

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032583.D
 Acq On : 09 Jul 2024 12:13
 Operator : MA/JU
 Sample : P3127-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 12:57:44 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)

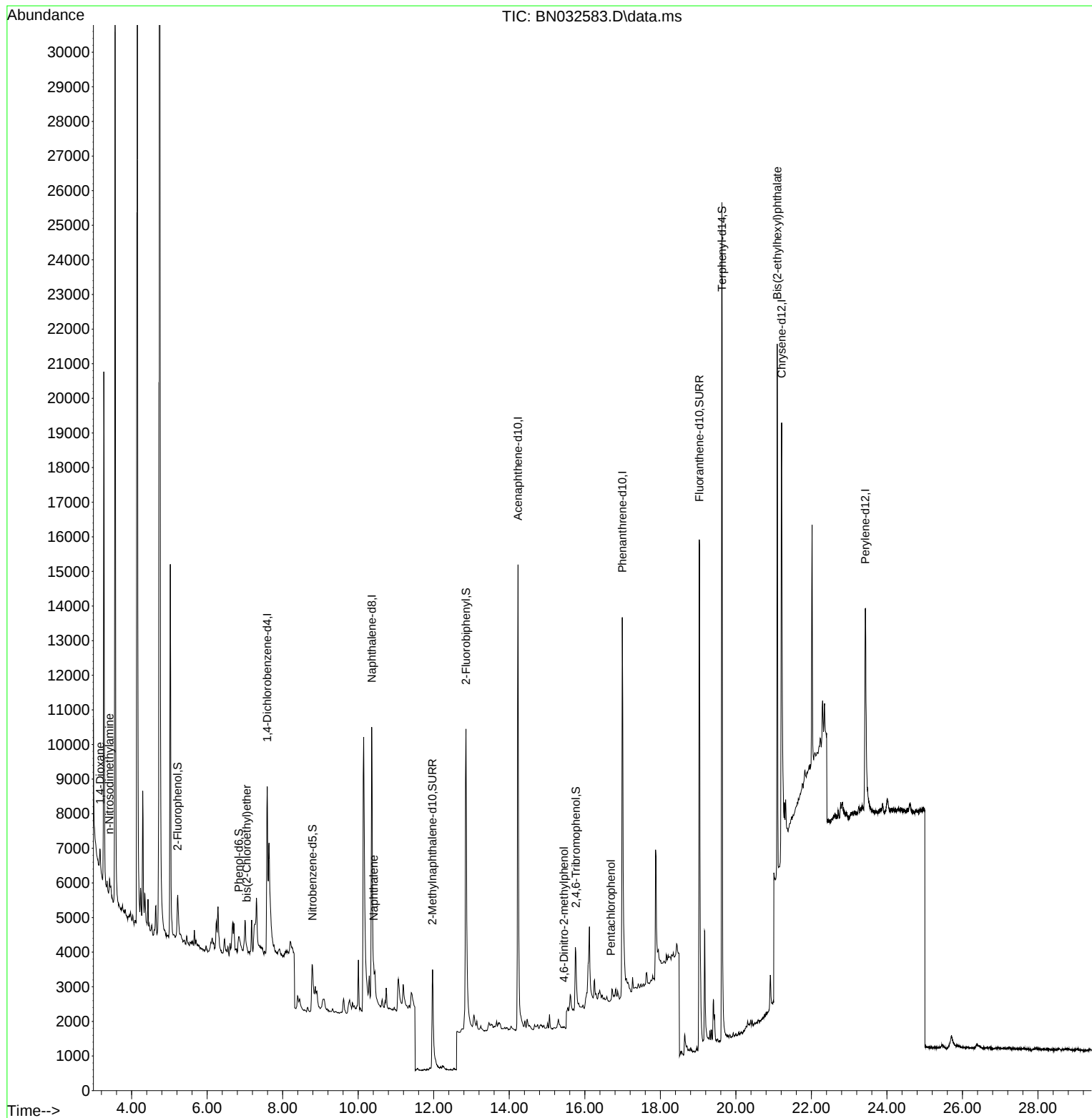
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4108	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	14131	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	9416	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	21690	0.400	ng	#-0.01
29) Chrysene-d12	21.211	240	17588	0.400	ng	0.00
35) Perylene-d12	23.429	264	10848	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2172	0.209	ng	0.00
5) Phenol-d6	6.837	99	1618	0.122	ng	0.01
8) Nitrobenzene-d5	8.788	82	2555	0.242	ng	-0.01
11) 2-Methylnaphthalene-d10	11.968	152	6906	0.309	ng	-0.01
14) 2,4,6-Tribromophenol	15.763	330	1737	0.407	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	12574	0.362	ng	-0.01
27) Fluoranthene-d10	19.035	212	21481	0.380	ng	0.00
31) Terphenyl-d14	19.630	244	27055	0.630	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	534	0.099	ng	# 37
3) n-Nitrosodimethylamine	3.414	42	101	0.026	ng	# 1
6) bis(2-Chloroethyl)ether	7.047	93	59	0.091	ng	# 1
9) Naphthalene	10.410	128	1570	0.041	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.450	198	3	0.198	ng	# 1
24) Pentachlorophenol	16.694	266	25	0.172	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.095	149	13867	0.351	ng	99

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

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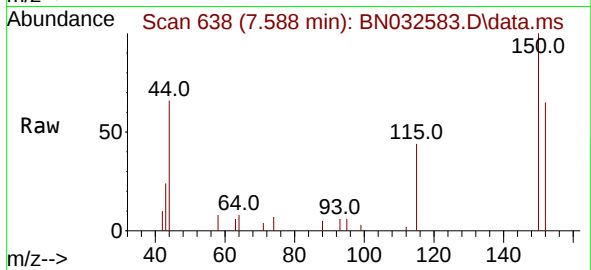
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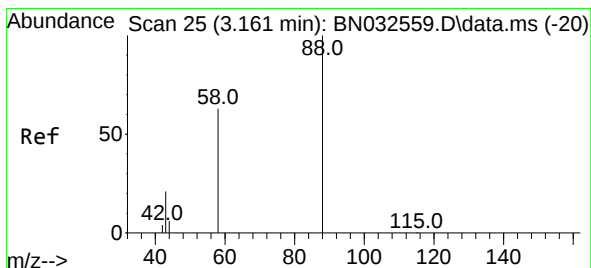
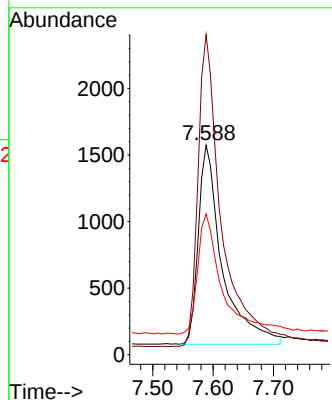
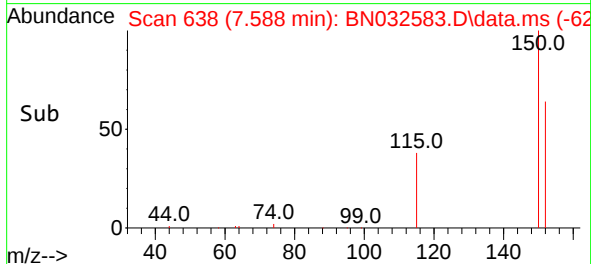


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032583.D
 Acq: 09 Jul 2024 12:13

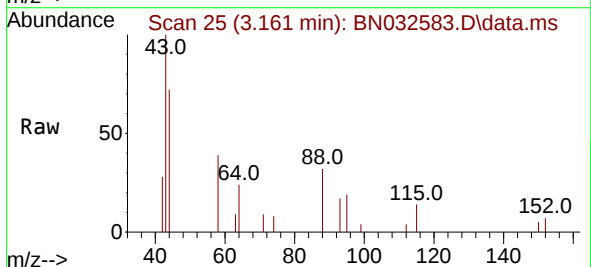
Instrument :
 BNA_N
 ClientSampleId :



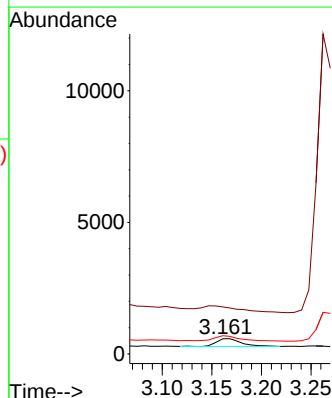
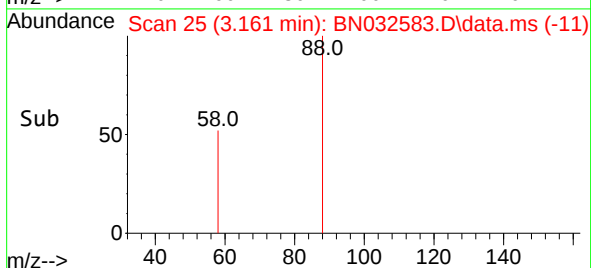
Tgt Ion:152 Resp: 4108
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.6 182.4
 115 67.2 53.1 79.7

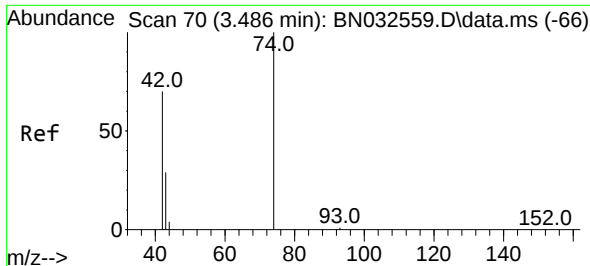


#2
 1,4-Dioxane
 Concen: 0.099 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032583.D
 Acq: 09 Jul 2024 12:13



Tgt Ion: 88 Resp: 534
 Ion Ratio Lower Upper
 88 100
 43 125.1 20.4 30.6#
 58 71.2 51.0 76.6

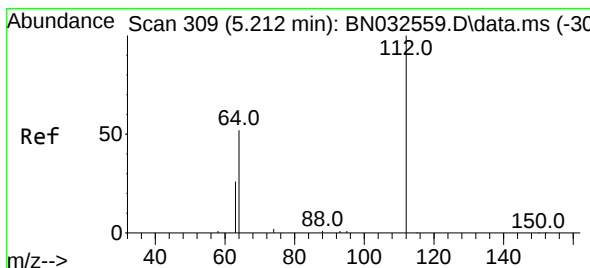
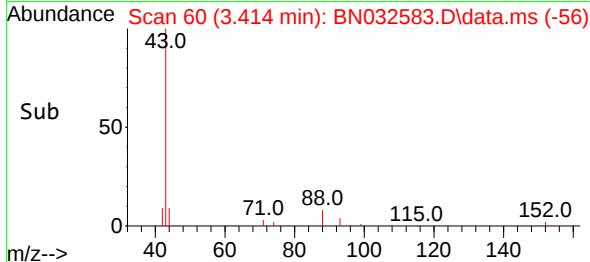
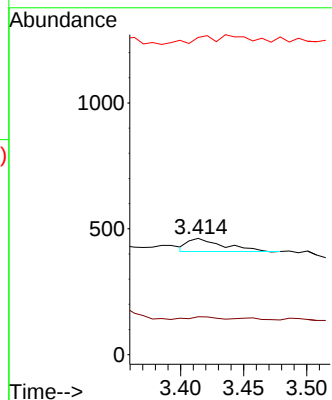
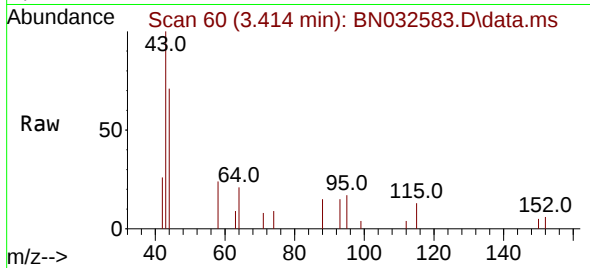




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

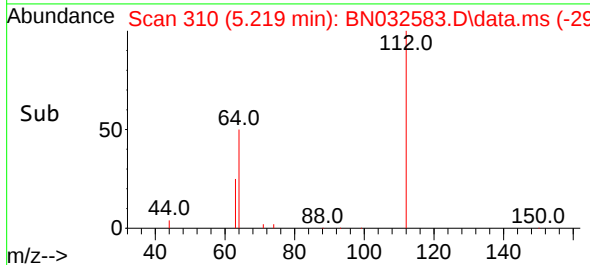
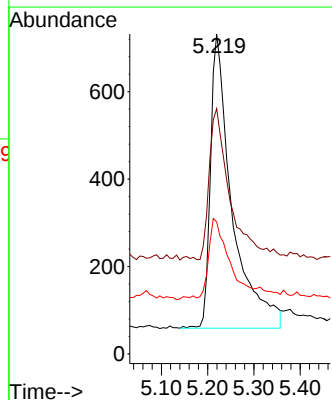
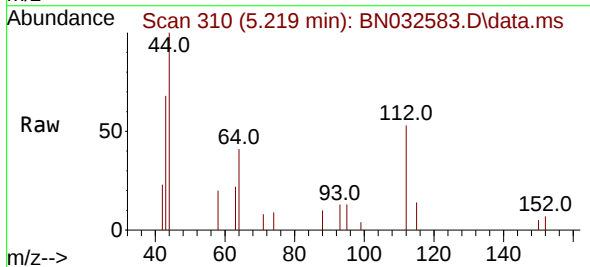
Instrument :
BNA_N
ClientSampleId :

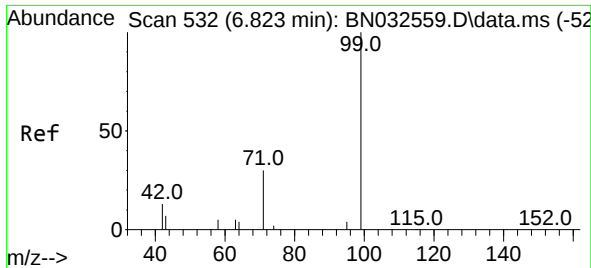
Tgt Ion: 42 Resp: 101
Ion Ratio Lower Upper
42 100
74 9.9 126.8 190.2#
44 26.7 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

Tgt Ion: 112 Resp: 2172
Ion Ratio Lower Upper
112 100
64 49.7 41.2 61.8
63 28.0 21.6 32.4

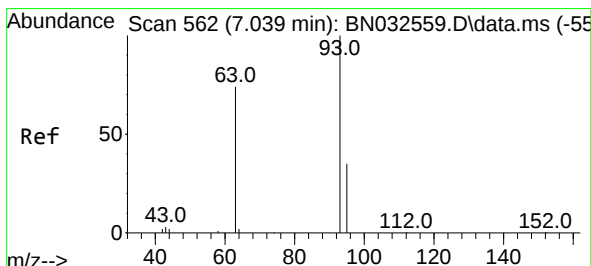
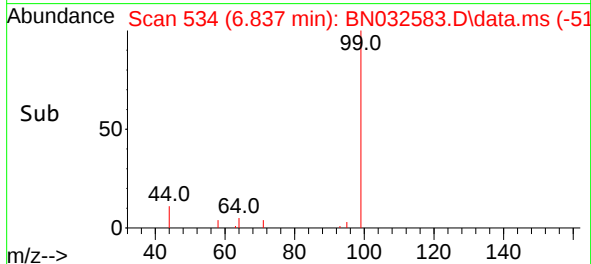
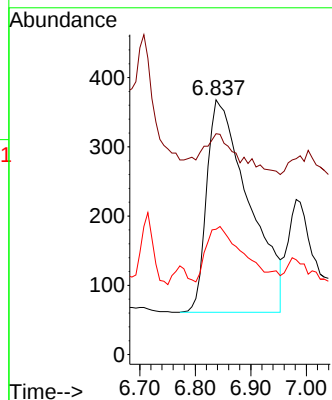
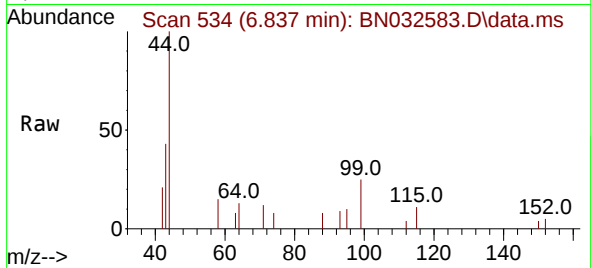




#5
Phenol-d6
Concen: 0.122 ng
RT: 6.837 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

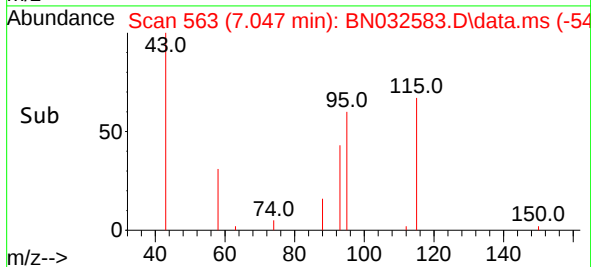
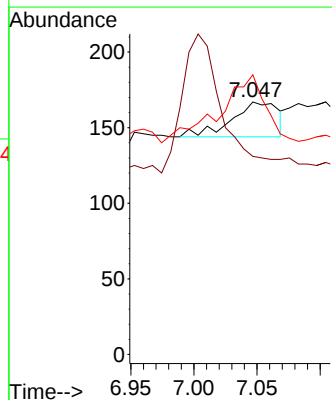
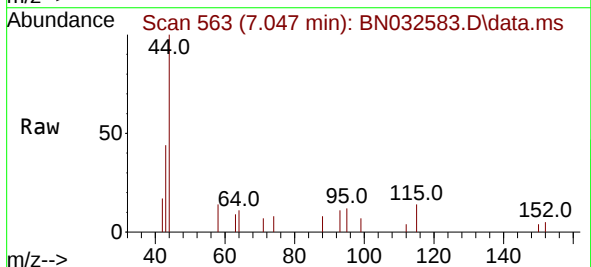
Instrument :
BNA_N
ClientSampleId :

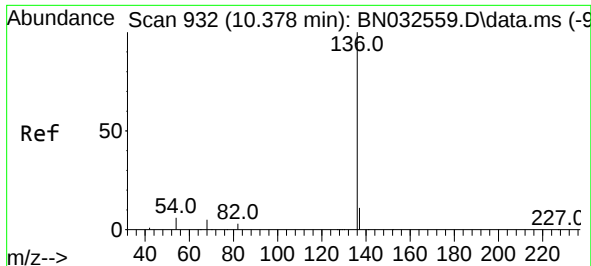
Tgt Ion: 99 Resp: 1618
Ion Ratio Lower Upper
99 100
42 15.1 10.6 16.0
71 22.9 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.008 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

Tgt Ion: 93 Resp: 59
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 206.8 30.5 45.7#

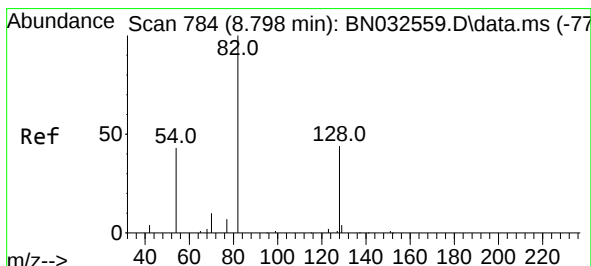
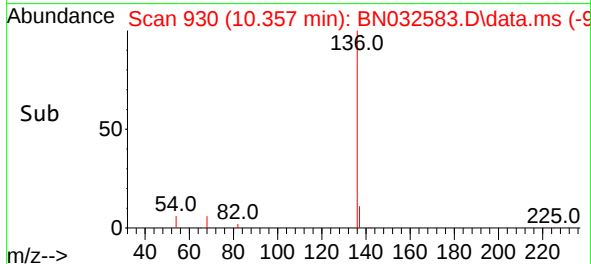
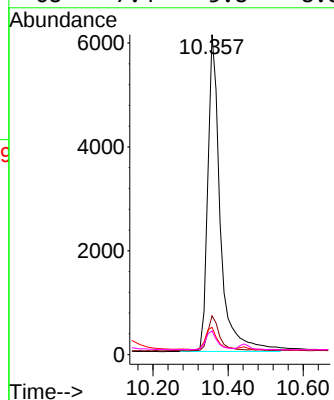
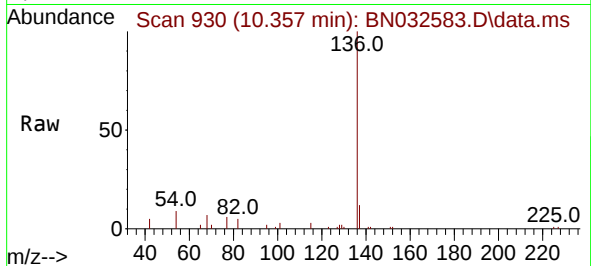




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

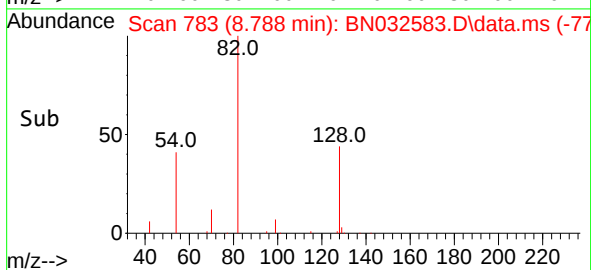
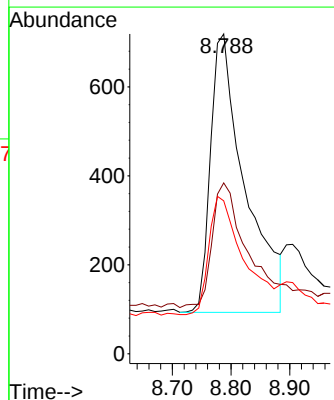
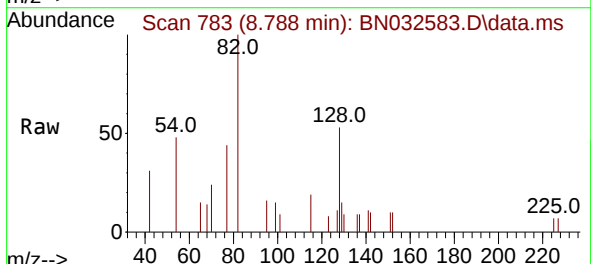
Instrument :
BNA_N
ClientSampleId :

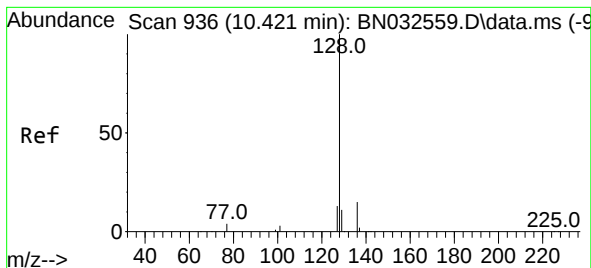
Tgt Ion:136	Resp:	14131
Ion Ratio	Lower	Upper
136	100	
137	12.2	10.0 15.0
54	8.6	6.6 9.8
68	7.4	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

Tgt Ion: 82	Resp:	2555
Ion Ratio	Lower	Upper
82	100	
128	53.4	43.4 65.2
54	47.8	40.2 60.2





#9

Naphthalene

Concen: 0.041 ng

RT: 10.410 min Scan# 91

Delta R.T. -0.011 min

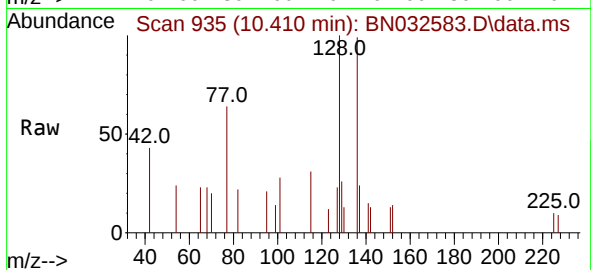
Lab File: BN032583.D

Acq: 09 Jul 2024 12:13

Instrument :

BNA_N

ClientSampleId :



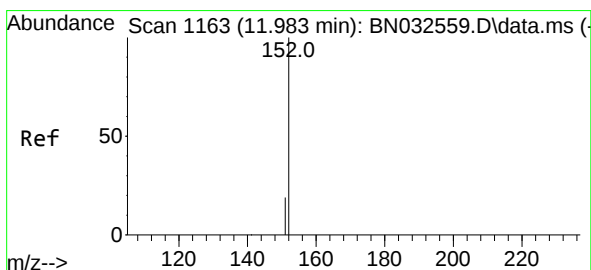
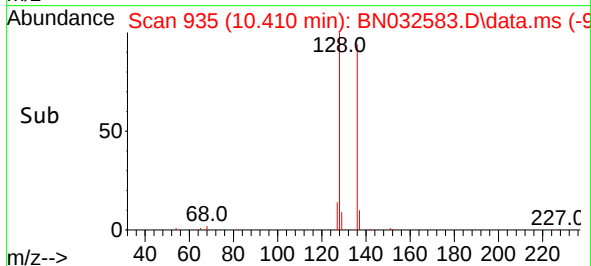
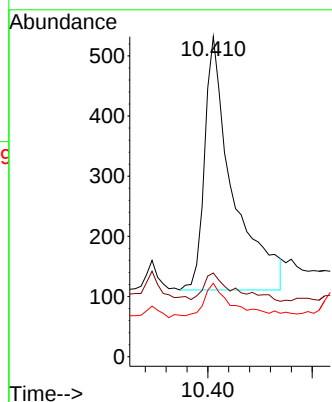
Tgt Ion:128 Resp: 1570

Ion Ratio Lower Upper

128 100

129 26.1 10.2 15.4#

127 22.9 11.4 17.0#



#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 11.968 min Scan# 1159

Delta R.T. -0.015 min

Lab File: BN032583.D

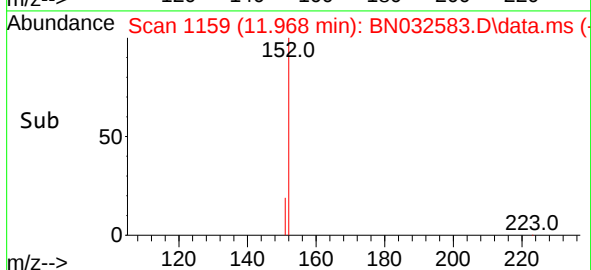
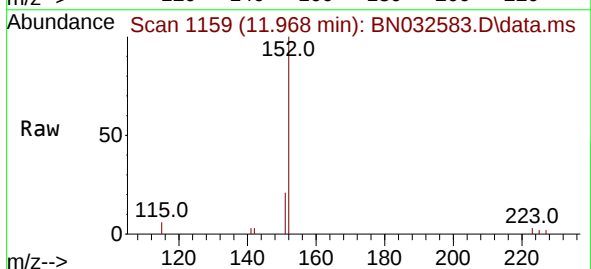
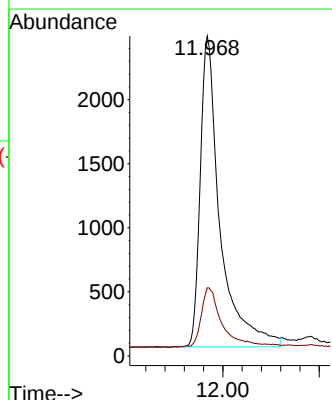
Acq: 09 Jul 2024 12:13

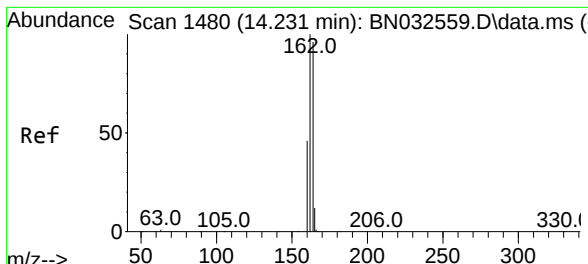
Tgt Ion:152 Resp: 6906

Ion Ratio Lower Upper

152 100

151 18.8 16.4 24.6

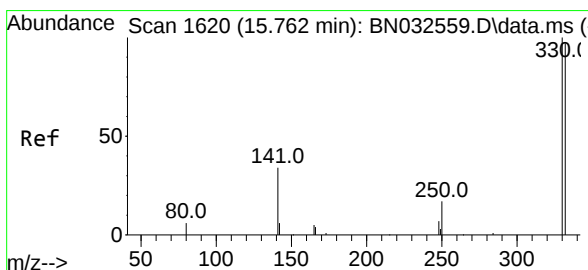
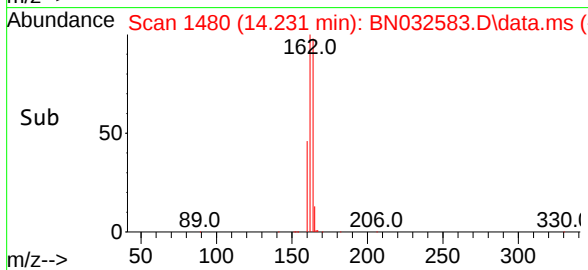
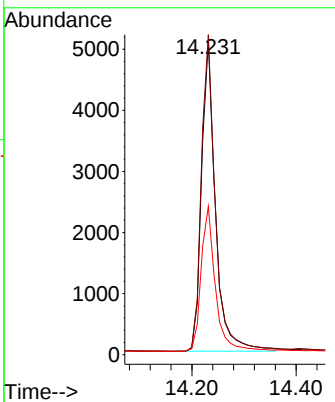
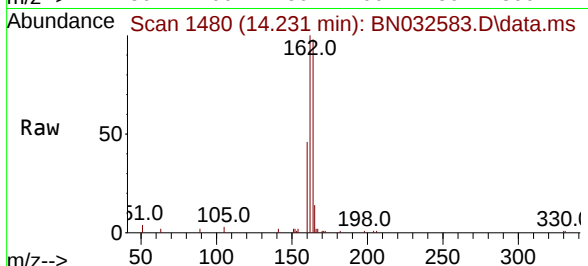




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.231 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: BN032583.D
 Acq: 09 Jul 2024 12:13

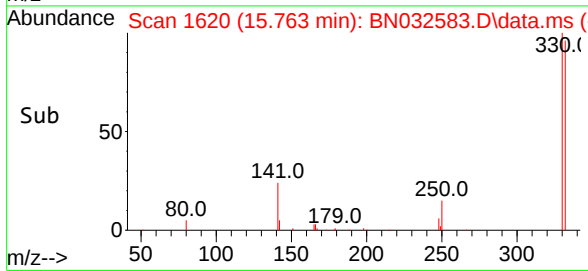
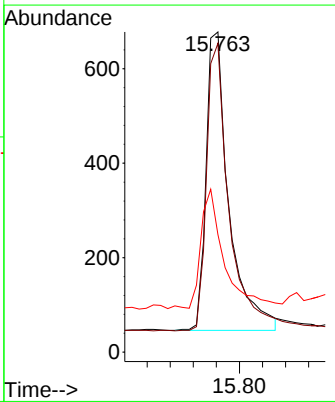
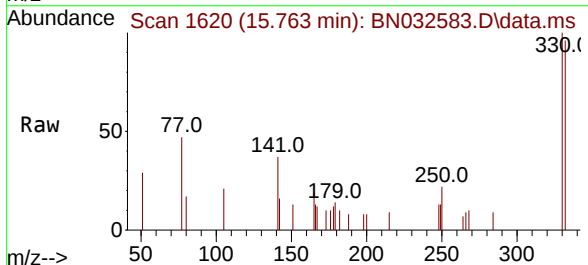
Instrument :
 BNA_N
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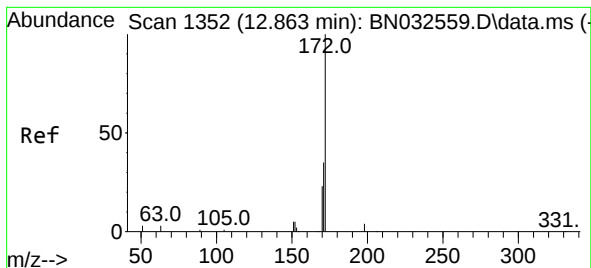
Tgt Ion:	164	Resp:	9416
Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.2	124.8
160	47.4	38.6	57.8



#14
 2,4,6-Tribromophenol
 Concen: 0.407 ng
 RT: 15.763 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BN032583.D
 Acq: 09 Jul 2024 12:13

Tgt Ion:	330	Resp:	1737
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	39.0	31.8	47.8





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.852 min Scan# 11

Delta R.T. -0.011 min

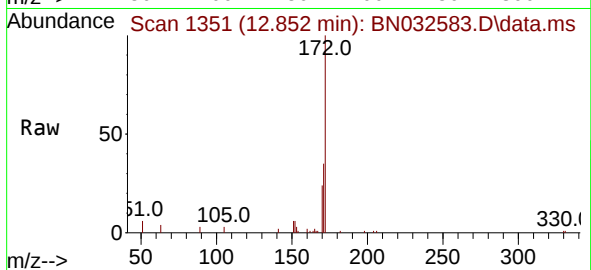
Lab File: BN032583.D

Acq: 09 Jul 2024 12:13

Instrument :

BNA_N

ClientSampleId :



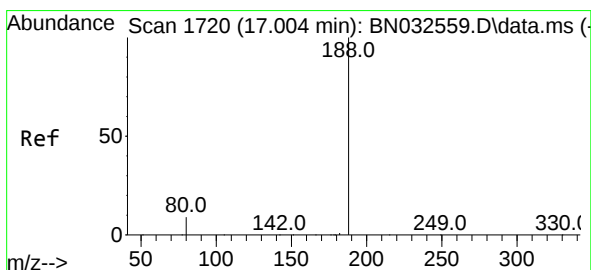
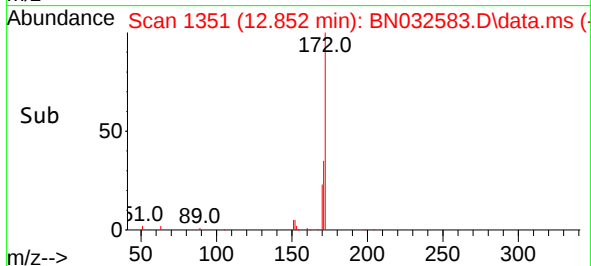
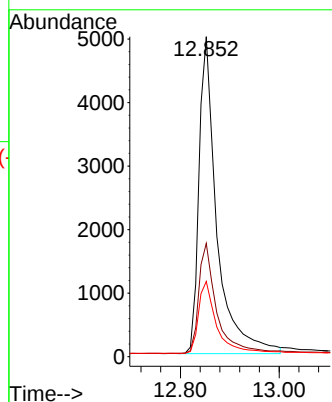
Tgt Ion:172 Resp: 12574

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.5 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 1719

Delta R.T. -0.012 min

Lab File: BN032583.D

Acq: 09 Jul 2024 12:13

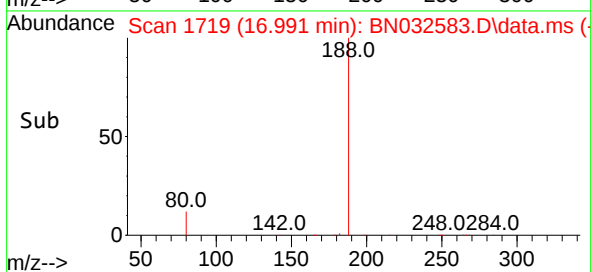
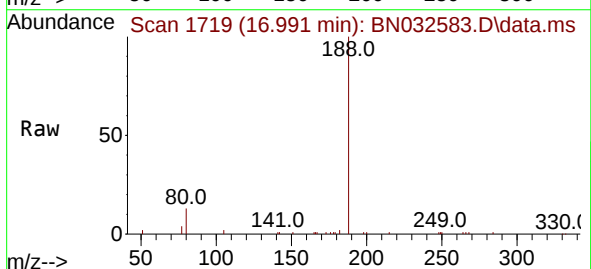
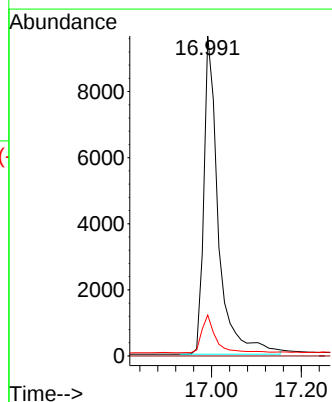
Tgt Ion:188 Resp: 21690

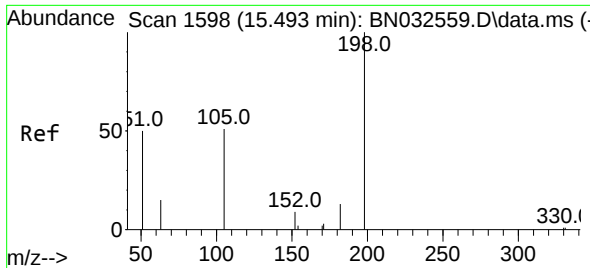
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

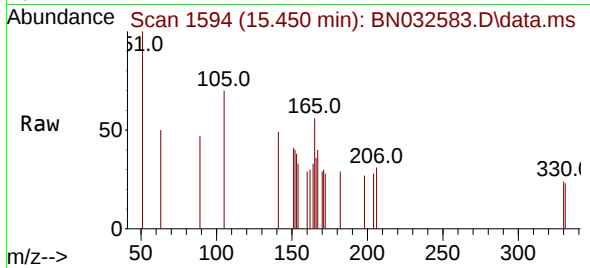
80 12.8 7.8 11.6#



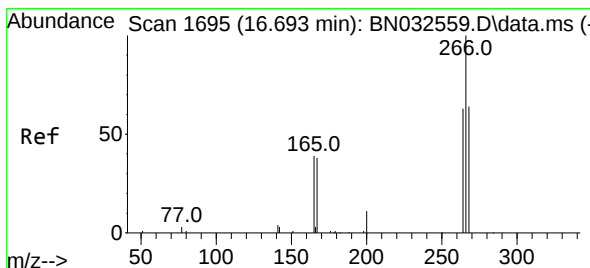
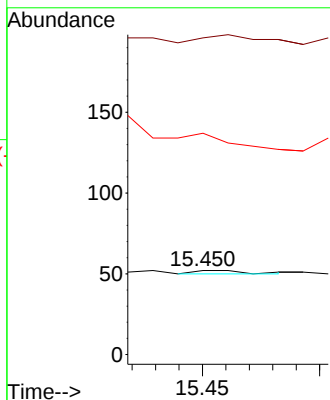
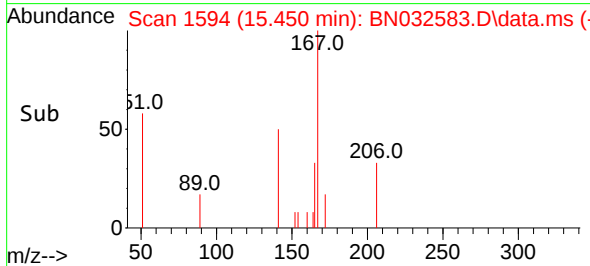


#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.450 min Scan# 1594
Delta R.T. -0.043 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

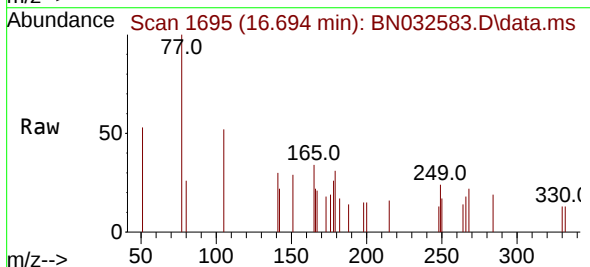
Instrument :
BNA_N
ClientSampleId :



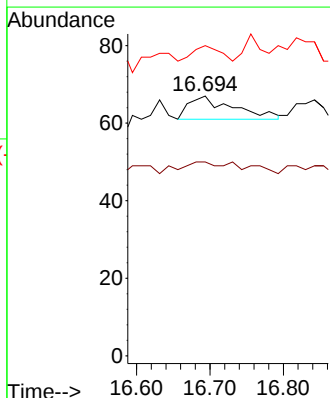
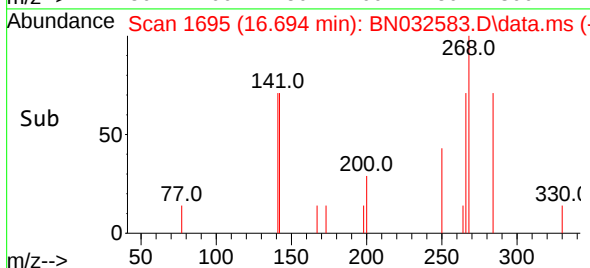
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 376.9 123.4 185.2#
105 263.5 79.5 119.3#

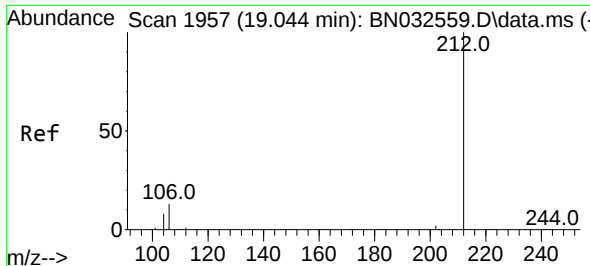


#24
Pentachlorophenol
Concen: 0.172 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.001 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13



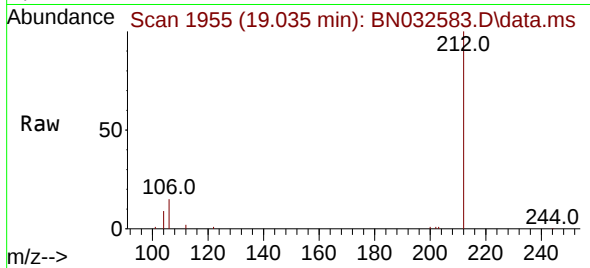
Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 72.0 49.6 74.4
268 40.0 52.2 78.2#



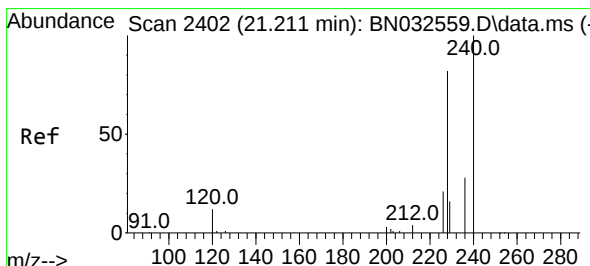
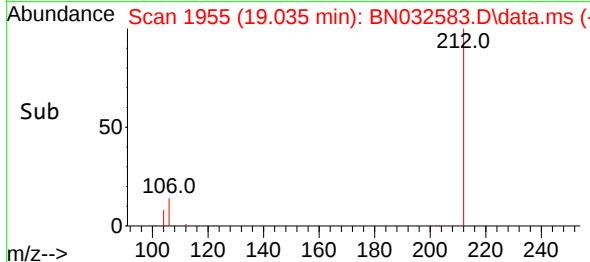
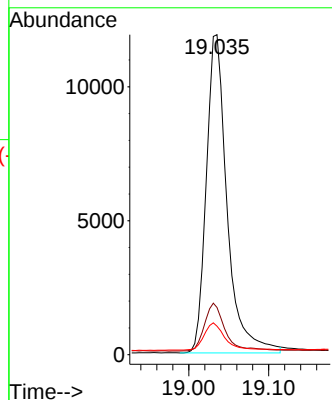


#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.035 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

Instrument :
BNA_N
ClientSampleId :

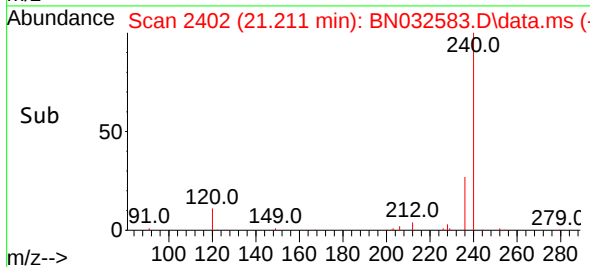
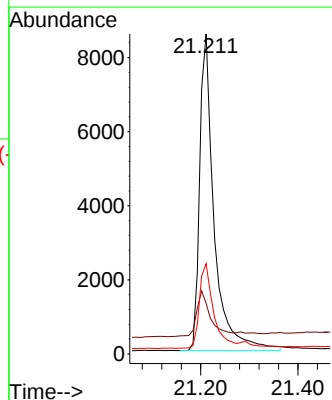
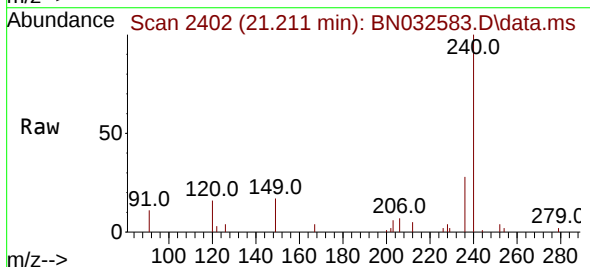


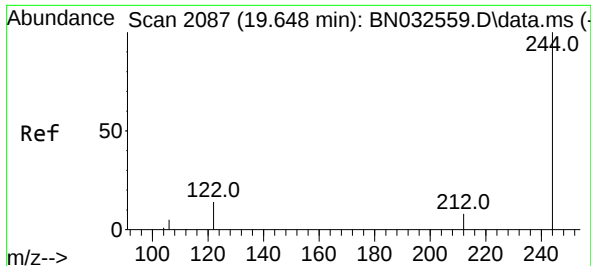
Tgt Ion:212 Resp: 21481
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 8.9 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

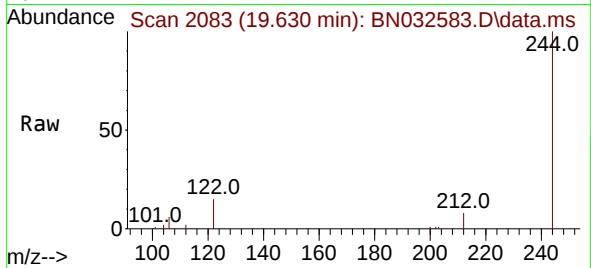
Tgt Ion:240 Resp: 17588
Ion Ratio Lower Upper
240 100
120 15.8 13.0 19.4
236 28.2 23.1 34.7



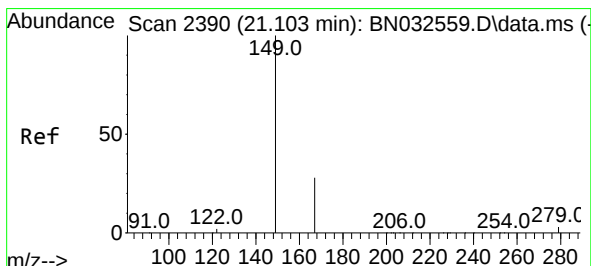
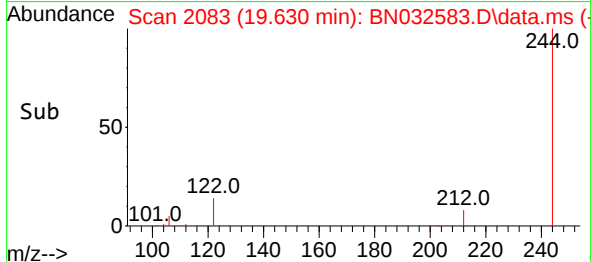
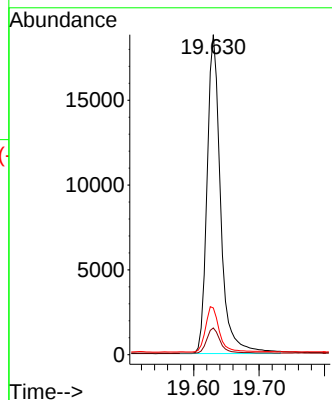


#31
Terphenyl-d14
Concen: 0.630 ng
RT: 19.630 min Scan# 2087
Delta R.T. -0.018 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

Instrument :
BNA_N
ClientSampleId :

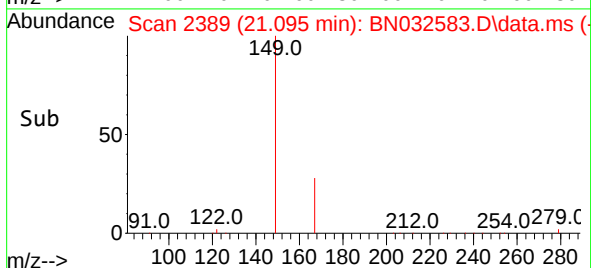
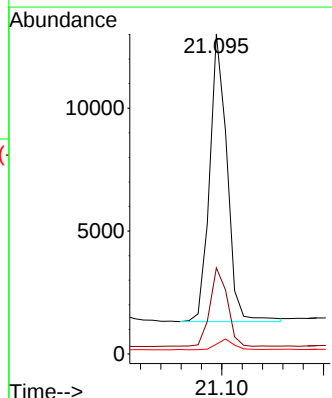
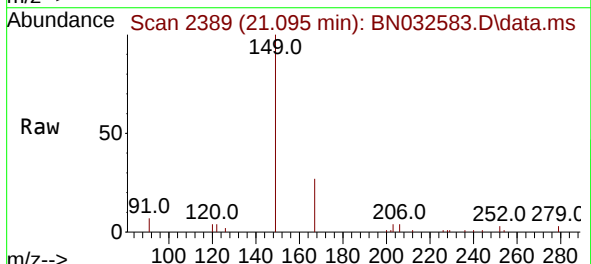


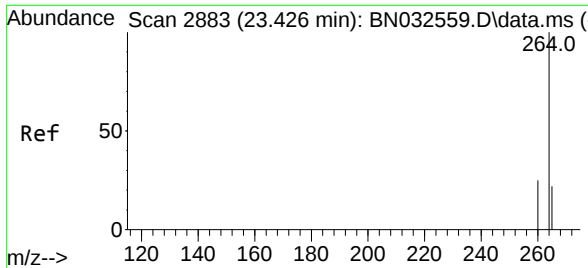
Tgt Ion:244 Resp: 27055
Ion Ratio Lower Upper
244 100
212 8.3 7.2 10.8
122 14.6 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032583.D
Acq: 09 Jul 2024 12:13

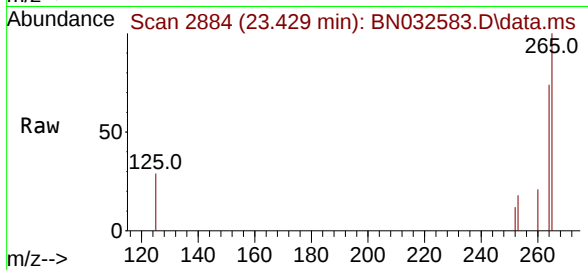
Tgt Ion:149 Resp: 13867
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 3.9 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.429 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN032583.D
 Acq: 09 Jul 2024 12:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 10848
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.0 31.6
 265 134.7 76.6 115.0#

