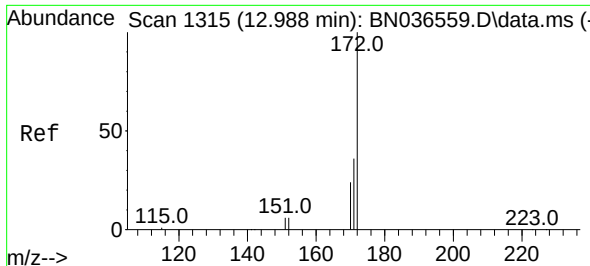
Tgt Ion:164 Resp: 4375
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.2 126.2
 160 50.4 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 234.541 ng
 RT: 15.858 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

Tgt Ion:330 Resp: 465620
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.2 112.8
 141 56.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 103.260 ng

RT: 12.983 min Scan# 14

Delta R.T. -0.005 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

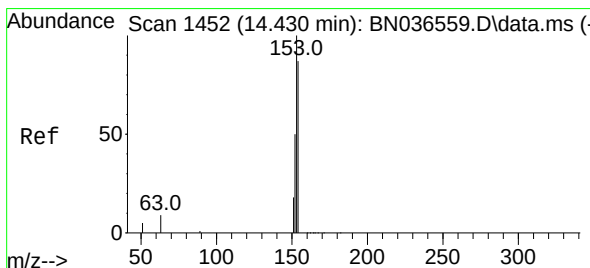
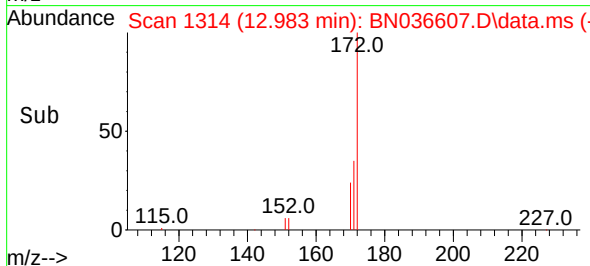
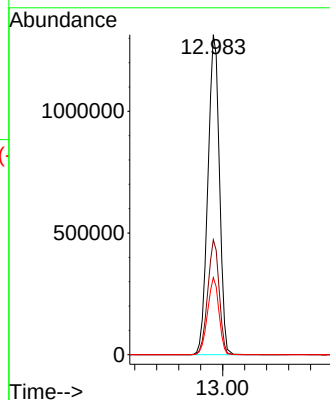
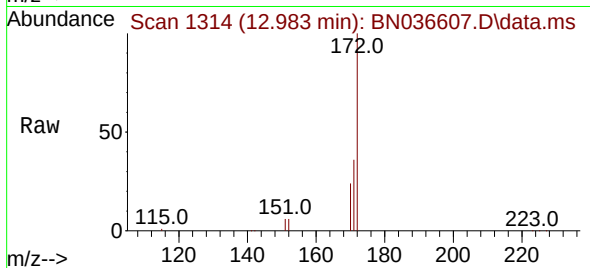
Tgt Ion:172 Resp: 2628068

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

170 24.1 20.2 30.4



#17

Acenaphthene

Concen: 32.379 ng

RT: 14.473 min Scan# 1456

Delta R.T. 0.043 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

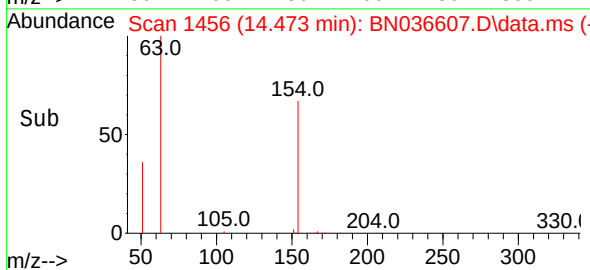
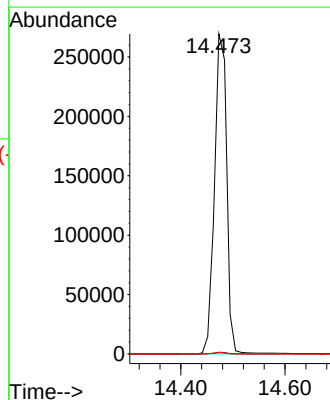
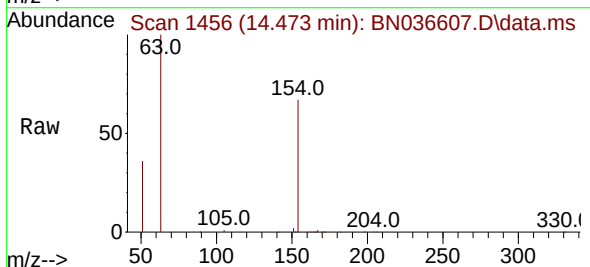
Tgt Ion:154 Resp: 437593

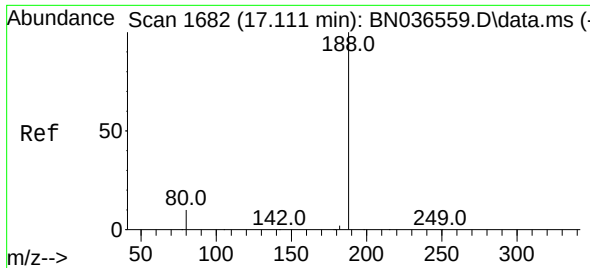
Ion Ratio Lower Upper

154 100

153 0.6 94.1 141.1#

152 0.4 49.8 74.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

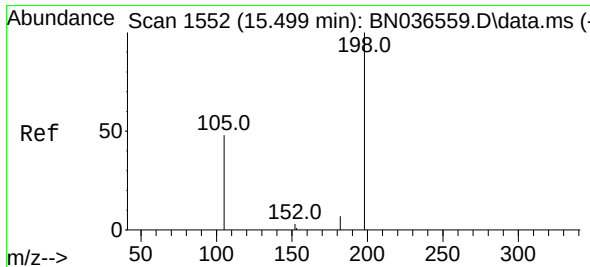
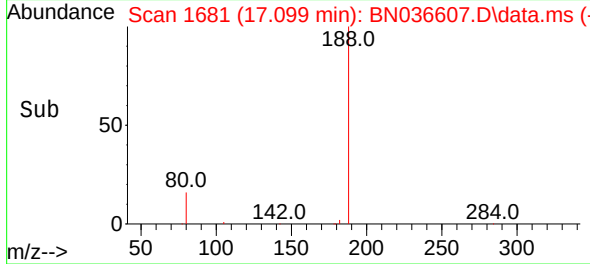
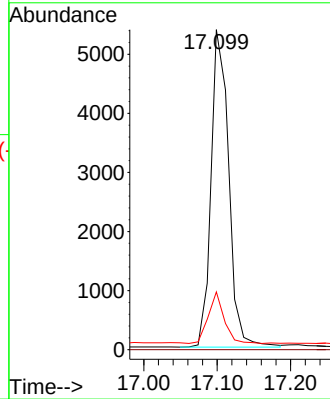
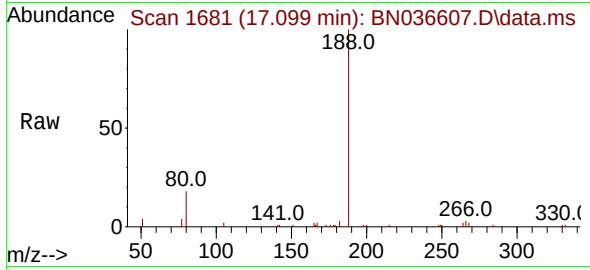
Tgt Ion:188 Resp: 8959

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.1 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 65.862 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

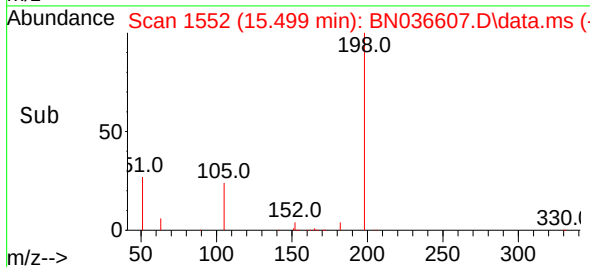
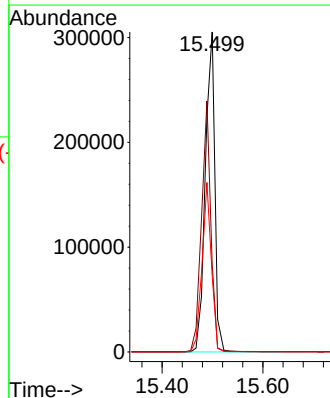
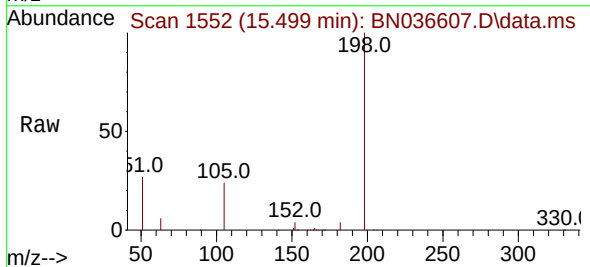
Tgt Ion:198 Resp: 435659

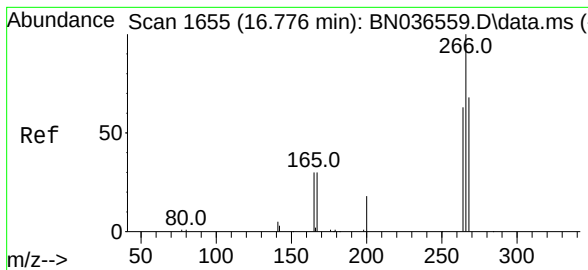
Ion Ratio Lower Upper

198 100

51 27.4 107.9 161.9#

105 23.7 56.2 84.2#

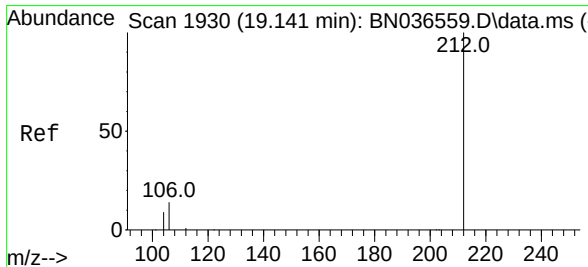
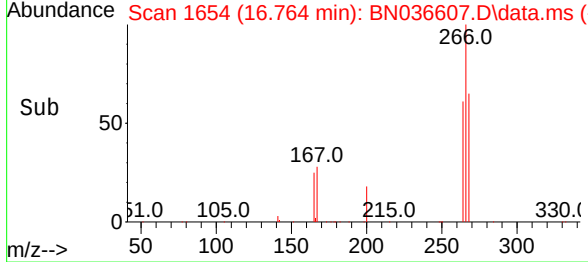
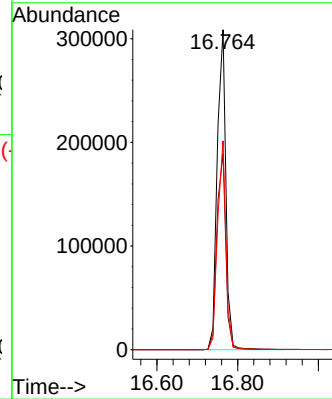
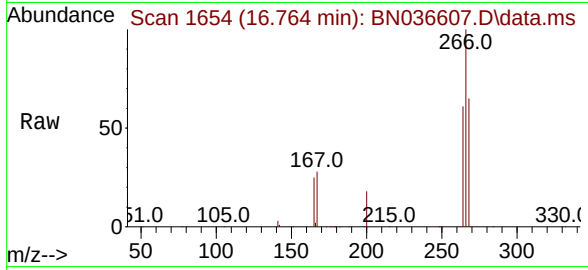




#24
 Pentachlorophenol
 Concen: 148.019 ng
 RT: 16.764 min Scan# 1654
 Delta R.T. -0.012 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

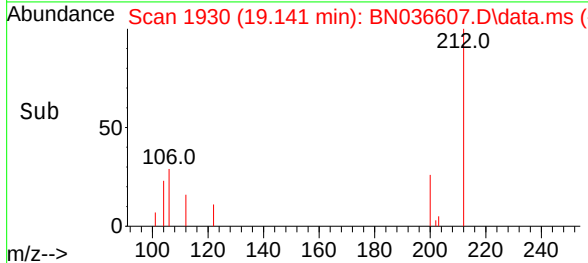
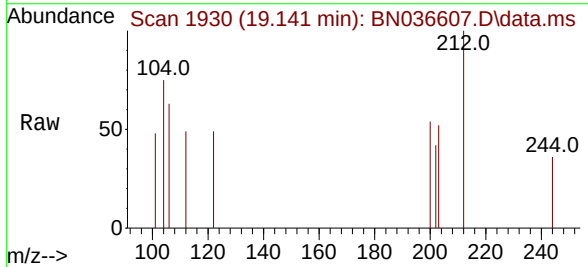
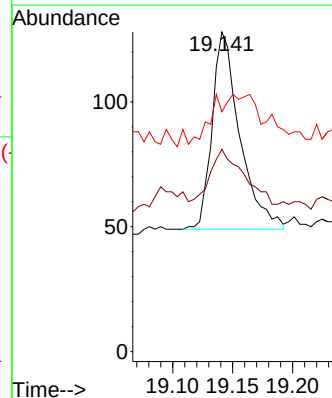
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

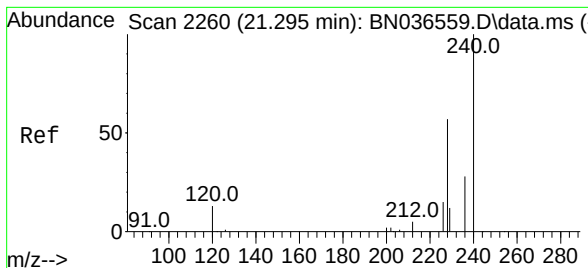
Tgt Ion:	266	Resp:	457468
Ion Ratio	Lower	Upper	
266	100		
264	63.1	49.6	74.4
268	63.5	50.9	76.3



#27
 Fluoranthene-d10
 Concen: 0.006 ng
 RT: 19.141 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

Tgt Ion:	212	Resp:	127
Ion Ratio	Lower	Upper	
212	100		
106	34.6	11.8	17.6#
104	40.2	7.3	10.9#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

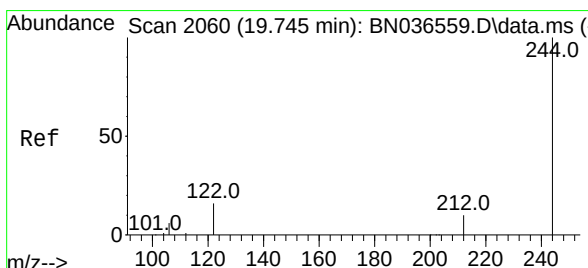
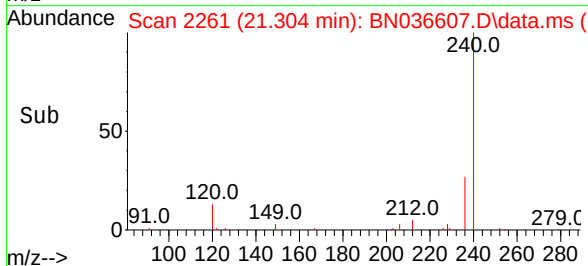
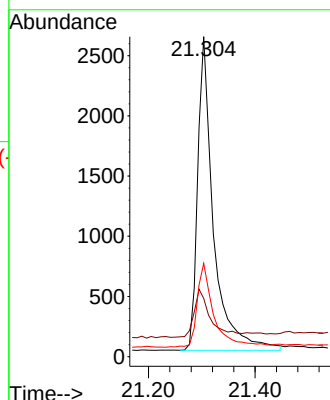
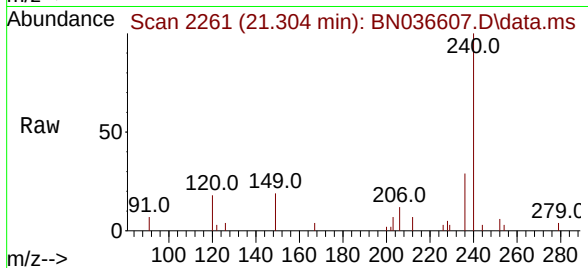
Tgt Ion:240 Resp: 5365

Ion Ratio Lower Upper

240 100

120 18.2 14.6 22.0

236 29.2 24.1 36.1



#31

Terphenyl-d14

Concen: 150.943 ng

RT: 19.745 min Scan# 2060

Delta R.T. 0.000 min

Lab File: BN036607.D

Acq: 14 Mar 2025 14:37

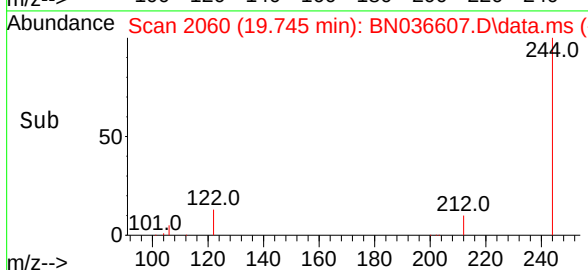
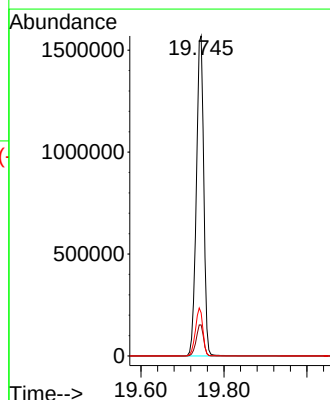
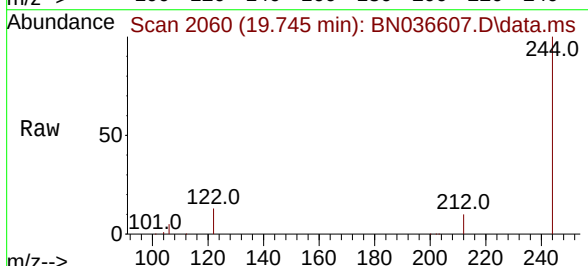
Tgt Ion:244 Resp: 1940216

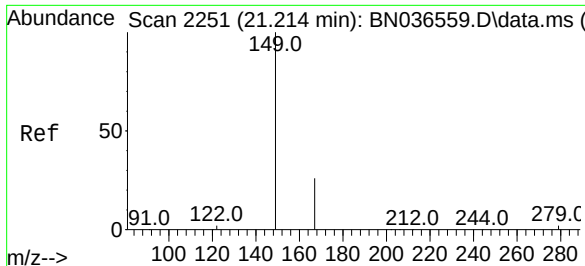
Ion Ratio Lower Upper

244 100

212 9.7 9.6 14.4

122 13.5 13.9 20.9#

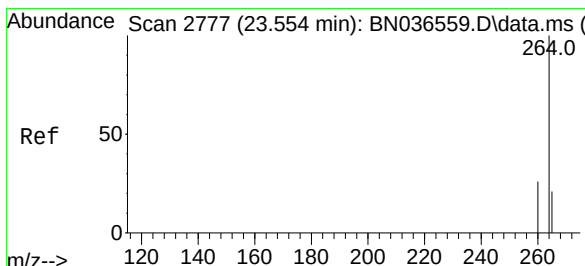
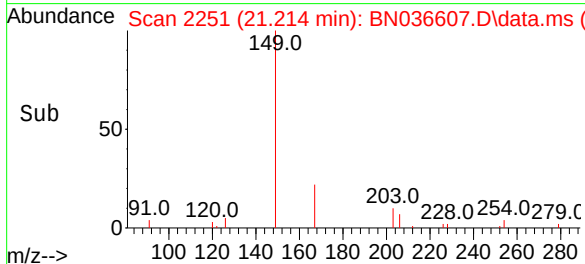
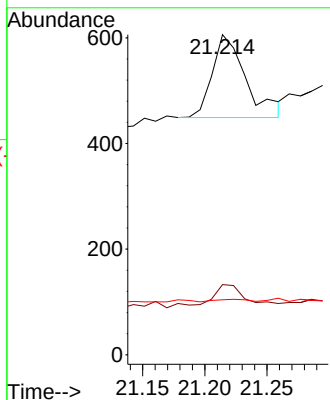
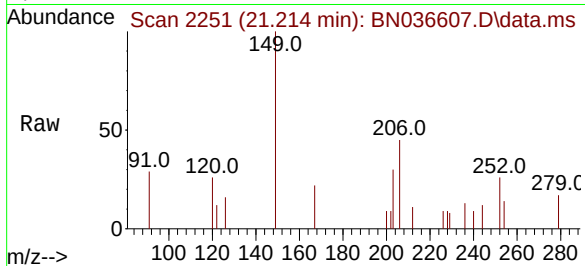




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

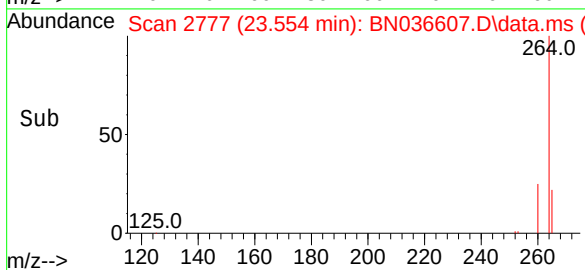
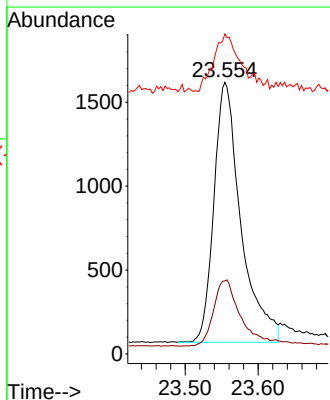
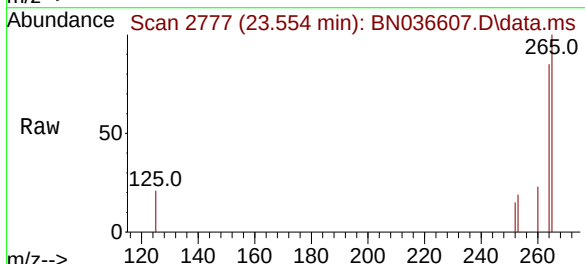
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

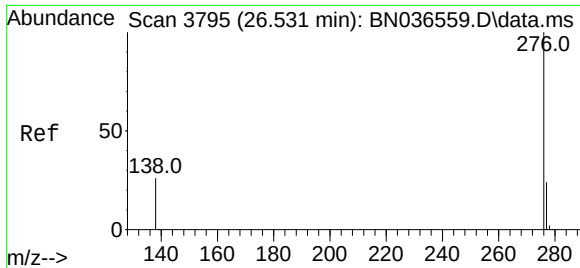
Tgt Ion:149 Resp: 296
 Ion Ratio Lower Upper
 149 100
 167 20.6 20.7 31.1#
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

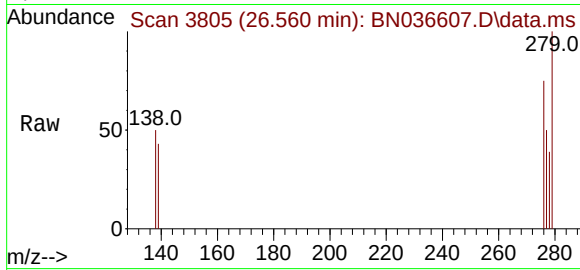
Tgt Ion:264 Resp: 3981
 Ion Ratio Lower Upper
 264 100
 260 26.9 22.6 33.8
 265 117.8 88.1 132.1





#41
 Benzo(g,h,i)perylene
 Concen: 0.022 ng
 RT: 26.560 min Scan# 30
 Delta R.T. 0.029 min
 Lab File: BN036607.D
 Acq: 14 Mar 2025 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP



Tgt Ion: 276 Resp: 285

Ion	Ratio	Lower	Upper
276	100		
277	66.7	22.2	33.4#
138	66.7	24.1	36.1#

