

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035807.D
 Acq On : 24 Dec 2024 05:58
 Operator : RC/JU
 Sample : P5317-06
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-04-20241216

Quant Time: Dec 24 06:32:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

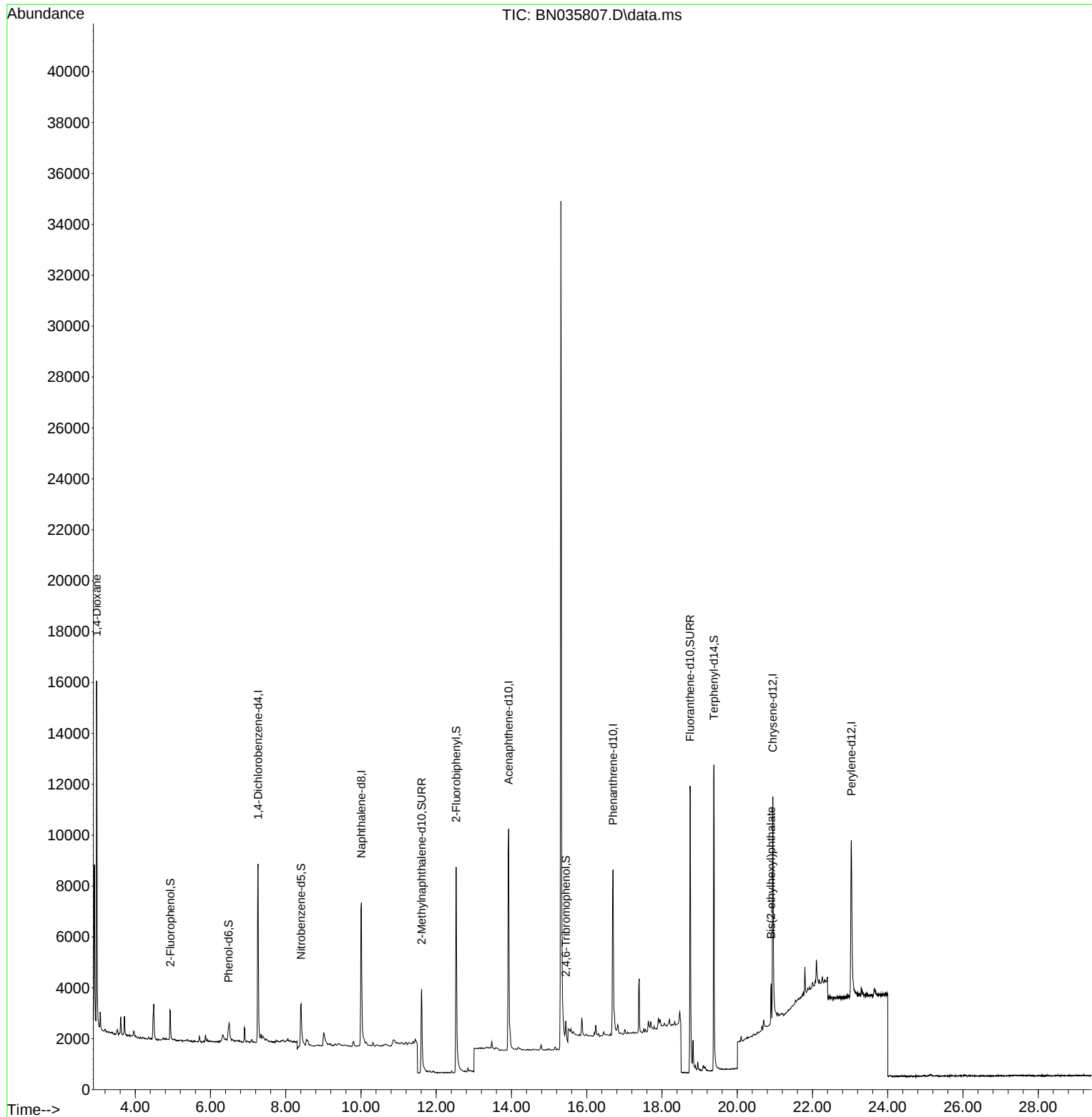
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3911	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	9861	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	5847	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11883	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	10654	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	10068	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1141	0.117	ng	0.00
5) Phenol-d6	6.477	99	678	0.058	ng	-0.01
8) Nitrobenzene-d5	8.408	82	3375	0.560	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	6319	0.409	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	823	0.198	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	9571	0.433	ng	-0.02
27) Fluoranthene-d10	18.747	212	15048	0.447	ng	-0.01
31) Terphenyl-d14	19.379	244	13605	0.647	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	8801	2.354	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1654	0.112	ng	# 97

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

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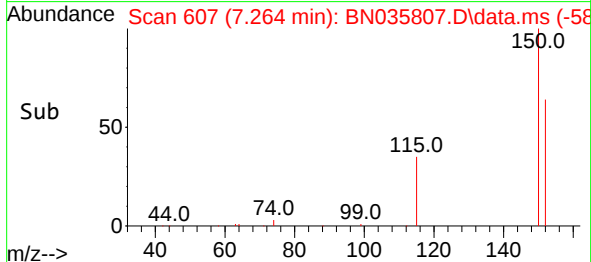
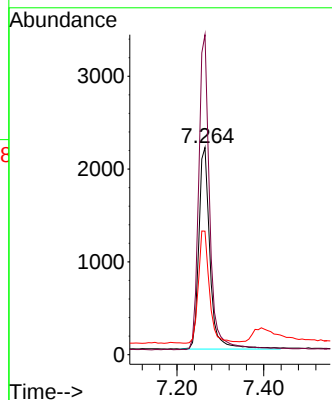
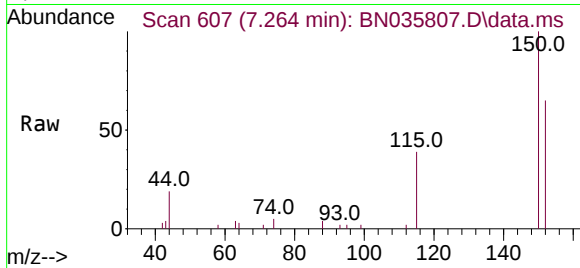




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN035807.D
 Acq: 24 Dec 2024 05:58

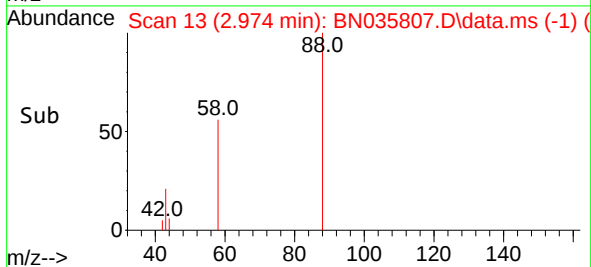
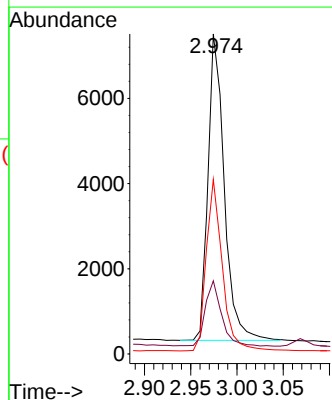
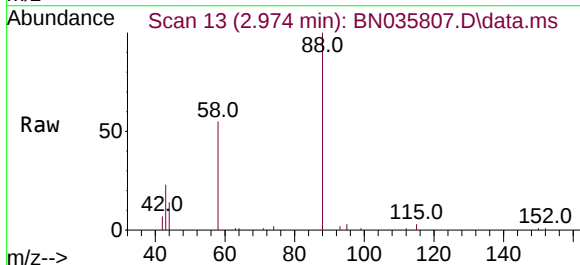
Instrument :
 BNA_N
 ClientSampleId :
 DUP-04-20241216

Tgt Ion:152 Resp: 3911
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.0 186.0
 115 59.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 2.354 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035807.D
 Acq: 24 Dec 2024 05:58

Tgt Ion: 88 Resp: 8801
 Ion Ratio Lower Upper
 88 100
 43 21.2 17.2 25.8
 58 55.2 44.5 66.7

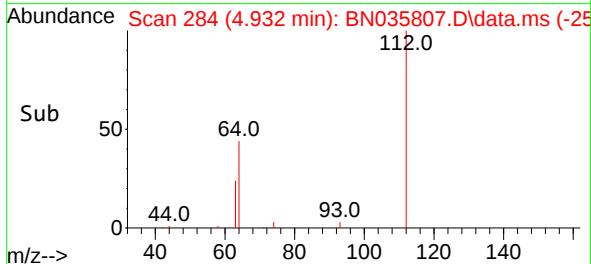
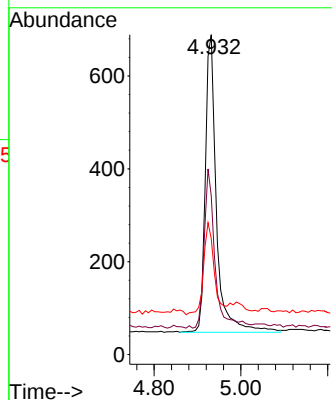
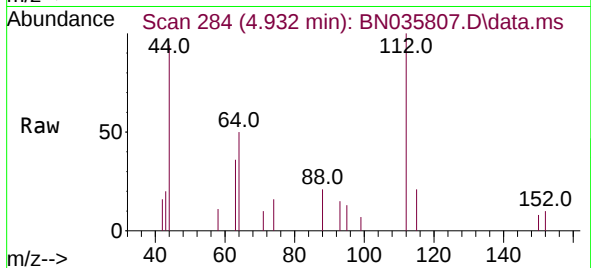




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

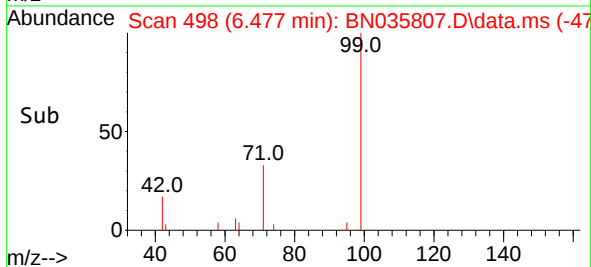
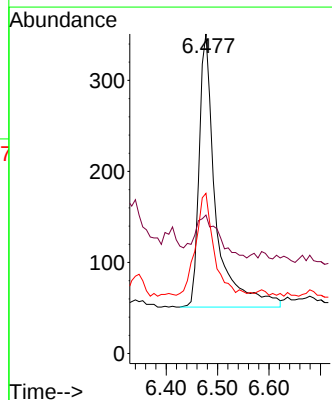
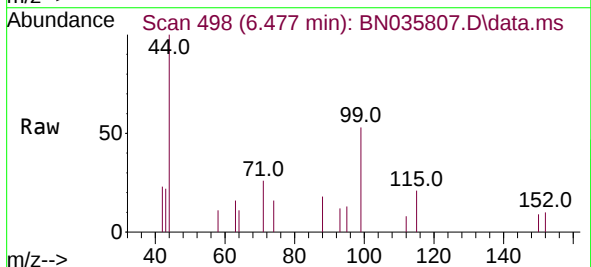
Instrument :
BNA_N
ClientSampleId :
DUP-04-20241216

Tgt Ion:112 Resp: 1141
Ion Ratio Lower Upper
112 100
64 52.1 39.8 59.8
63 29.4 21.0 31.6



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Tgt Ion: 99 Resp: 678
Ion Ratio Lower Upper
99 100
42 23.5 11.4 17.2#
71 41.6 29.3 43.9

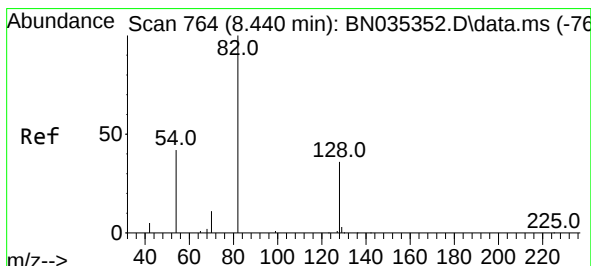
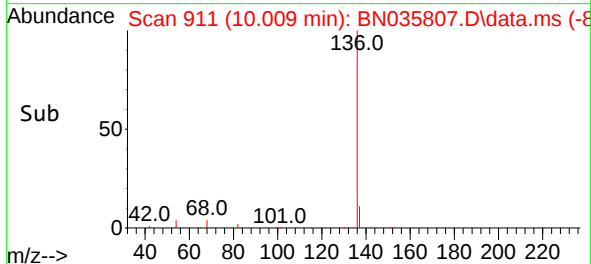
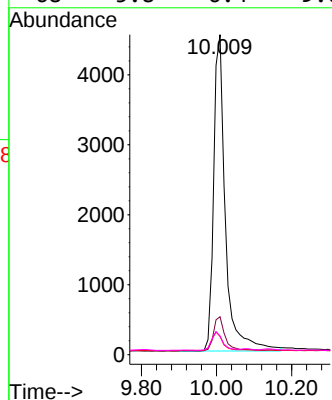
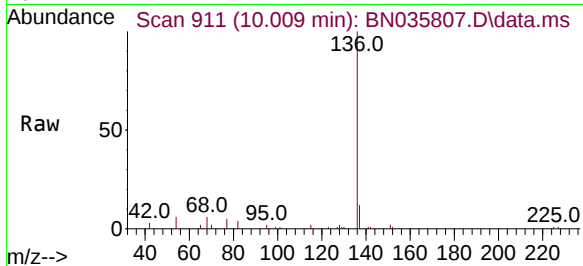




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

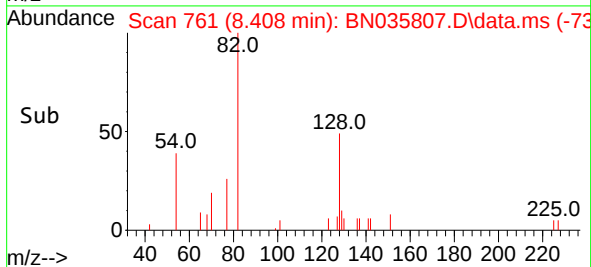
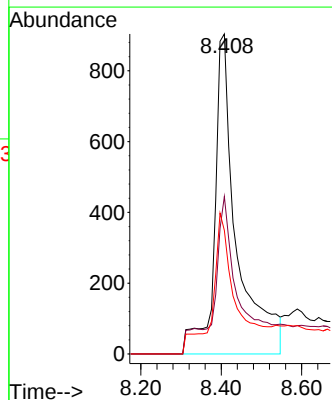
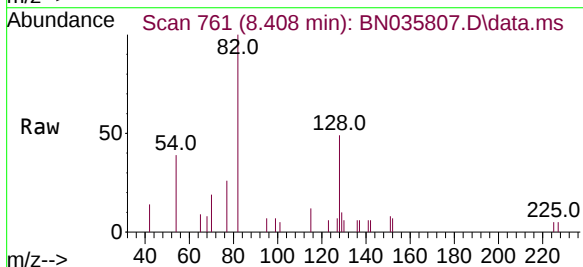
Instrument :
BNA_N
ClientSampleId :
DUP-04-20241216

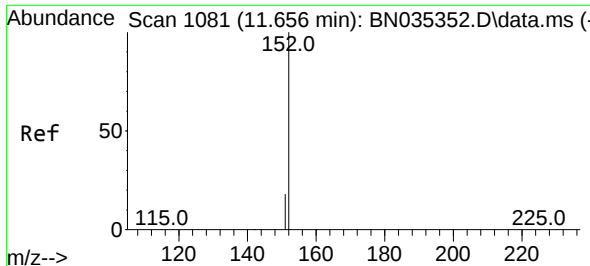
Tgt Ion:	136	Resp:	9861
Ion Ratio	Lower	Upper	
136	100		
137	11.8	10.2	15.2
54	5.7	6.1	9.1#
68	5.8	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.560 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Tgt Ion:	82	Resp:	3375
Ion Ratio	Lower	Upper	
82	100		
128	49.2	33.4	50.0
54	38.6	36.7	55.1

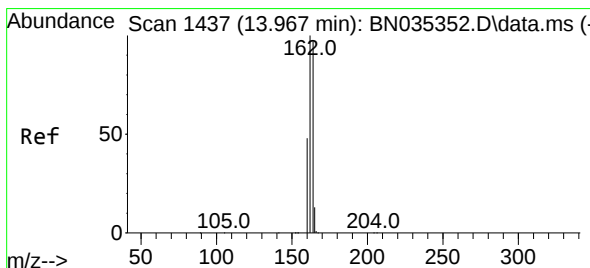
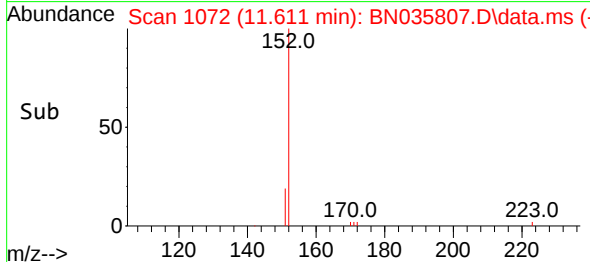
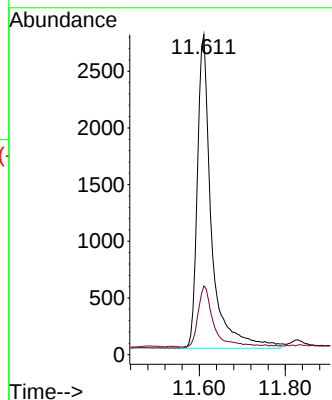
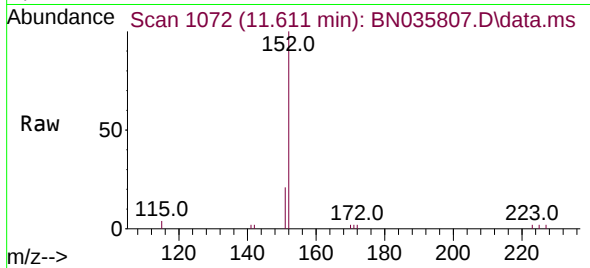




#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 11.611 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

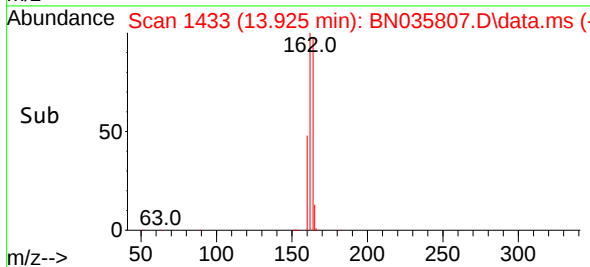
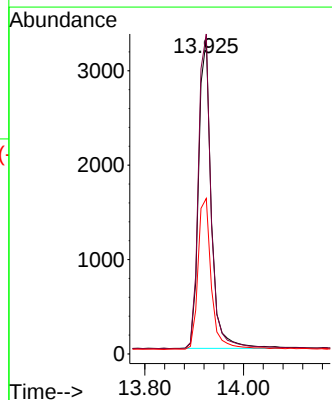
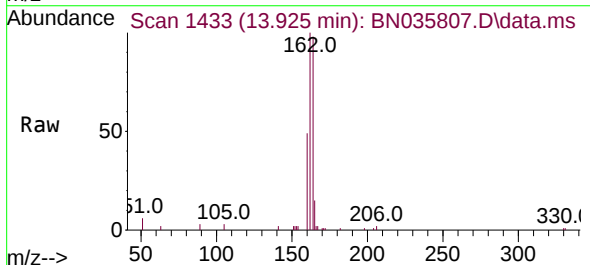
Instrument :
BNA_N
ClientSampleId :
DUP-04-20241216

Tgt Ion:152 Resp: 6319
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

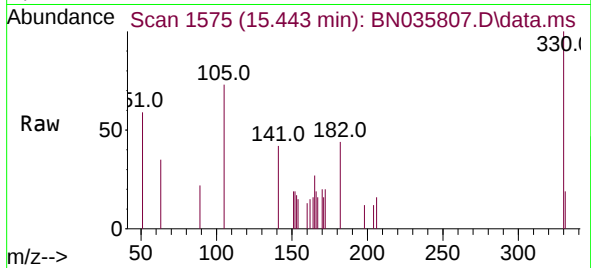
Tgt Ion:164 Resp: 5847
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 49.3 40.1 60.1



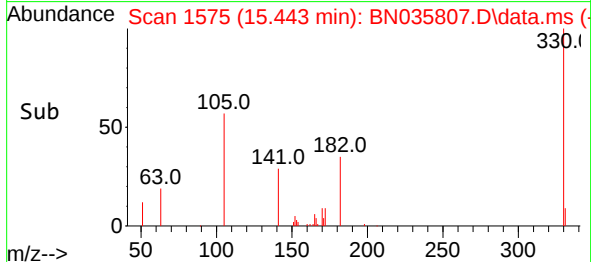
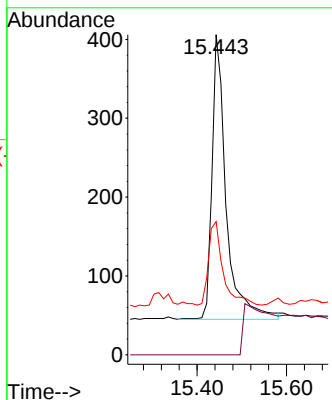


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Instrument :
BNA_N
ClientSampleId :
DUP-04-20241216

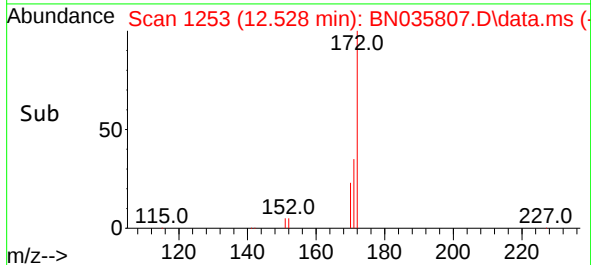
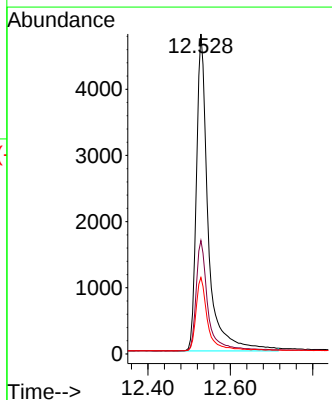
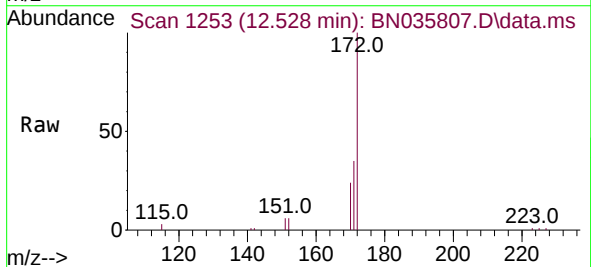


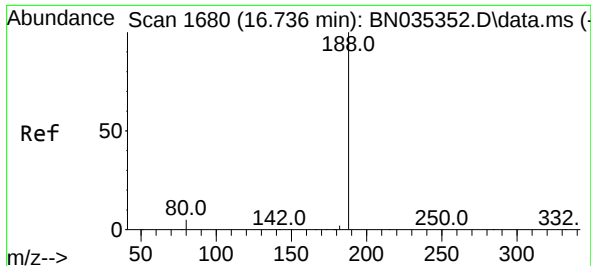
Tgt Ion:330 Resp: 823
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.0 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Tgt Ion:172 Resp: 9571
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 23.9 19.8 29.8

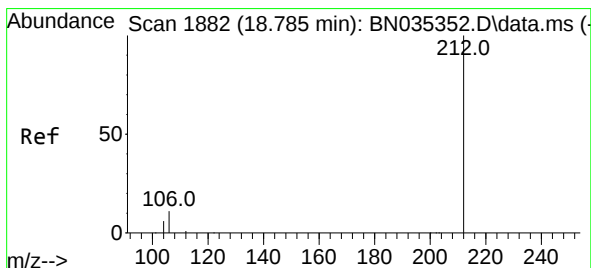
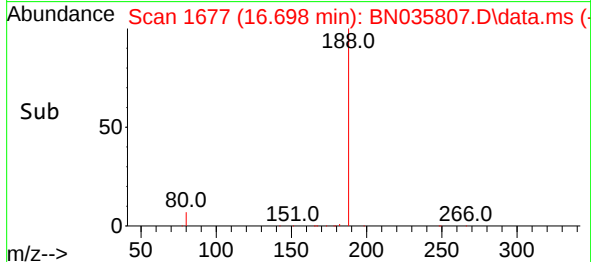
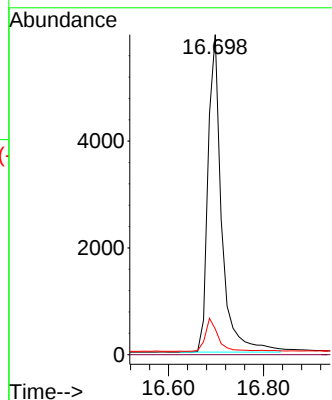
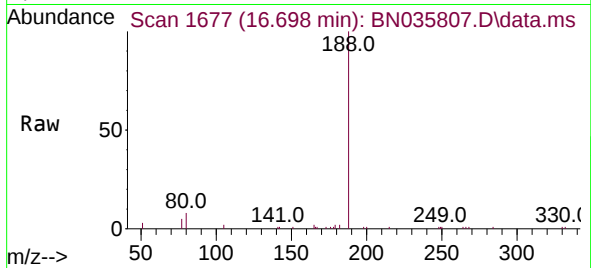




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 11883
Delta R.T. -0.000 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

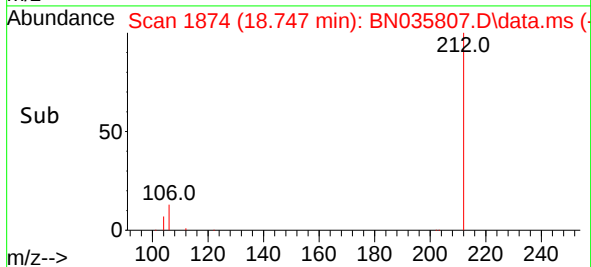
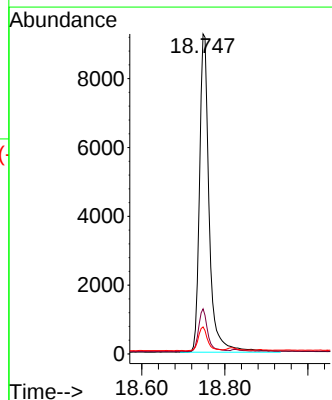
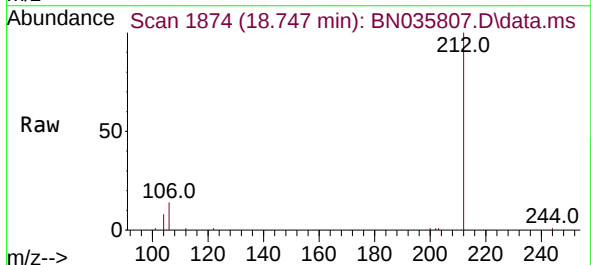
Instrument :
BNA_N
ClientSampleId :
DUP-04-20241216

Tgt Ion:188 Resp: 11883
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Tgt Ion:212 Resp: 15048
Ion Ratio Lower Upper
212 100
106 12.5 9.2 13.8
104 7.0 5.3 7.9

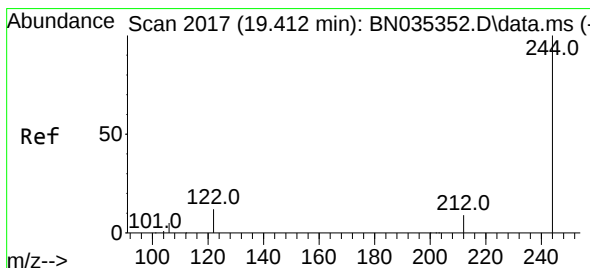
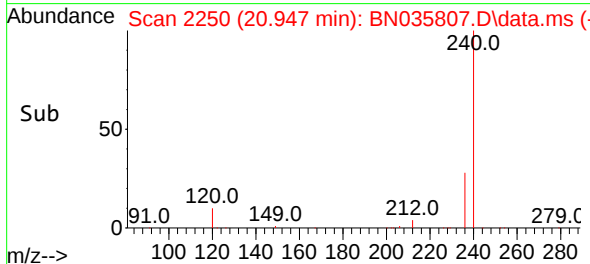
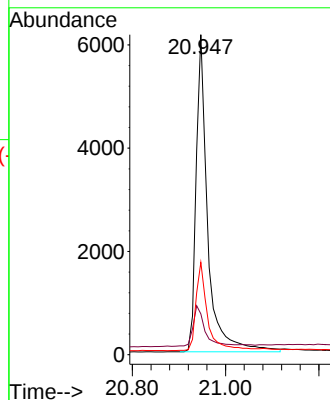
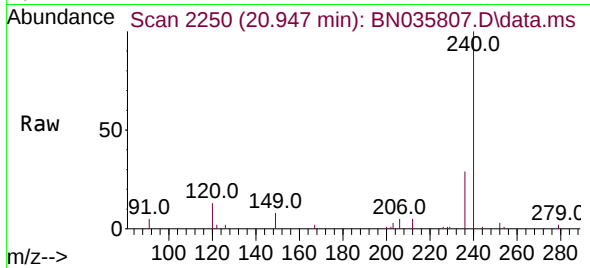




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

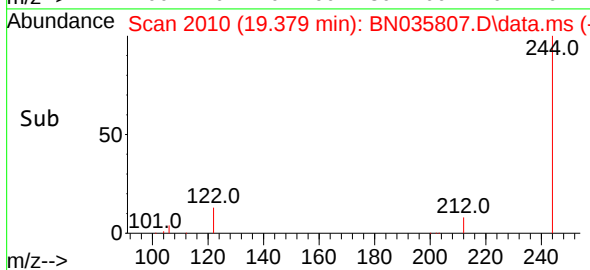
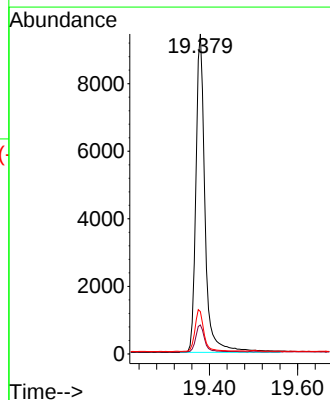
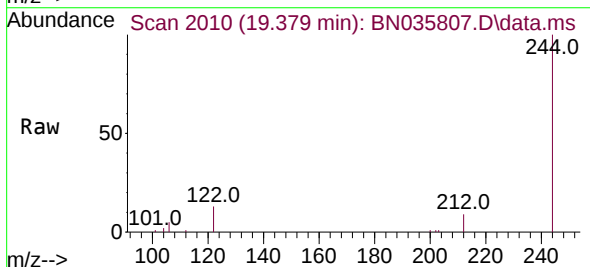
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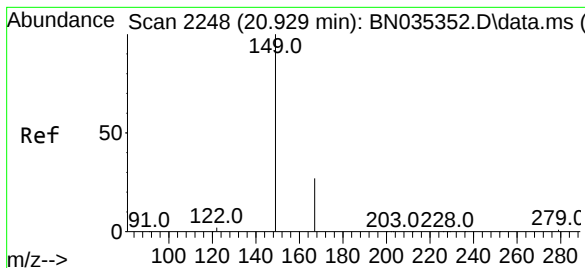
Tgt Ion:240 Resp: 10654
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 28.8 22.9 34.3



#31
Terphenyl-d14
Concen: 0.647 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035807.D
Acq: 24 Dec 2024 05:58

Tgt Ion:244 Resp: 13605
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 13.3 10.3 15.5

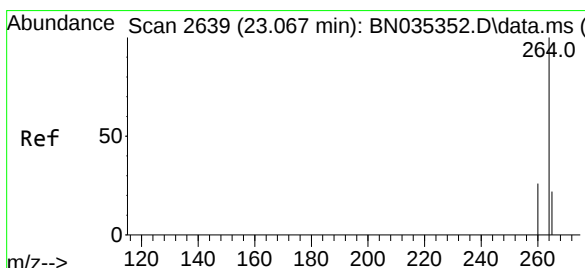
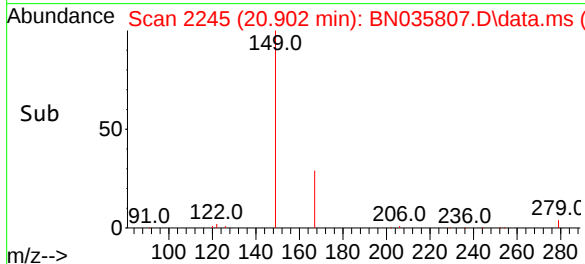
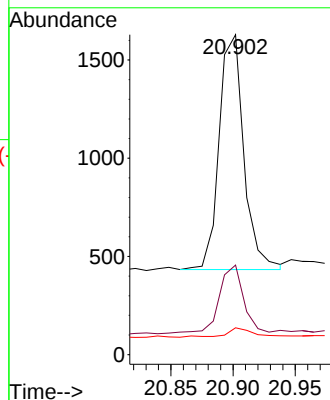
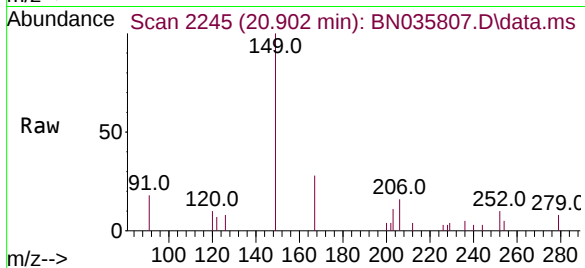




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.112 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035807.D
 Acq: 24 Dec 2024 05:58

Instrument :
 BNA_N
 ClientSampleId :
 DUP-04-20241216

Tgt Ion:149 Resp: 1654
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.2 33.4
 279 4.6 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.032 min Scan# 2627
 Delta R.T. -0.009 min
 Lab File: BN035807.D
 Acq: 24 Dec 2024 05:58

Tgt Ion:264 Resp: 10068
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 75.0 40.2 60.4#

