

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032580.D
 Acq On : 09 Jul 2024 10:25
 Operator : MA/JU
 Sample : P3167-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 12:02:09 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)

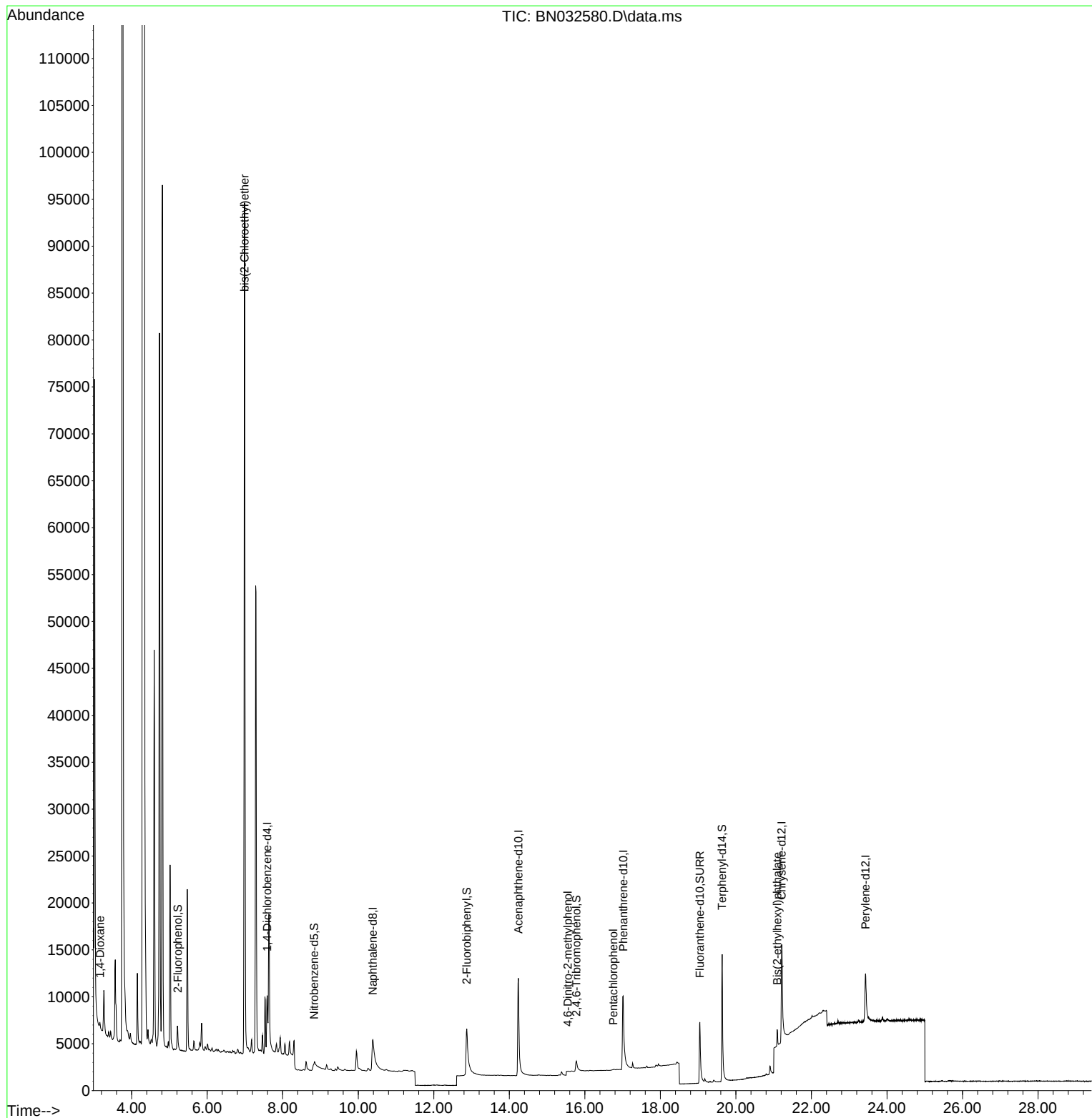
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4318	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	13228	0.400	ng	0.01
13) Acenaphthene-d10	14.242	164	10062	0.400	ng	0.01
19) Phenanthrene-d10	17.016	188	22246	0.400	ng	0.01
29) Chrysene-d12	21.211	240	17711	0.400	ng	# 0.00
35) Perylene-d12	23.431	264	10573	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	551	0.050	ng	0.01
5) Phenol-d6	6.801	99	115	0.008	ng	-0.02
8) Nitrobenzene-d5	8.830	82	2585	0.262	ng	0.03
11) 2-Methylnaphthalene-d10	11.990	152	74	0.004	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1237	0.271	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	11279	0.304	ng	0.01
27) Fluoranthene-d10	19.045	212	11867	0.205	ng	0.00
31) Terphenyl-d14	19.635	244	19398	0.449	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	425	0.075	ng	# 75
6) bis(2-Chloroethyl)ether	6.989	93	70922	5.900	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.552	198	7	0.199	ng	# 1
24) Pentachlorophenol	16.756	266	51	0.176	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.095	149	2125	0.053	ng	95

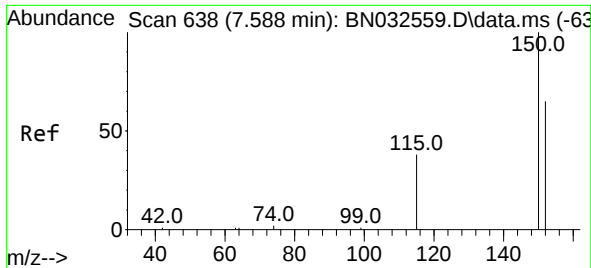
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN032580.D
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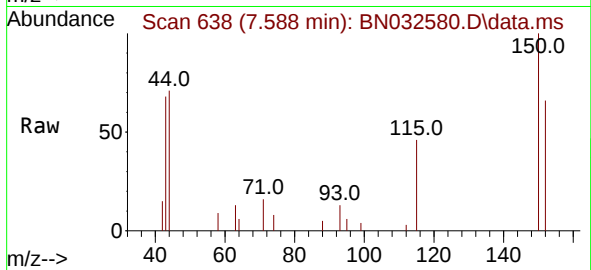
Quant Time: Jul 09 12:02:09 2024
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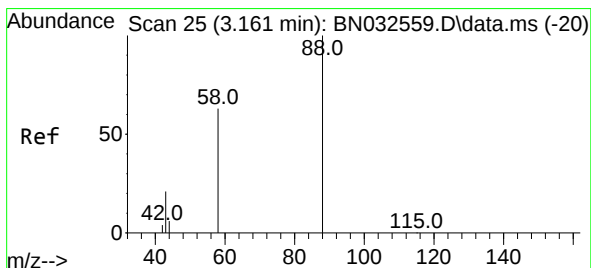
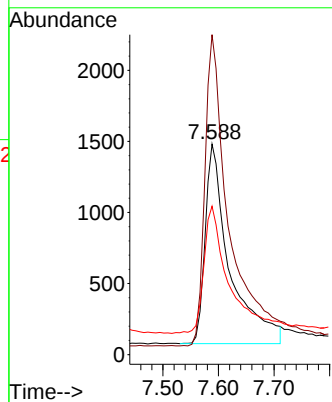
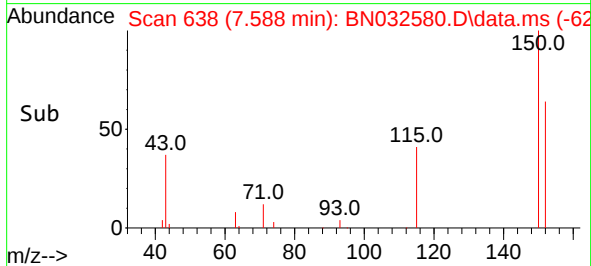


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032580.D
 Acq: 09 Jul 2024 10:25

Instrument :
 BNA_N
 ClientSampleId :

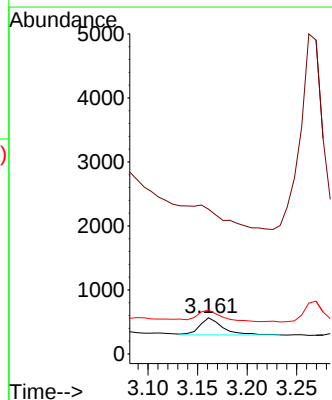
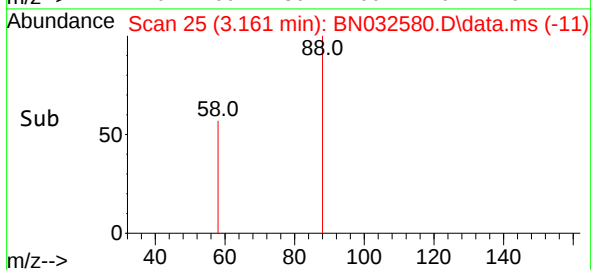
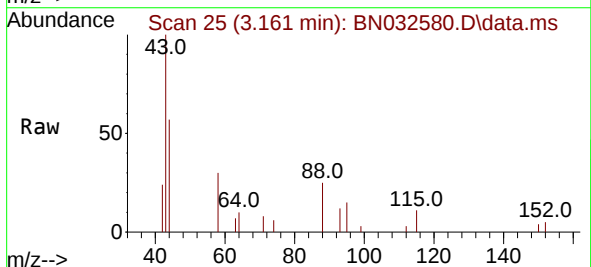


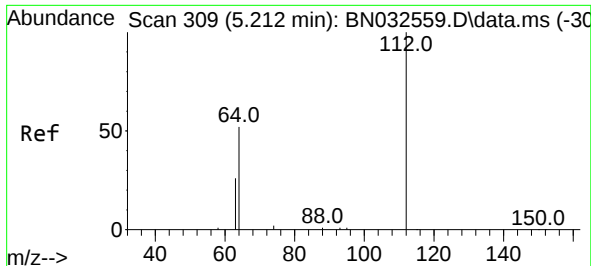
Tgt Ion:152 Resp: 4318
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.6 182.4
 115 70.5 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.075 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032580.D
 Acq: 09 Jul 2024 10:25

Tgt Ion: 88 Resp: 425
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.4 30.6#
 58 75.8 51.0 76.6

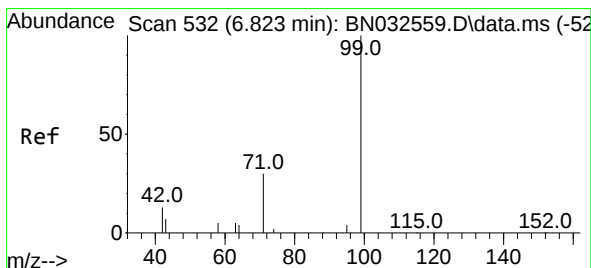
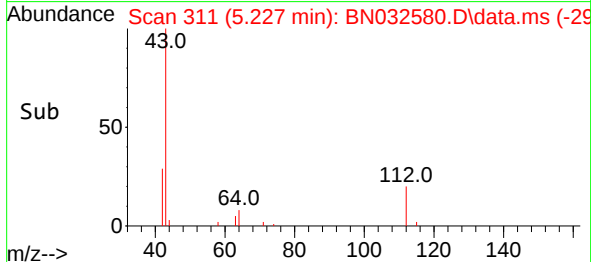
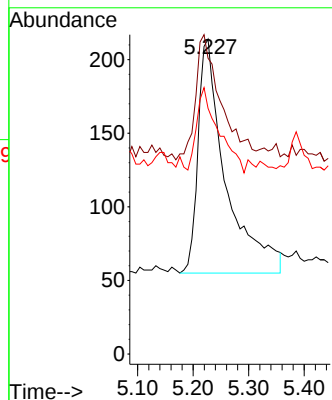
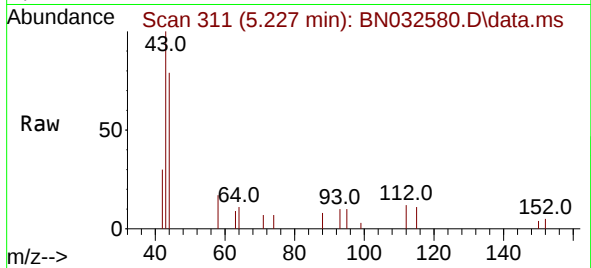




#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.227 min Scan# 311
Delta R.T. 0.015 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

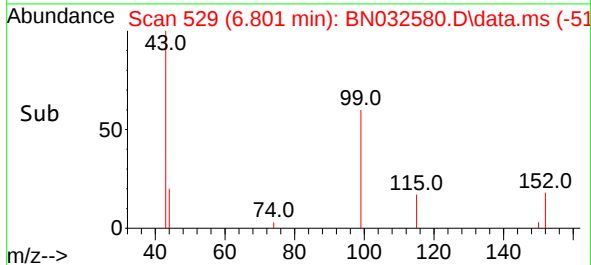
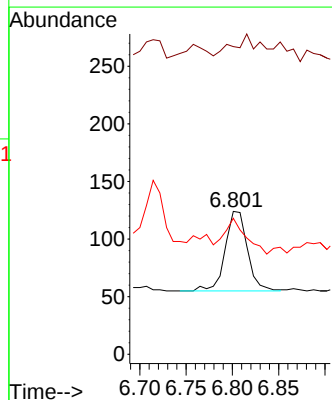
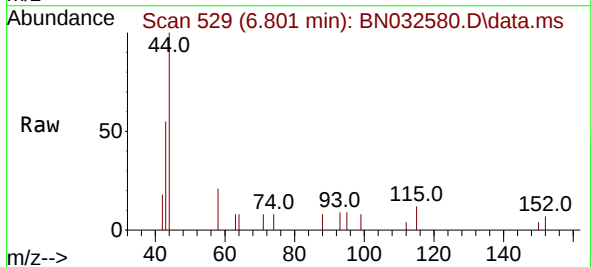
Instrument :
BNA_N
ClientSampleId :

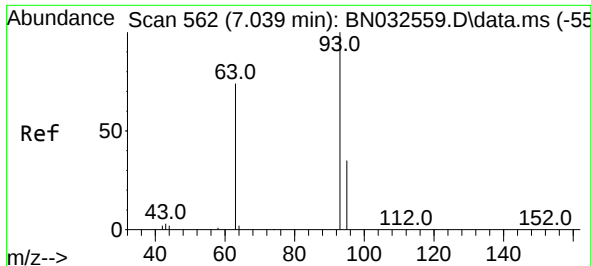
Tgt Ion:112 Resp: 551
Ion Ratio Lower Upper
112 100
64 48.8 41.2 61.8
63 29.0 21.6 32.4



#5
Phenol-d6
Concen: 0.008 ng
RT: 6.801 min Scan# 529
Delta R.T. -0.022 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Tgt Ion: 99 Resp: 115
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#

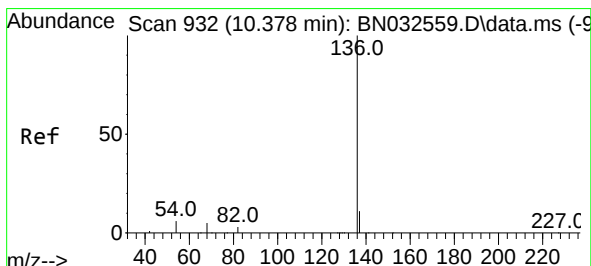
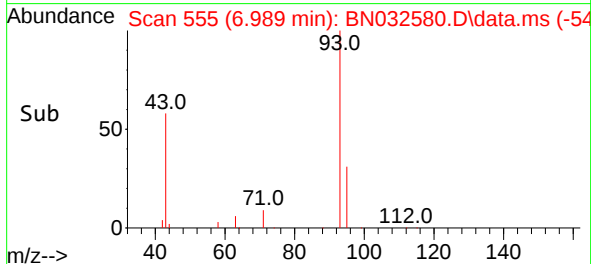
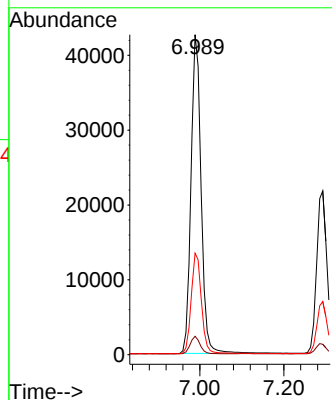
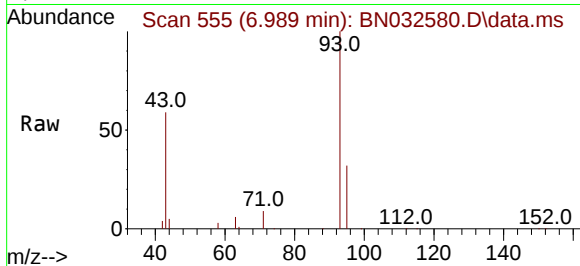




#6
bis(2-Chloroethyl)ether
Concen: 5.900 ng
RT: 6.989 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

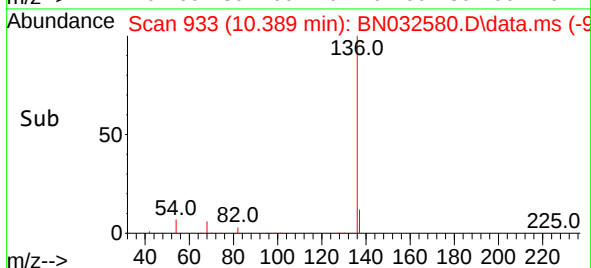
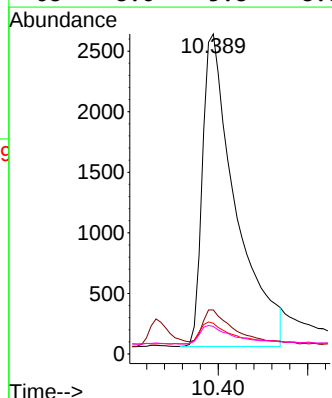
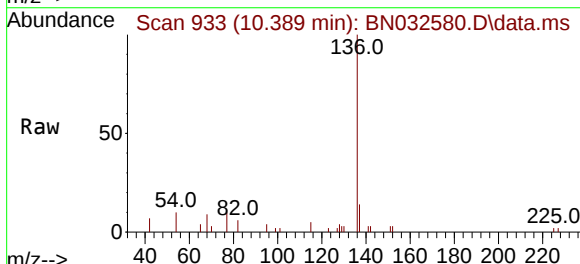
Instrument :
BNA_N
ClientSampleId :

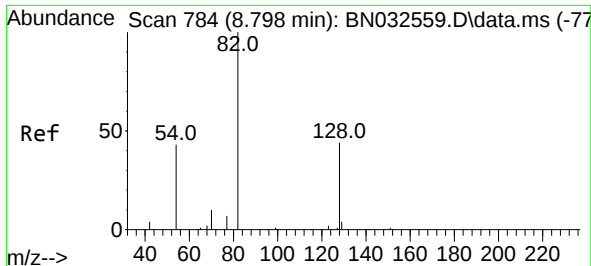
Tgt Ion: 93 Resp: 70922
Ion Ratio Lower Upper
93 100
63 5.3 54.1 81.1#
95 32.0 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.011 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Tgt Ion:136 Resp: 13228
Ion Ratio Lower Upper
136 100
137 13.7 10.0 15.0
54 9.6 6.6 9.8
68 8.6 5.8 8.8

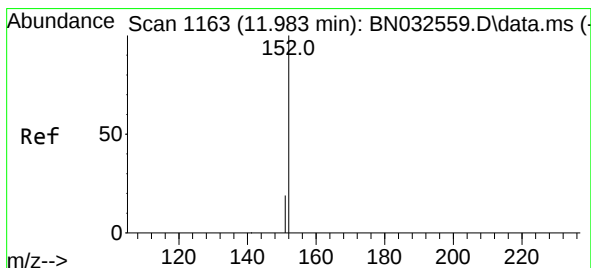
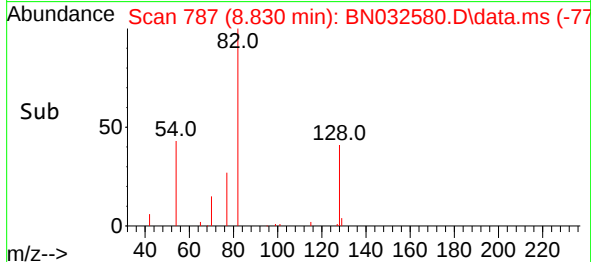
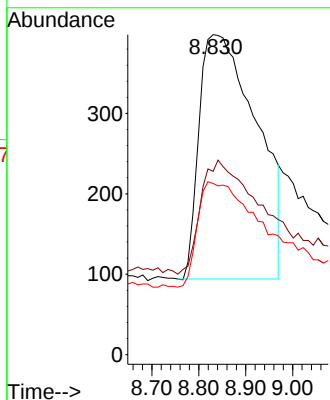
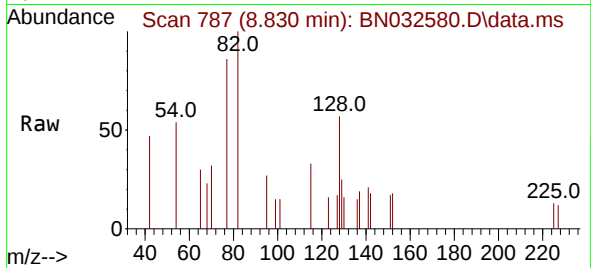




#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.830 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

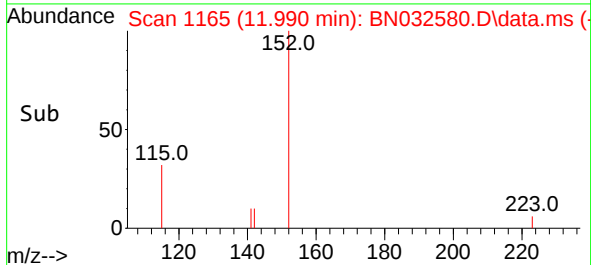
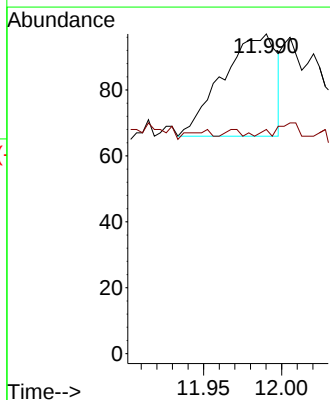
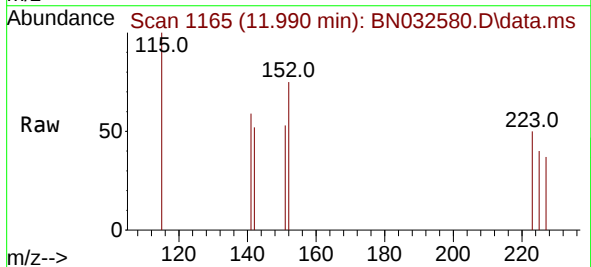
Instrument :
BNA_N
ClientSampleId :

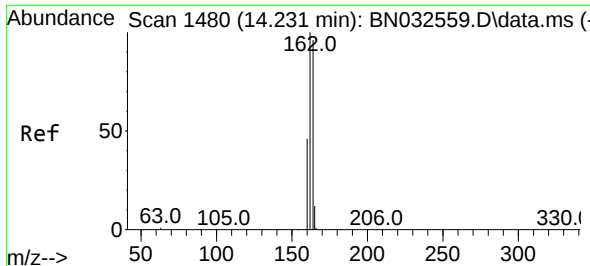
Tgt Ion: 82 Resp: 2585
Ion Ratio Lower Upper
82 100
128 57.3 43.4 65.2
54 53.5 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.004 ng
RT: 11.990 min Scan# 1165
Delta R.T. 0.008 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

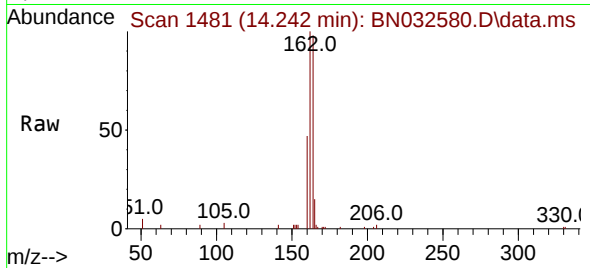
Tgt Ion:152 Resp: 74
Ion Ratio Lower Upper
152 100
151 5.4 16.4 24.6#



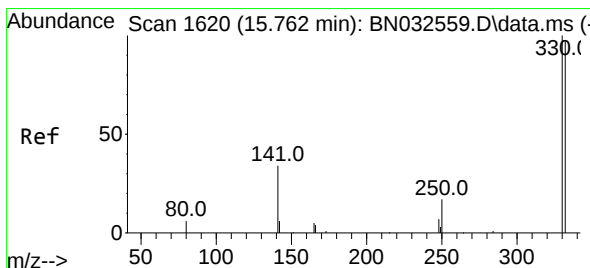
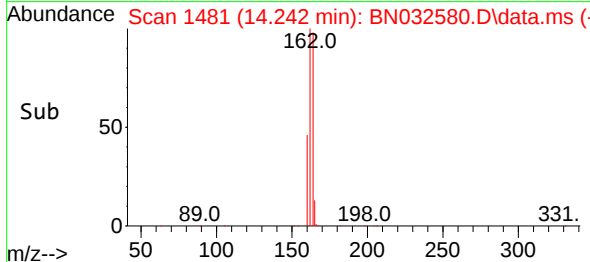
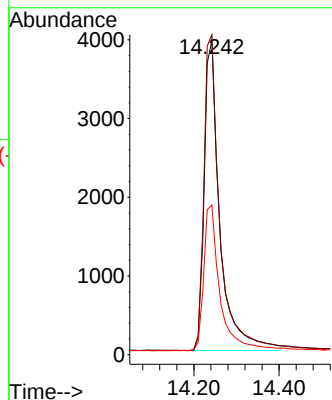


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Instrument :
BNA_N
ClientSampleId :

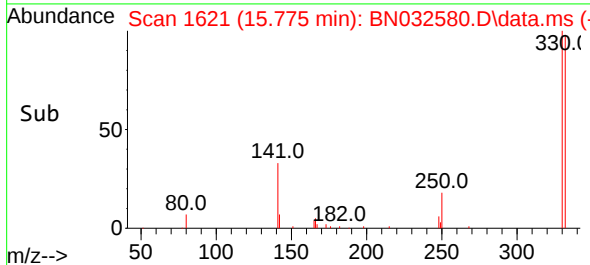
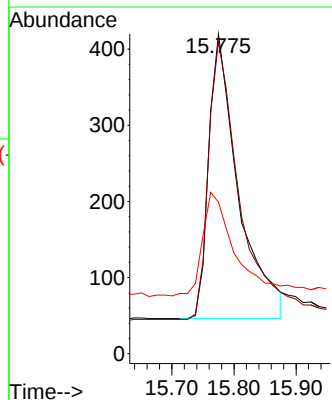
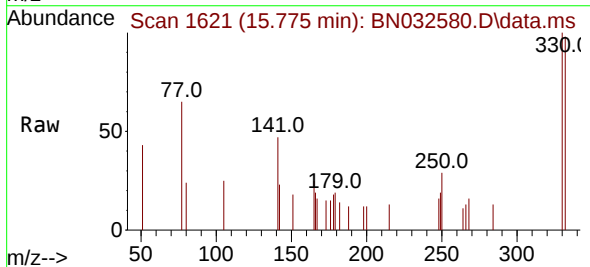


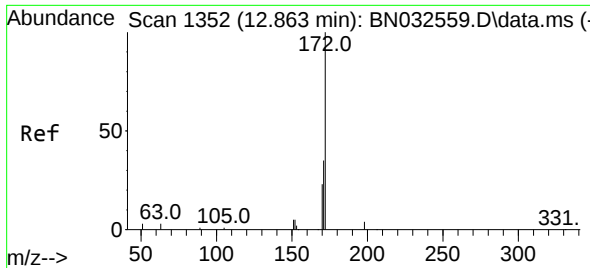
Tgt Ion:164 Resp: 10062
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 47.6 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.013 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Tgt Ion:330 Resp: 1237
Ion Ratio Lower Upper
330 100
332 101.1 77.7 116.5
141 39.2 31.8 47.8

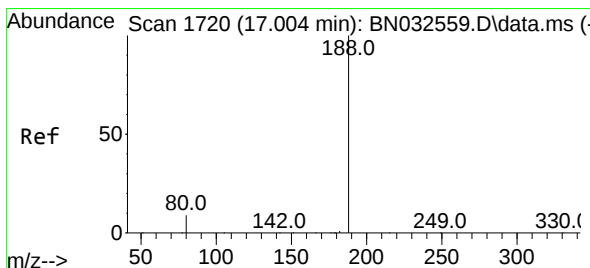
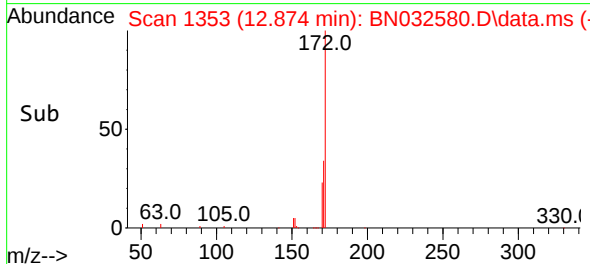
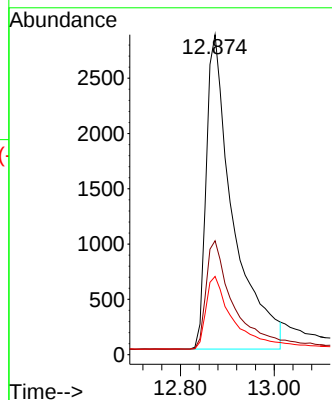
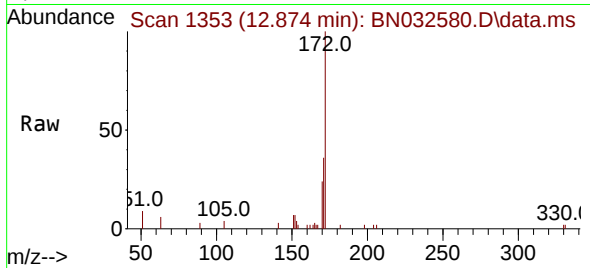




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.874 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

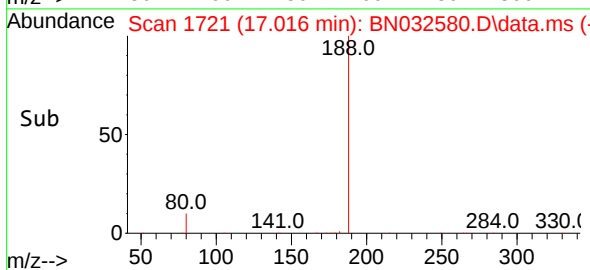
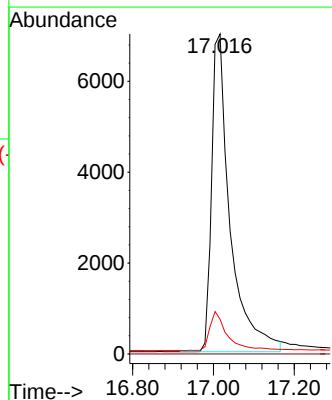
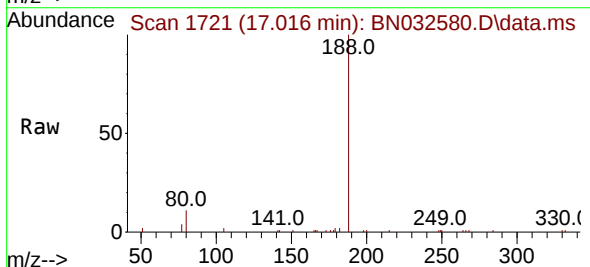
Instrument :
BNA_N
ClientSampleId :

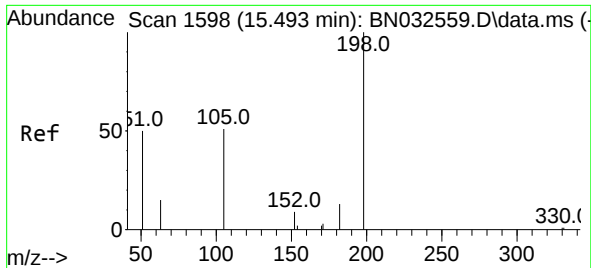
Tgt Ion:172 Resp: 11279
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.4 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 1721
Delta R.T. 0.012 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Tgt Ion:188 Resp: 22246
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.8 11.6

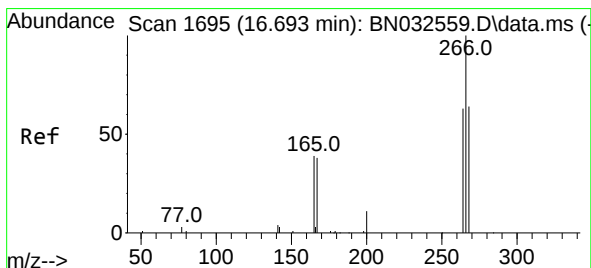
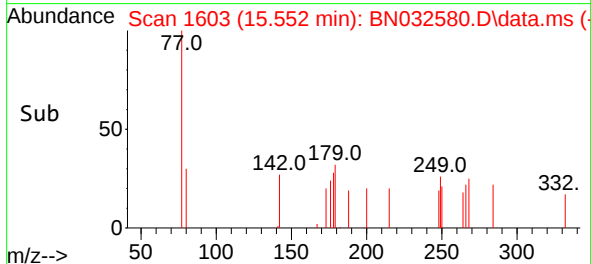
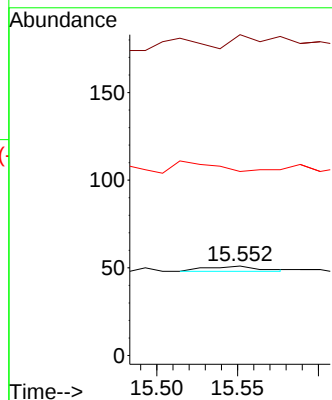
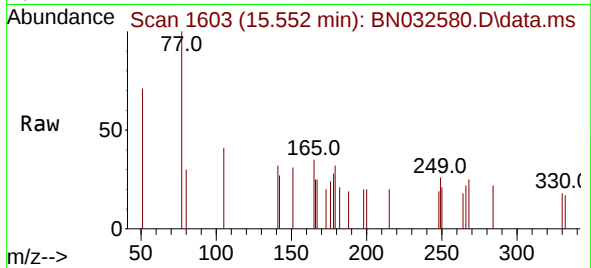




#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.552 min Scan# 1
Delta R.T. 0.059 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

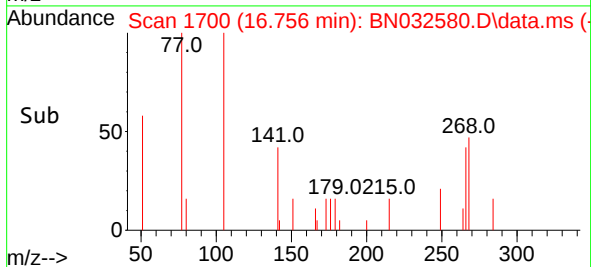
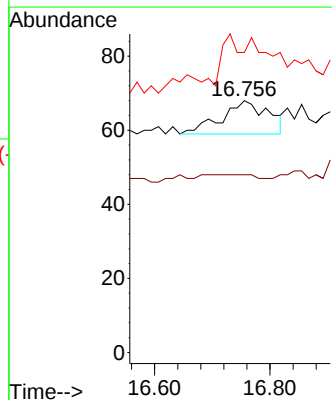
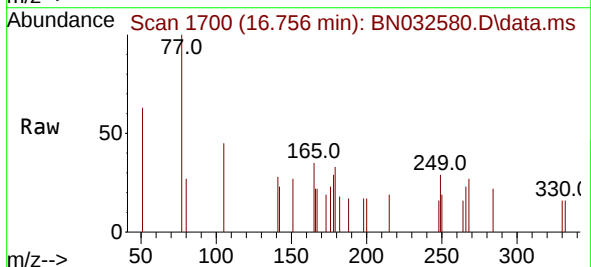
Instrument :
BNA_N
ClientSampleId :

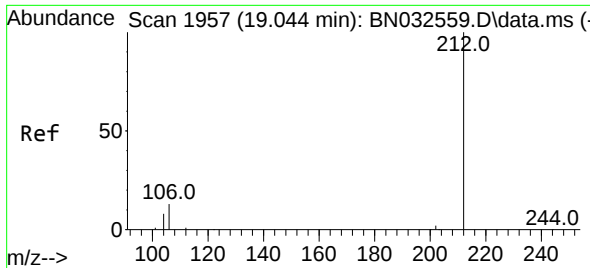
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 358.8 123.4 185.2#
105 205.9 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.176 ng
RT: 16.756 min Scan# 1700
Delta R.T. 0.063 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 0.0 52.2 78.2#

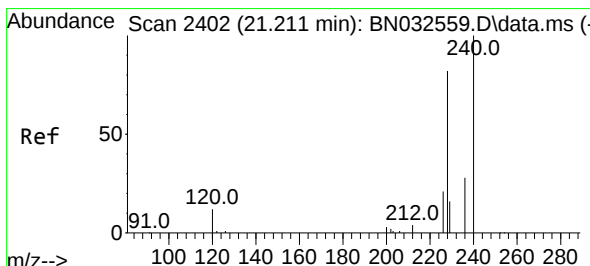
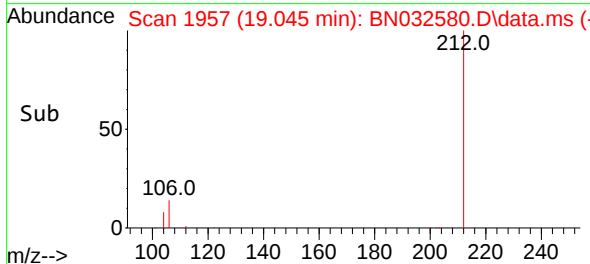
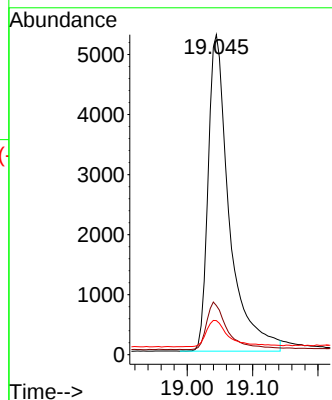
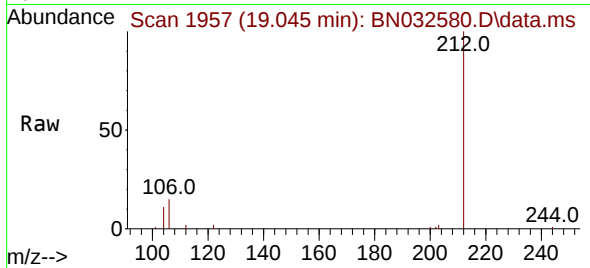




#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.045 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

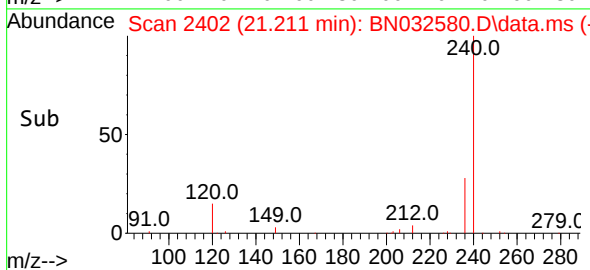
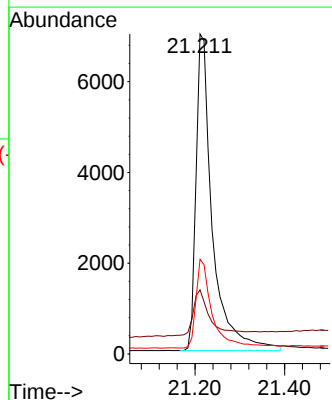
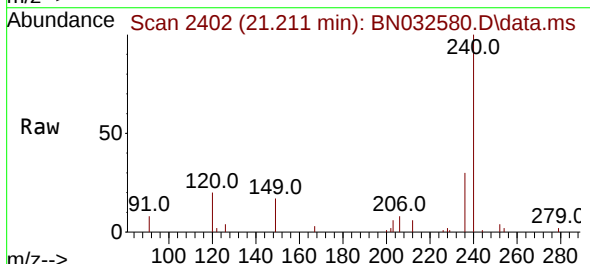
Instrument :
BNA_N
ClientSampleId :

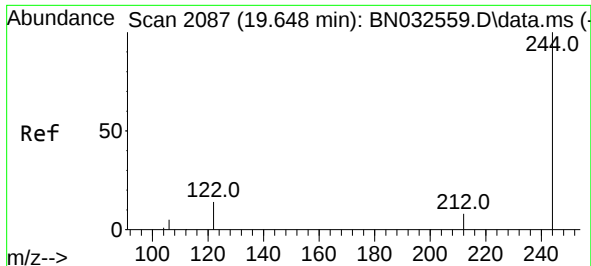
Tgt Ion:212 Resp: 11867
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.8
104 9.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

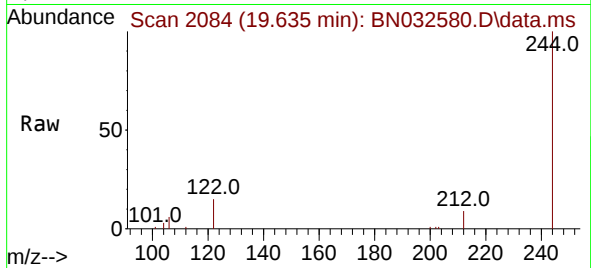
Tgt Ion:240 Resp: 17711
Ion Ratio Lower Upper
240 100
120 20.0 13.0 19.4#
236 29.6 23.1 34.7



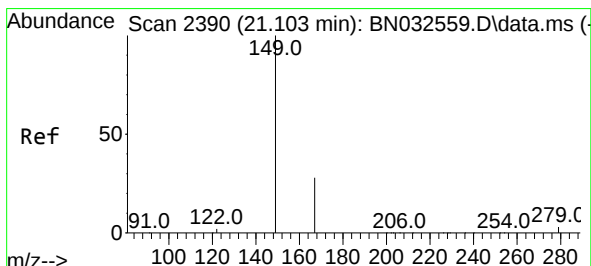
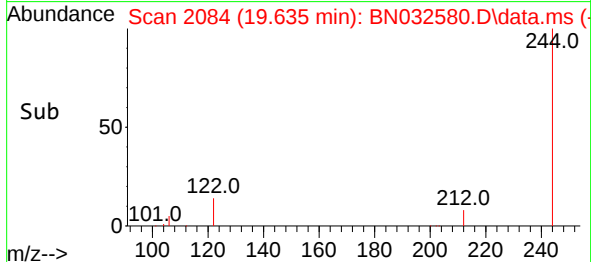
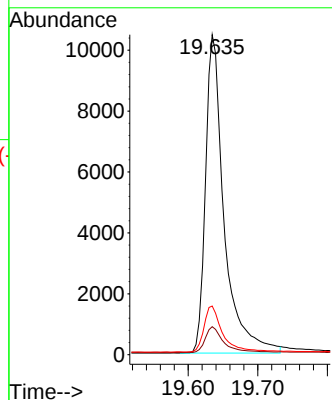


#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.635 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN032580.D
 Acq: 09 Jul 2024 10:25

Instrument :
 BNA_N
 ClientSampleId :

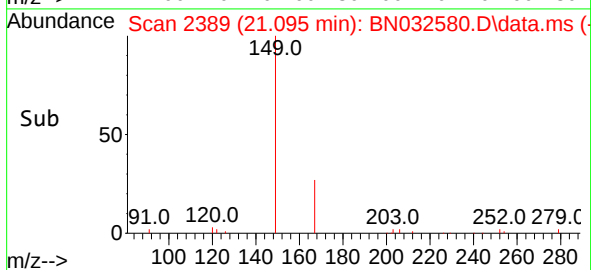
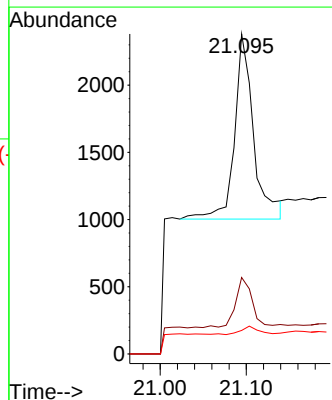
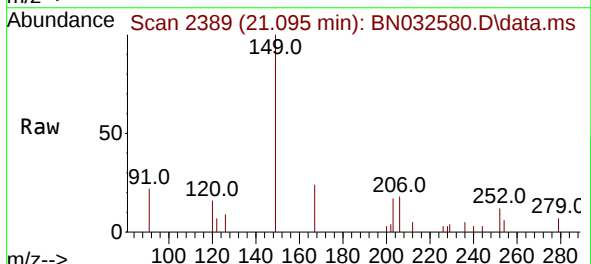


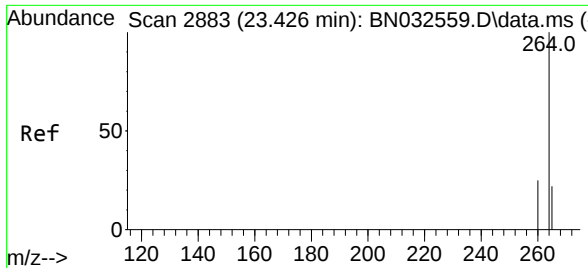
Tgt Ion:244 Resp: 19398
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 15.2 12.1 18.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.095 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032580.D
 Acq: 09 Jul 2024 10:25

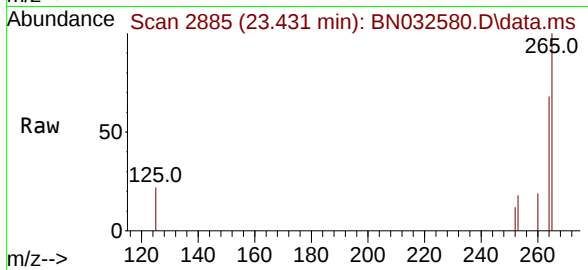
Tgt Ion:149 Resp: 2125
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.6 32.4
 279 3.8 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.431 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN032580.D
Acq: 09 Jul 2024 10:25

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 10573

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.0	31.6
265	147.2	76.6	115.0

