

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036887.D
 Acq On : 11 Apr 2025 20:34
 Operator : RC/JU
 Sample : Q1741-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-74-040425

Quant Time: Apr 11 23:06:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

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

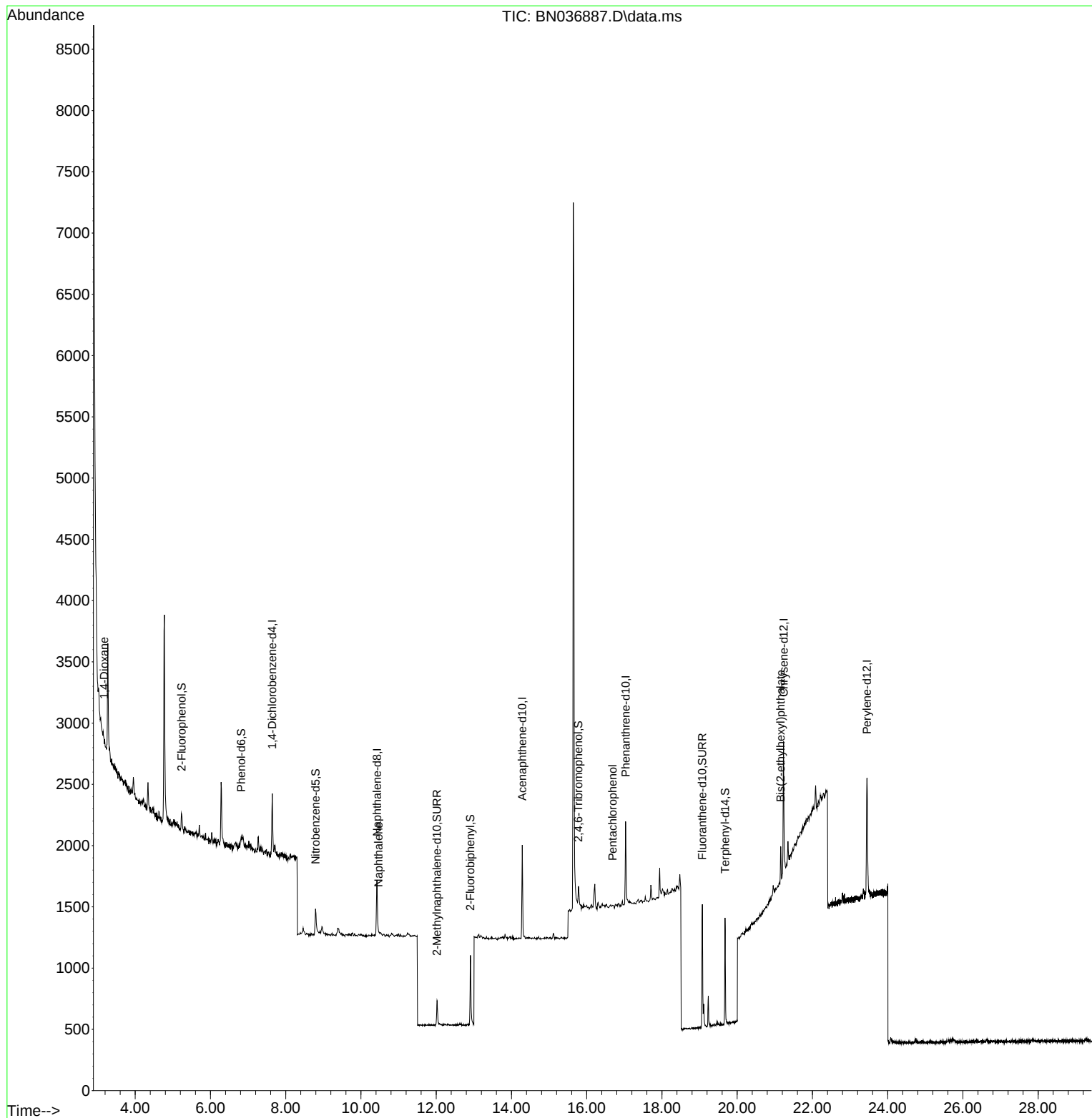
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	257	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	678	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	429	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	971	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1082	0.400	ng	0.00
35) Perylene-d12	23.447	264	1366	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	111	0.184	ng	0.00
5) Phenol-d6	6.817	99	87	0.113	ng	0.00
8) Nitrobenzene-d5	8.792	82	247	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	340	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	85	0.411	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	709	0.344	ng	0.00
27) Fluoranthene-d10	19.073	212	1122	0.410	ng	0.00
31) Terphenyl-d14	19.676	244	859	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.177	88	13	0.044	ng	# 17
9) Naphthalene	10.468	128	44	0.023	ng	# 1
24) Pentachlorophenol	16.686	266	25	0.069	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.153	149	329	0.116	ng	# 98

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

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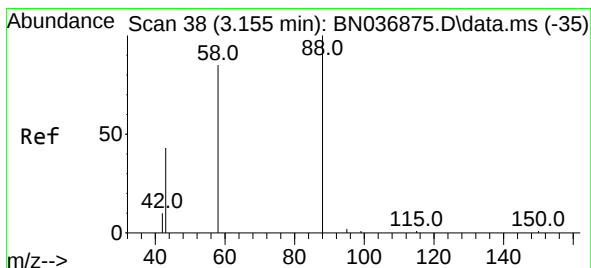
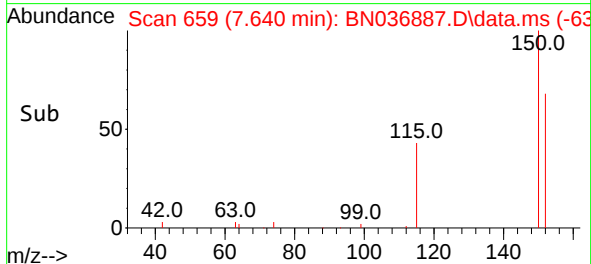
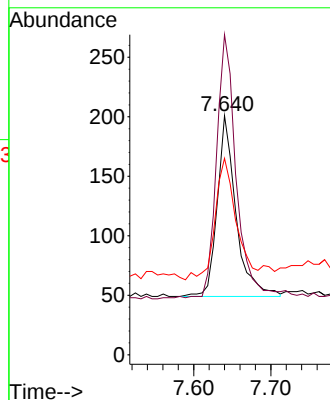
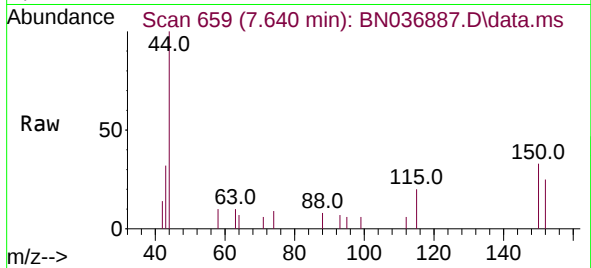




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036887.D
 Acq: 11 Apr 2025 20:34

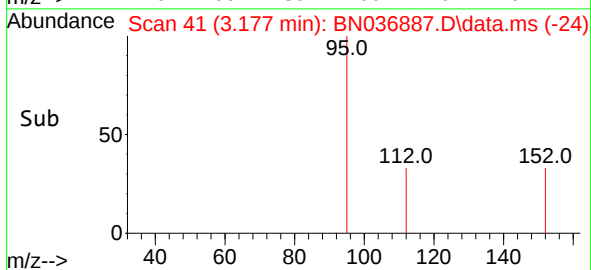
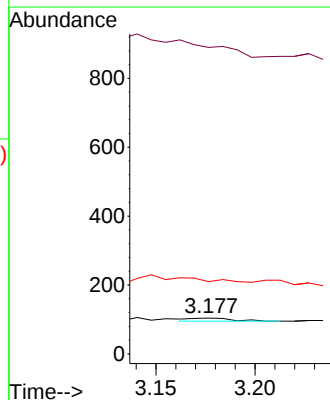
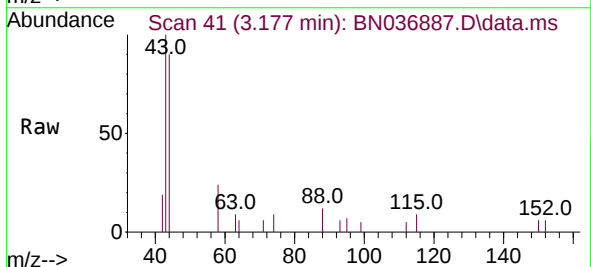
Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-74-040425

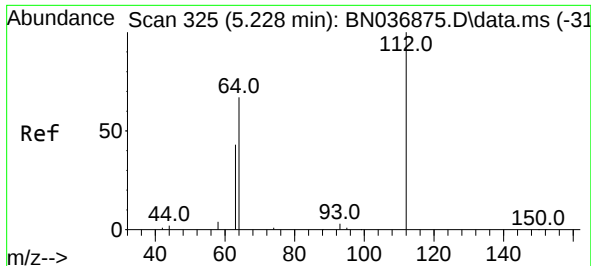
Tgt Ion: 152 Resp: 257
 Ion Ratio Lower Upper
 152 100
 150 133.8 123.0 184.6
 115 82.1 60.1 90.1



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.177 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: BN036887.D
 Acq: 11 Apr 2025 20:34

Tgt Ion: 88 Resp: 13
 Ion Ratio Lower Upper
 88 100
 43 0.0 39.2 58.8#
 58 0.0 63.5 95.3#

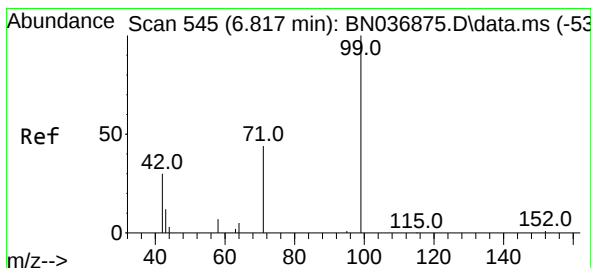
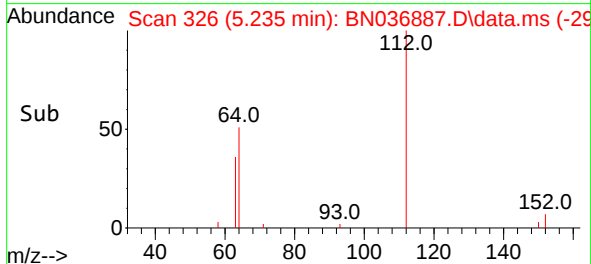
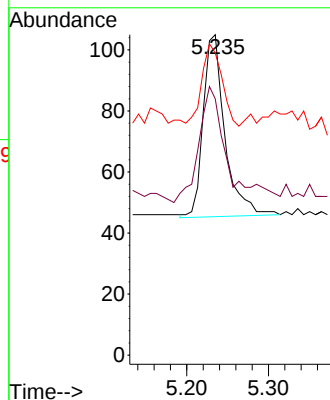
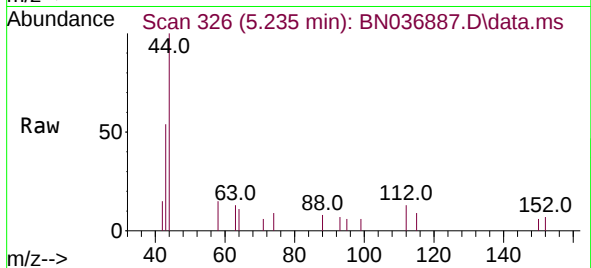




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.235 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

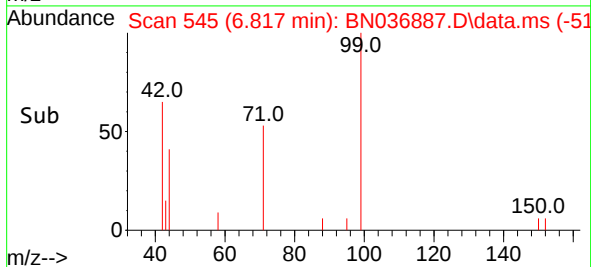
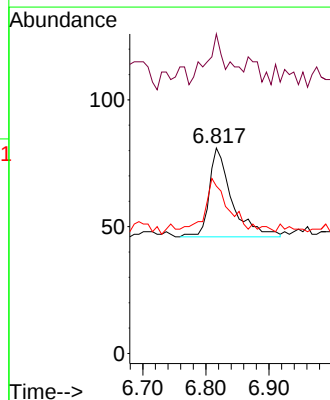
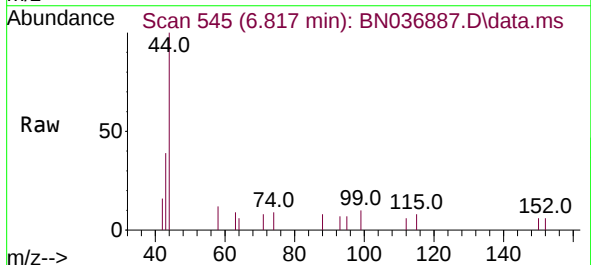
Instrument :
BNA_N
ClientSampleId :
RMW-06B-74-040425

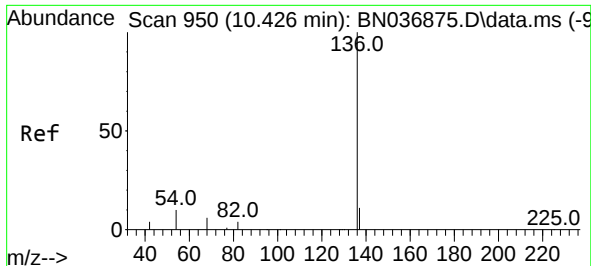
Tgt Ion:112 Resp: 111
Ion Ratio Lower Upper
112 100
64 73.9 54.0 81.0
63 46.8 35.1 52.7



#5
Phenol-d6
Concen: 0.113 ng
RT: 6.817 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion: 99 Resp: 87
Ion Ratio Lower Upper
99 100
42 52.9 30.9 46.3#
71 51.7 38.6 58.0

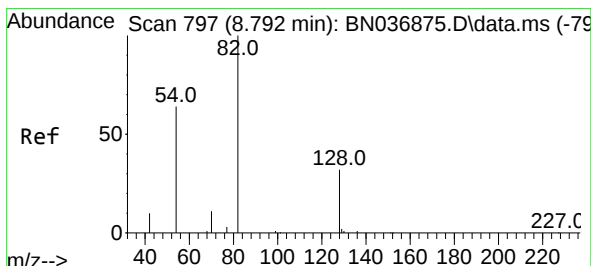
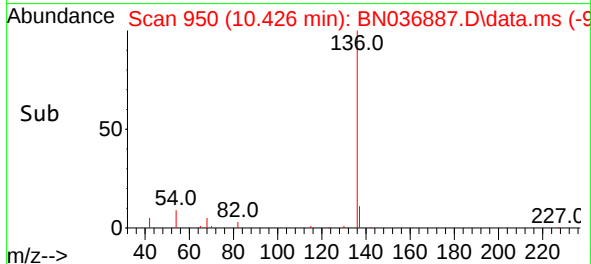
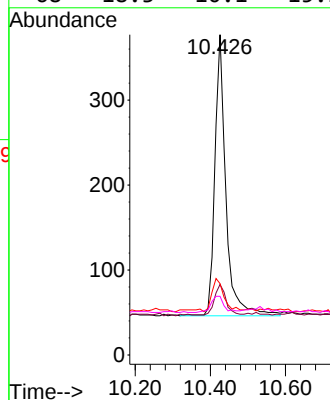
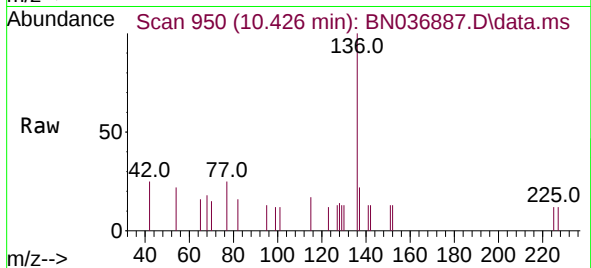




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

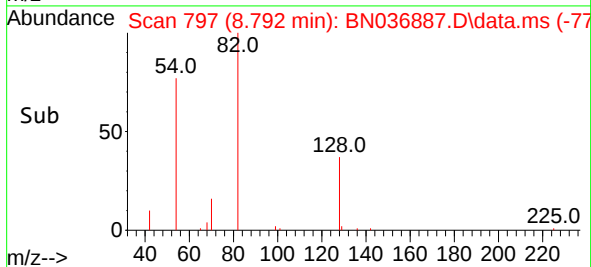
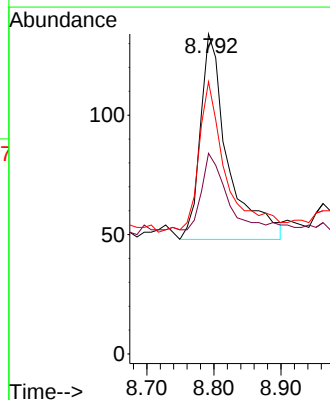
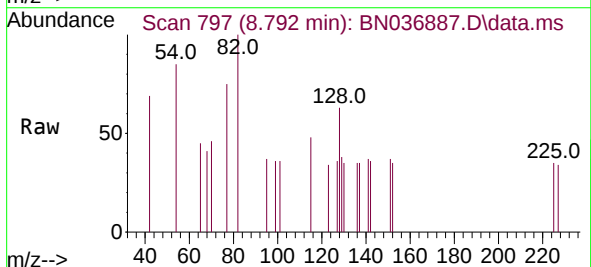
Instrument :
BNA_N
ClientSampleId :
RMW-06B-74-040425

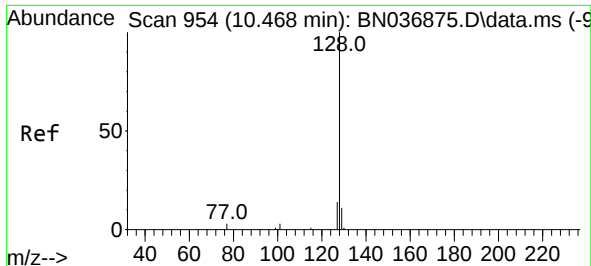
Tgt Ion:	136	Resp:	678
Ion	Ratio	Lower	Upper
136	100		
137	22.0	13.5	20.3#
54	22.3	12.8	19.2#
68	18.3	10.1	15.1#



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.792 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion:	82	Resp:	247
Ion	Ratio	Lower	Upper
82	100		
128	62.7	35.5	53.3#
54	85.1	56.2	84.4#

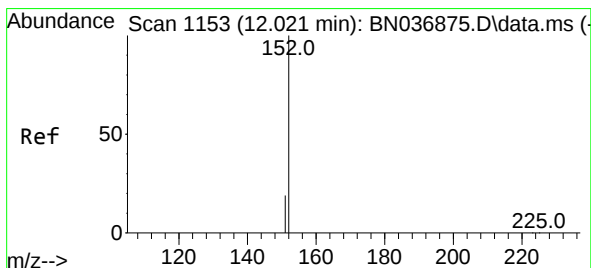
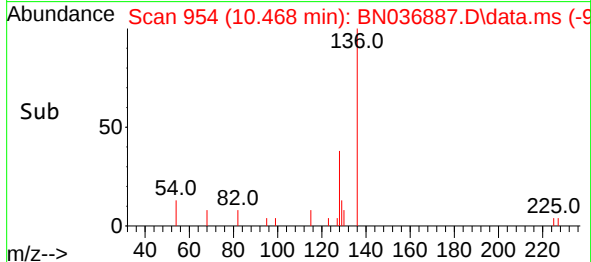
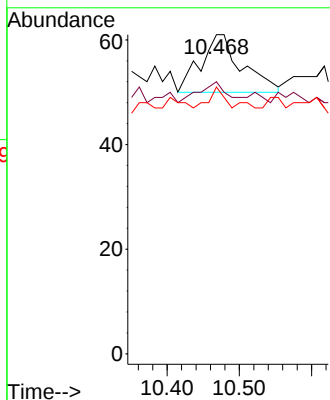
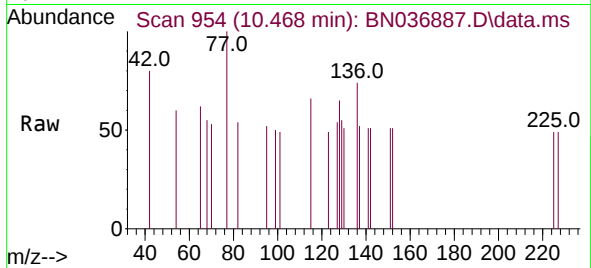




#9
Naphthalene
Concen: 0.023 ng
RT: 10.468 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

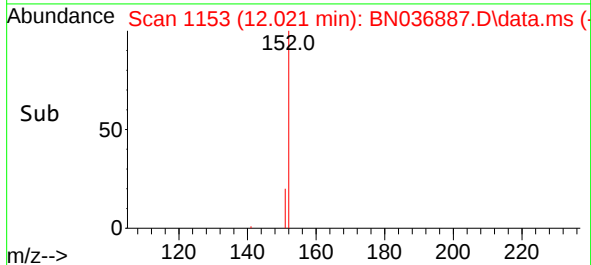
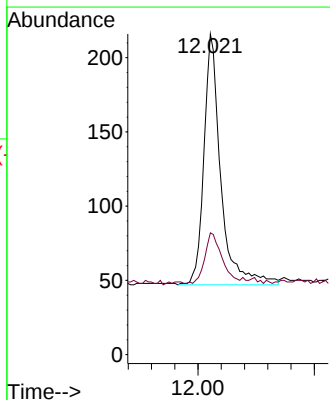
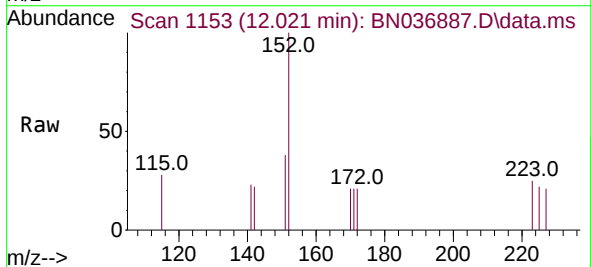
Instrument :
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ClientSampleId :
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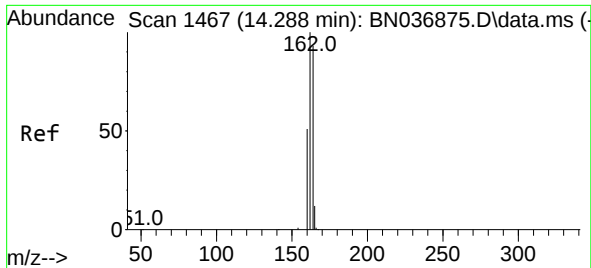
Tgt Ion:128 Resp: 44
Ion Ratio Lower Upper
128 100
129 85.2 12.9 19.3#
127 83.6 15.0 22.6#



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.021 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion:152 Resp: 340
Ion Ratio Lower Upper
152 100
151 21.2 17.8 26.8

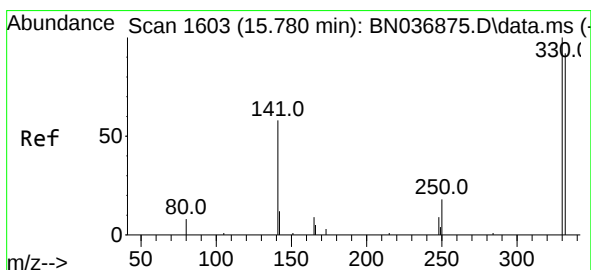
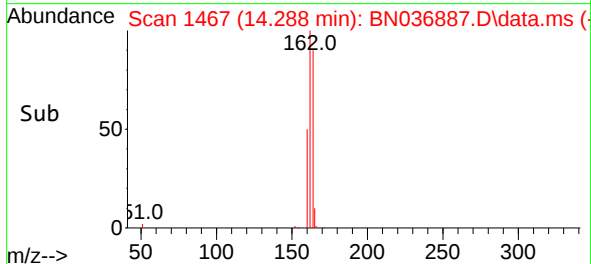
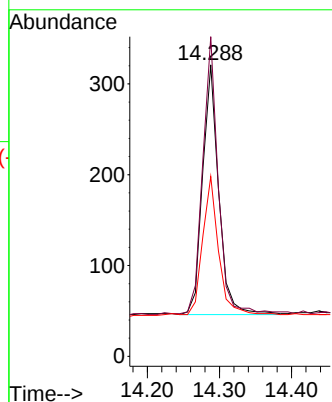
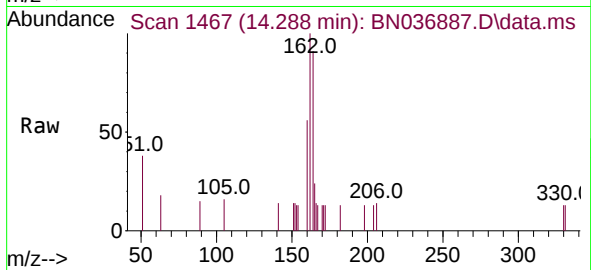




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

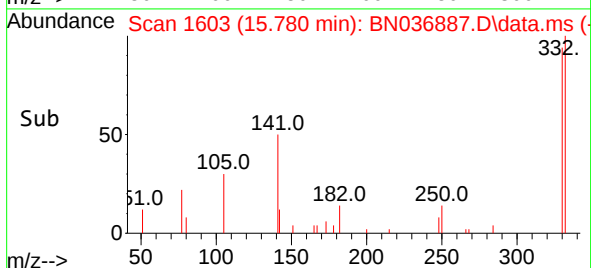
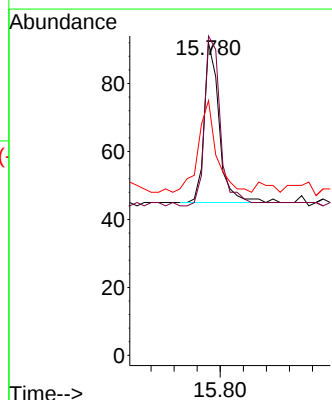
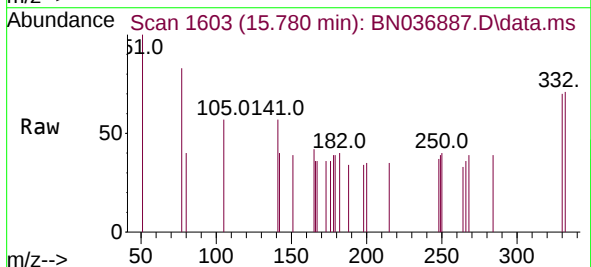
Instrument :
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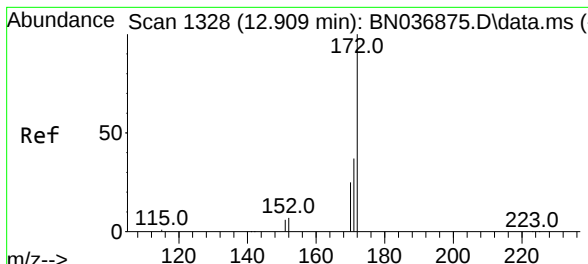
Tgt Ion:	164	Resp:	429
Ion	Ratio	Lower	Upper
164	100		
162	109.7	85.7	128.5
160	61.7	46.9	70.3



#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.780 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion:	330	Resp:	85
Ion	Ratio	Lower	Upper
330	100		
332	114.1	87.0	130.6
141	70.6	45.3	67.9

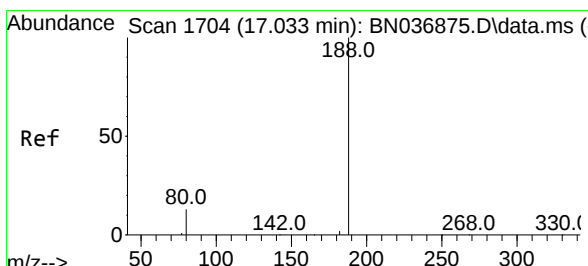
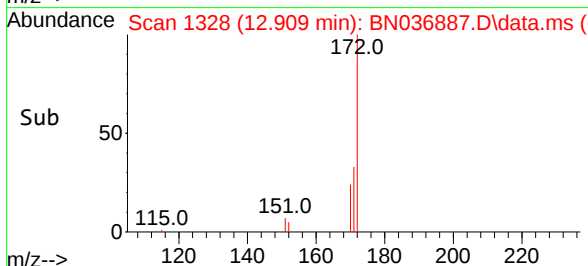
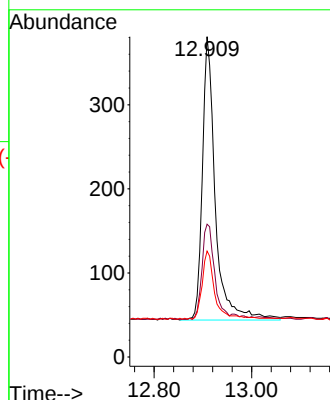
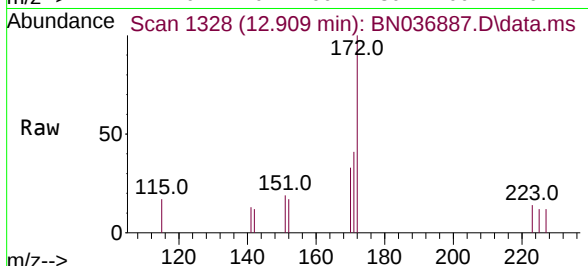




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.909 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

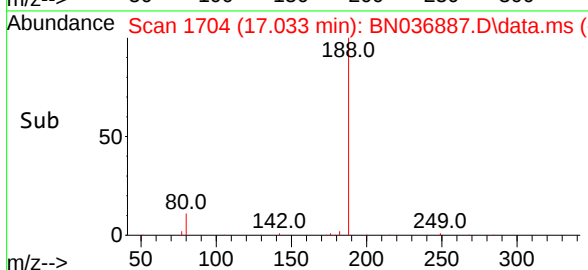
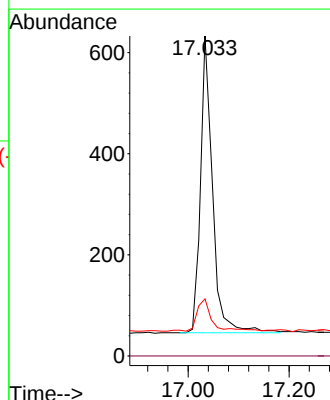
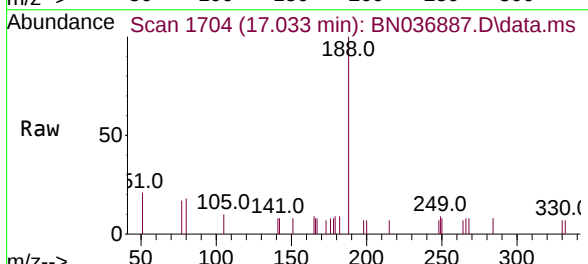
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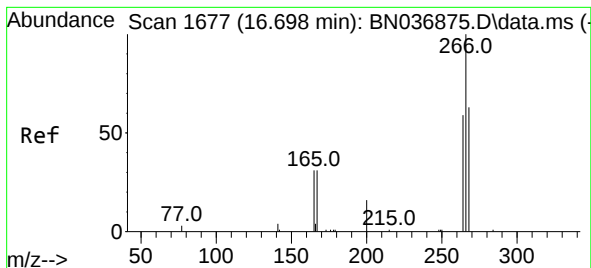
Tgt Ion:	172	Resp:	709
Ion	Ratio	Lower	Upper
172	100		
171	41.5	32.7	49.1
170	33.1	23.3	34.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion:	188	Resp:	971
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.9	13.9	20.9





#24

Pentachlorophenol

Concen: 0.069 ng

RT: 16.686 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BN036887.D

Acq: 11 Apr 2025 20:34

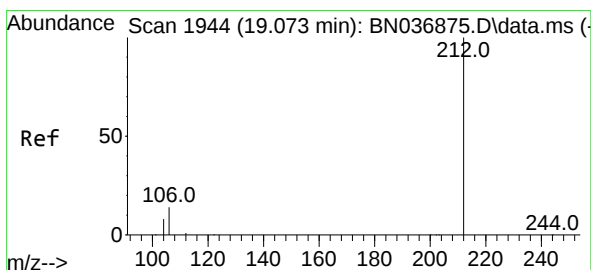
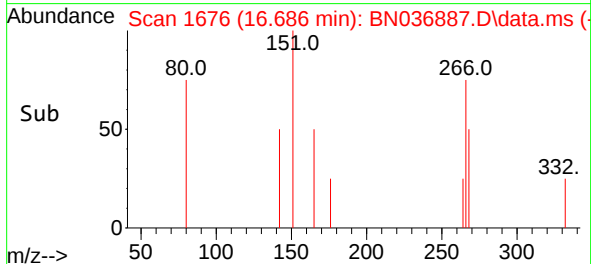
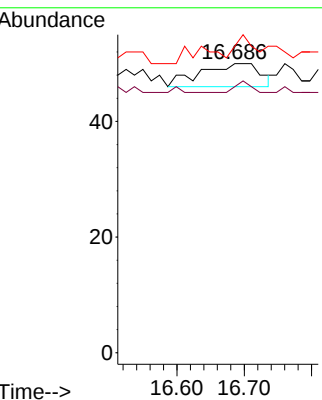
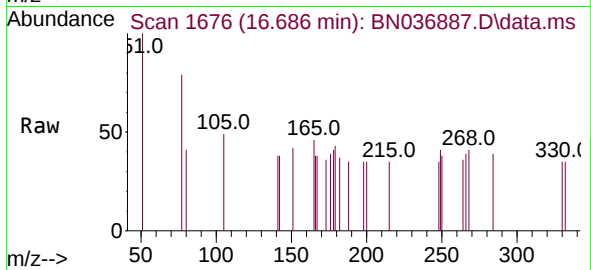
Instrument :

BNA_N

ClientSampleId :

RMW-06B-74-040425

Tgt Ion:	266	Resp:	25
Ion	Ratio	Lower	Upper
266	100		
264	12.0	44.6	66.8#
268	28.0	51.8	77.6#



#27

Fluoranthene-d10

Concen: 0.410 ng

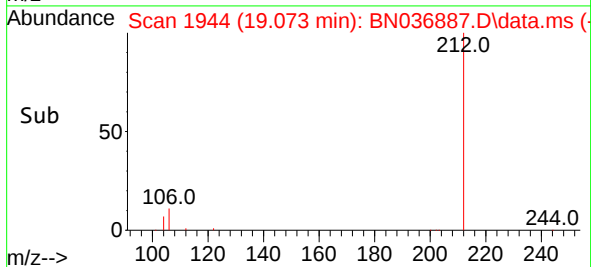
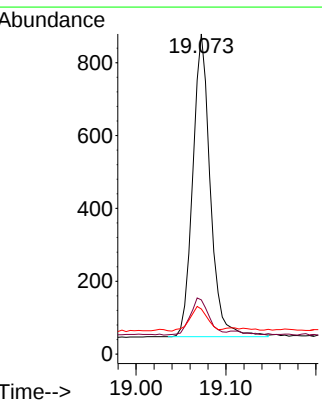
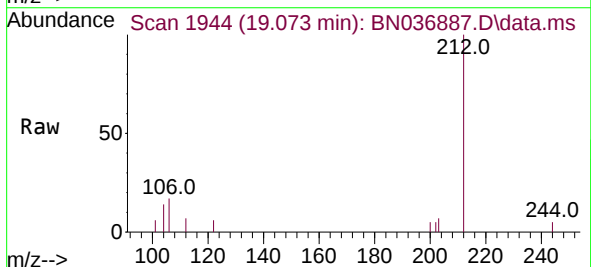
RT: 19.073 min Scan# 1944

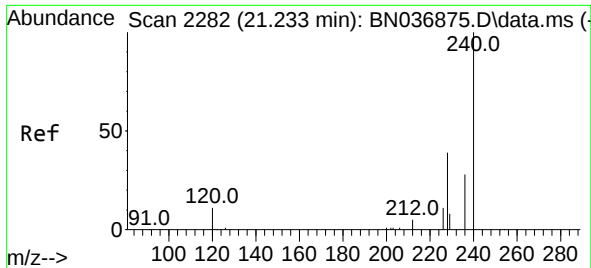
Delta R.T. -0.000 min

Lab File: BN036887.D

Acq: 11 Apr 2025 20:34

Tgt Ion:	212	Resp:	1122
Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.2	16.8
104	8.1	7.5	11.3

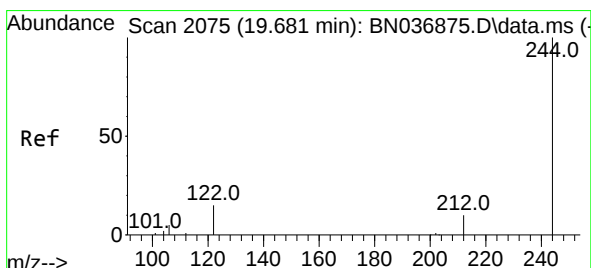
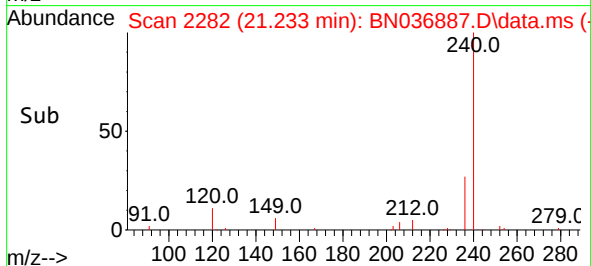
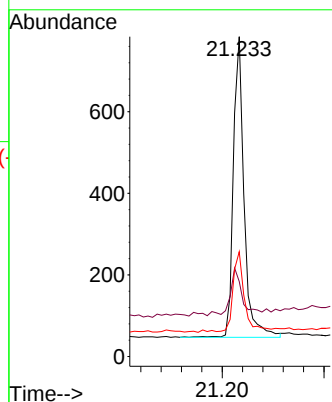
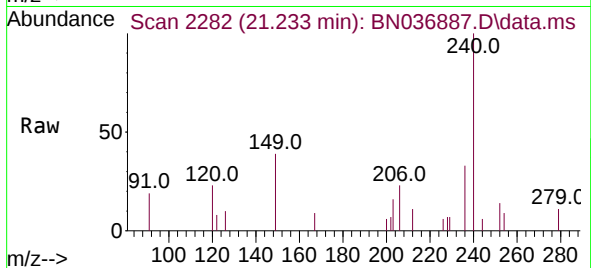




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

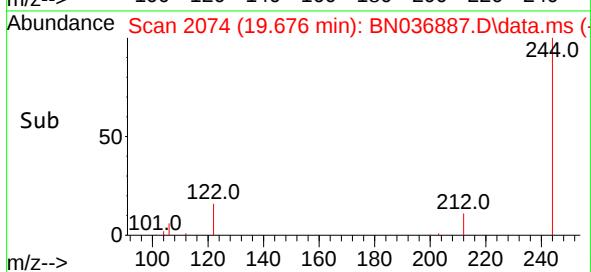
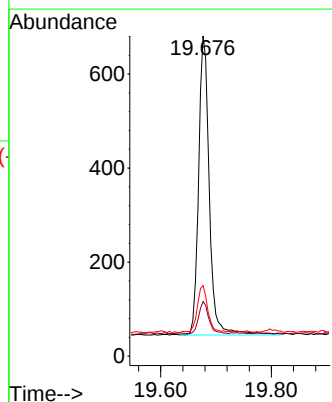
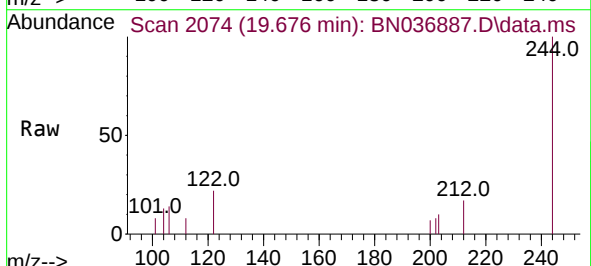
Instrument :
BNA_N
ClientSampleId :
RMW-06B-74-040425

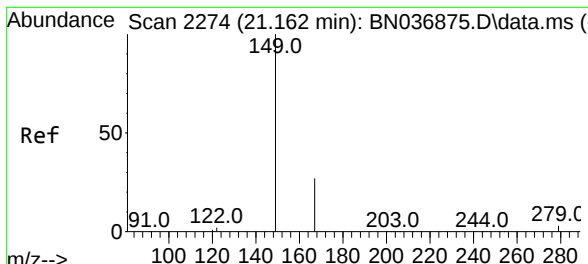
Tgt Ion:240	Resp:	1082
Ion	Ratio	Lower Upper
240	100	
120	23.5	15.8 23.6
236	32.8	25.8 38.8



#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.676 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BN036887.D
Acq: 11 Apr 2025 20:34

Tgt Ion:244	Resp:	859
Ion	Ratio	Lower Upper
244	100	
212	17.0	11.6 17.4
122	22.0	14.9 22.3

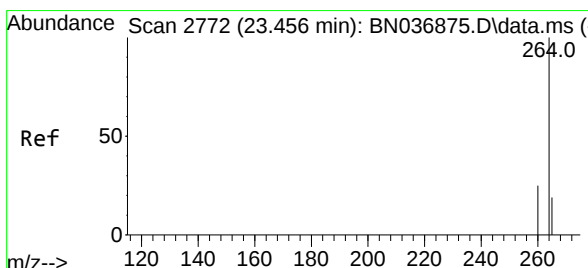
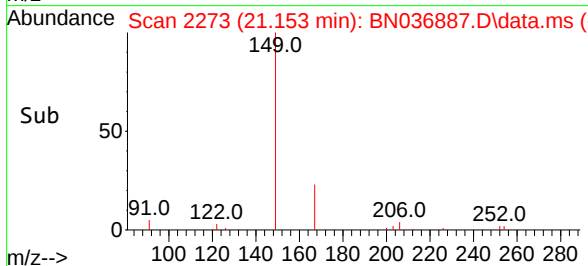
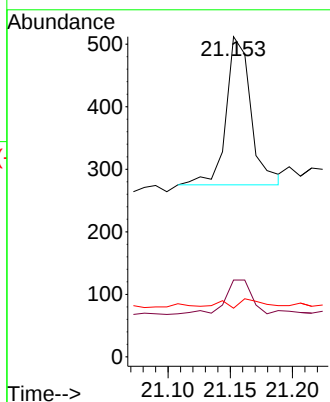
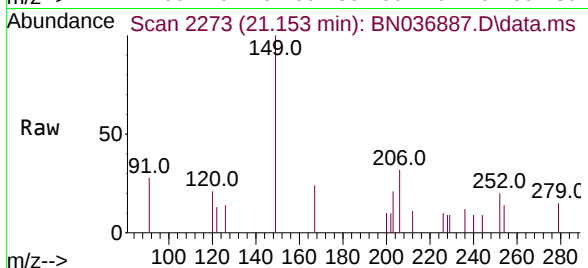




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 21.153 min Scan# 2116
 Delta R.T. -0.009 min
 Lab File: BN036887.D
 Acq: 11 Apr 2025 20:34

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-74-040425

Tgt Ion:	149	Resp:	329
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.0	31.4
279	5.8	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.447 min Scan# 2769
 Delta R.T. -0.009 min
 Lab File: BN036887.D
 Acq: 11 Apr 2025 20:34

Tgt Ion:	264	Resp:	1366
Ion Ratio	Lower	Upper	
264	100		
260	31.2	22.9	34.3
265	137.9	88.6	132.8

