

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034048.D
 Acq On : 19 Sep 2024 11:22
 Operator : JU/RC
 Sample : P3845-08DL2 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL2

Quant Time: Sep 19 11:49:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

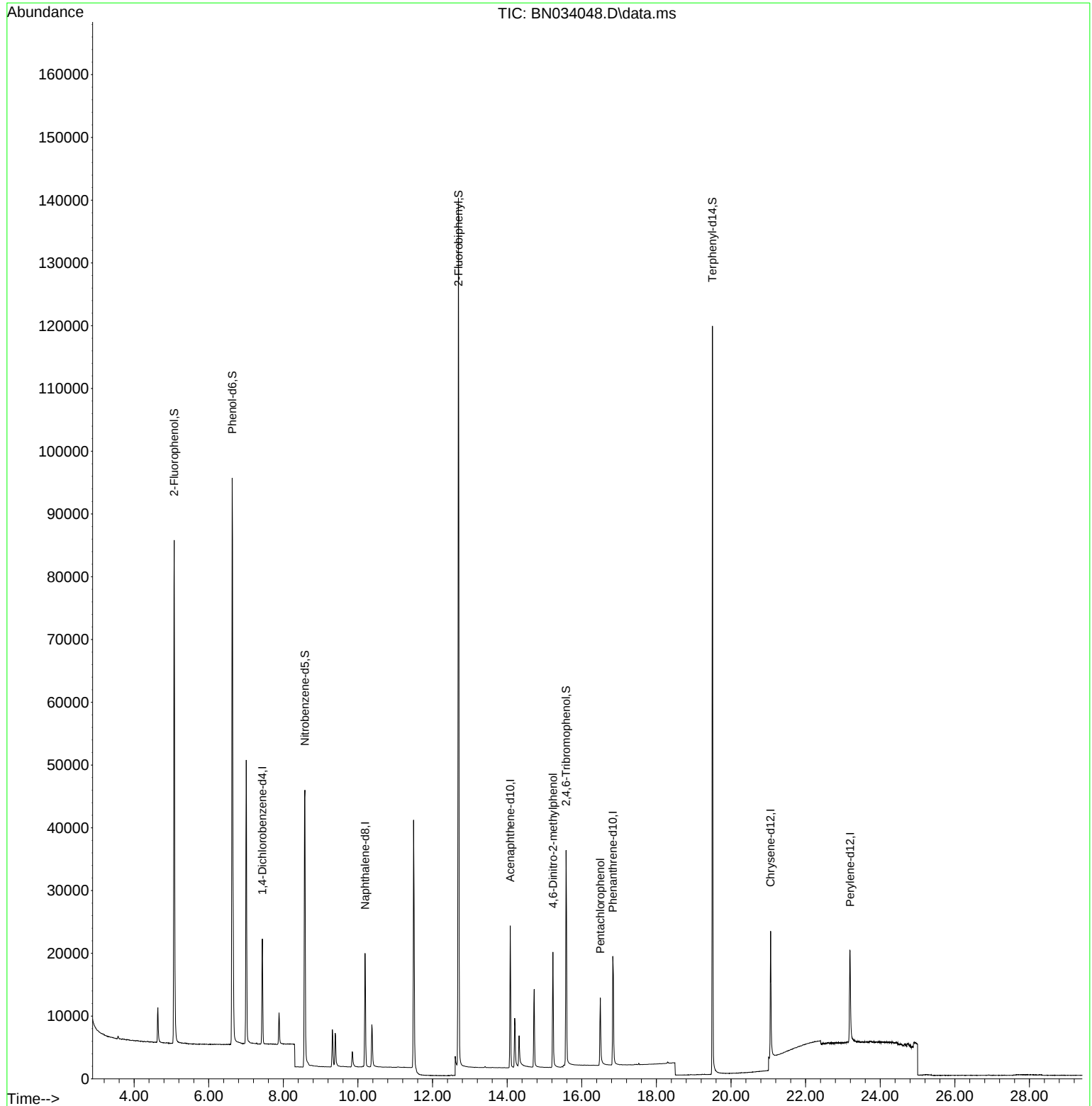
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	7953	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	22663	0.400	ng	# 0.00
13) Acenaphthene-d10	14.083	164	12115	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	27146	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	21019	0.400	ng	0.00
35) Perylene-d12	23.192	264	22022	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	65932	2.921	ng	0.00
5) Phenol-d6	6.629	99	80926	3.083	ng	0.00
8) Nitrobenzene-d5	8.579	82	38831	2.240	ng	0.00
11) 2-Methylnaphthalene-d10	11.776	152	5	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.580	330	18465	3.364	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	117412	2.383	ng	0.00
27) Fluoranthene-d10	18.890	212	20	0.000	ng	0.00
31) Terphenyl-d14	19.503	244	108123	2.576	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.227	198	12269	2.574	ng	# 48
24) Pentachlorophenol	16.498	266	5598	0.989	ng	100

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

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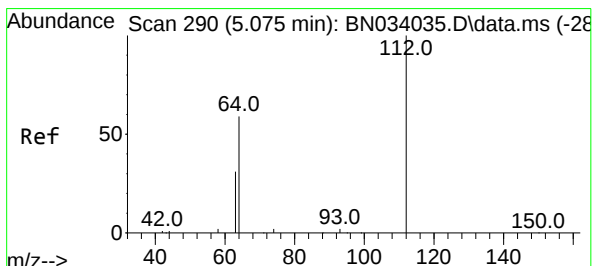
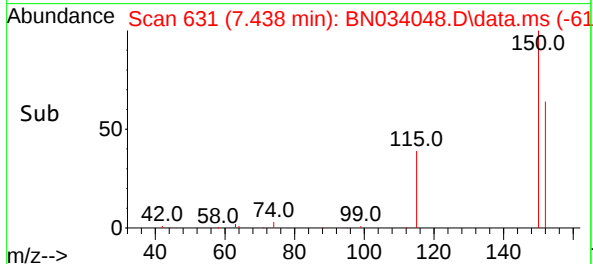
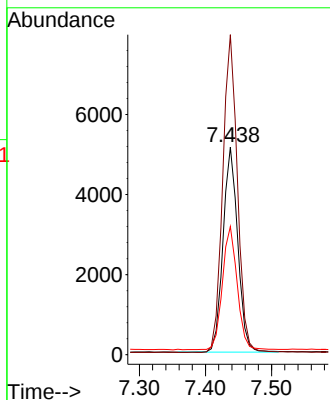
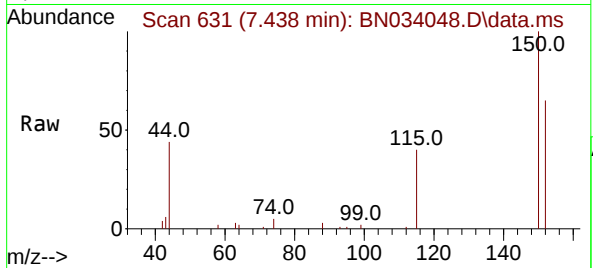




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

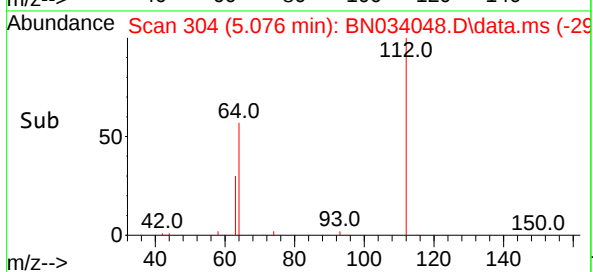
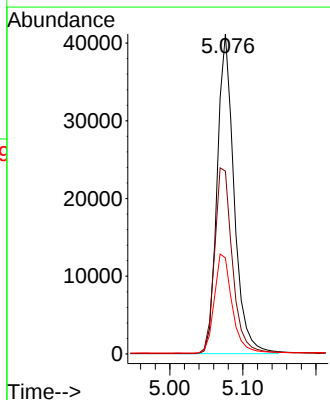
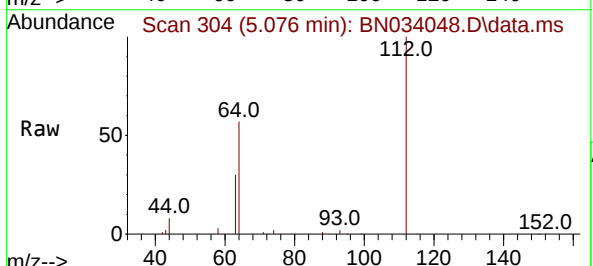
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2

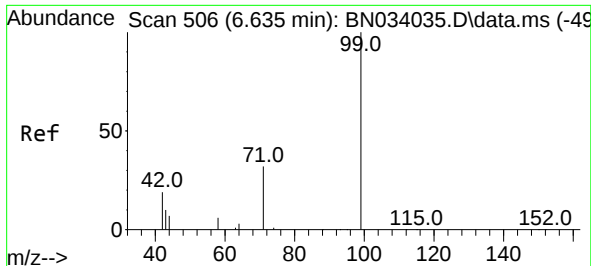
Tgt Ion:152 Resp: 7953
Ion Ratio Lower Upper
152 100
150 154.2 124.6 187.0
115 61.7 50.0 75.0



#4
2-Fluorophenol
Concen: 2.921 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

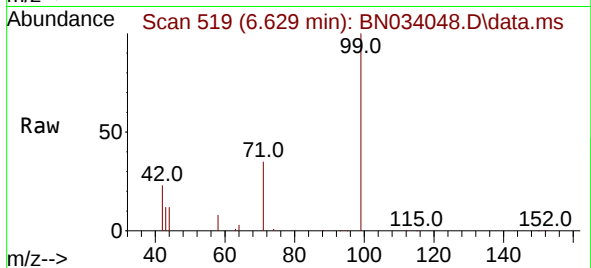
Tgt Ion:112 Resp: 65932
Ion Ratio Lower Upper
112 100
64 61.4 48.6 72.8
63 32.5 25.6 38.4



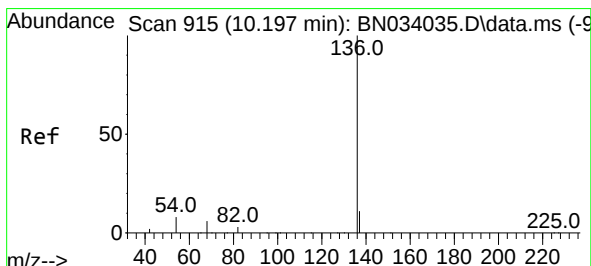
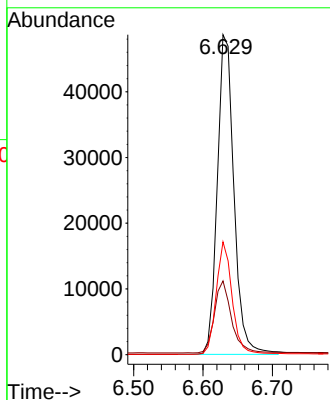
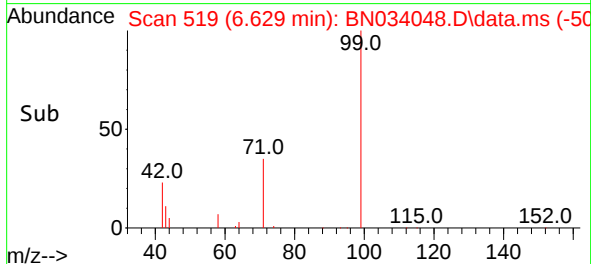


#5
Phenol-d6
Concen: 3.083 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

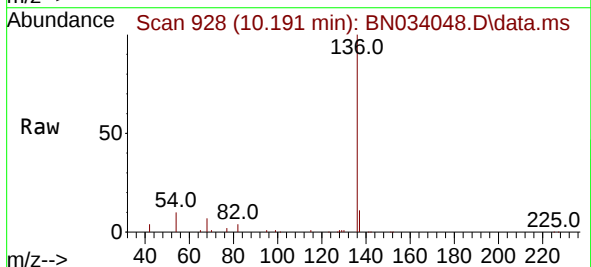
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2



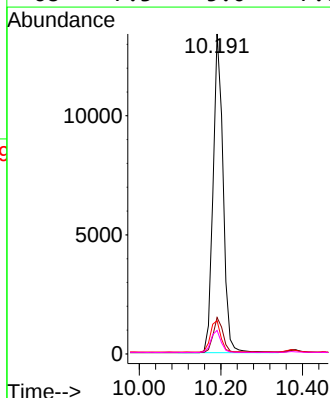
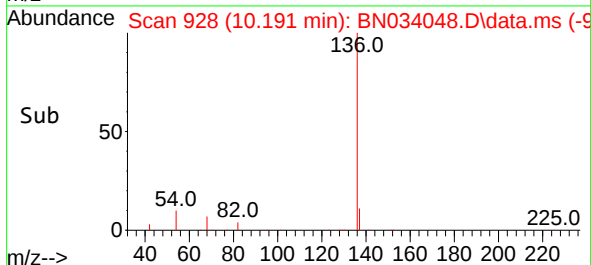
Tgt Ion: 99 Resp: 80926
Ion Ratio Lower Upper
99 100
42 23.2 17.8 26.8
71 33.6 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22



Tgt Ion: 136 Resp: 22663
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.4 6.8 10.2#
68 7.3 5.0 7.6

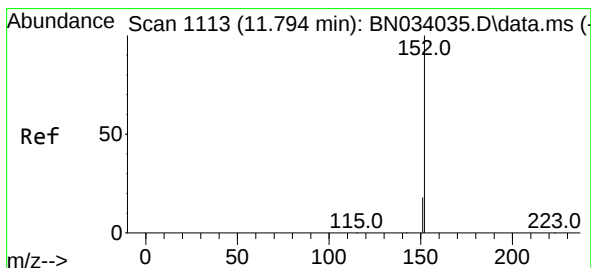
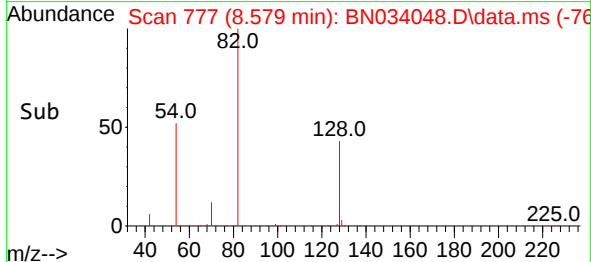
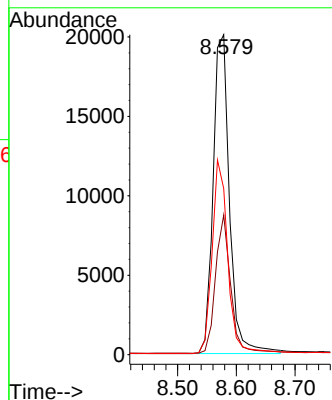
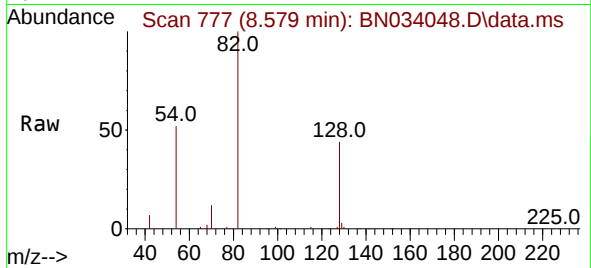




#8
 Nitrobenzene-d5
 Concen: 2.240 ng
 RT: 8.579 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BN034048.D
 Acq: 19 Sep 2024 11:22

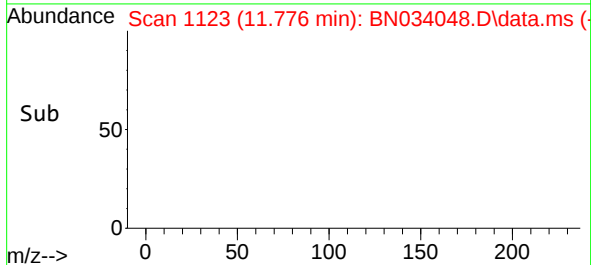
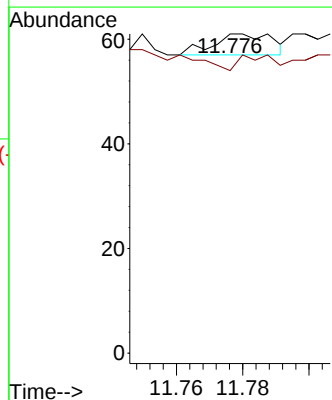
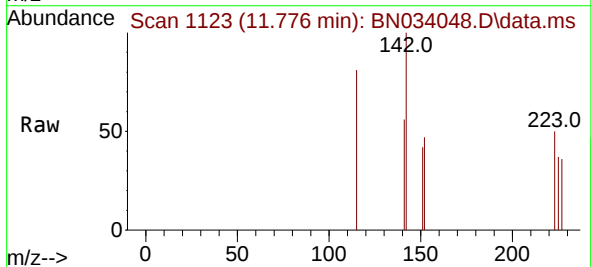
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL2

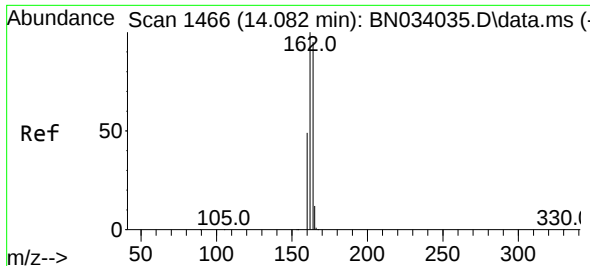
Tgt Ion: 82 Resp: 38831
 Ion Ratio Lower Upper
 82 100
 128 43.7 31.4 47.2
 54 51.9 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 11.776 min Scan# 1123
 Delta R.T. -0.017 min
 Lab File: BN034048.D
 Acq: 19 Sep 2024 11:22

Tgt Ion:152 Resp: 5
 Ion Ratio Lower Upper
 152 100
 151 40.0 16.8 25.2#

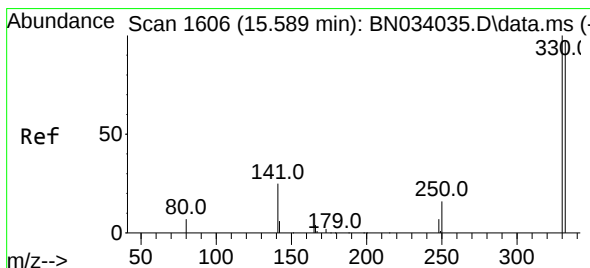
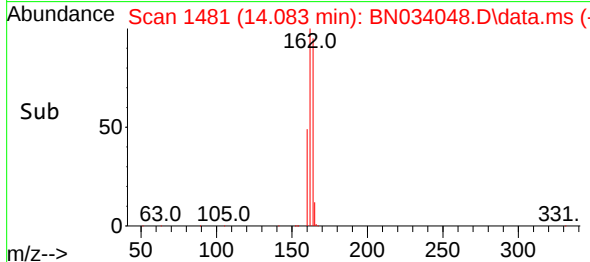
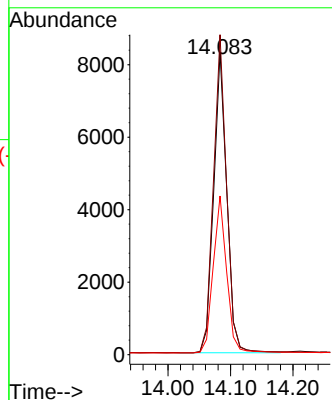
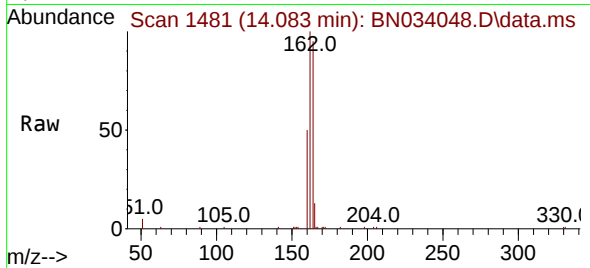




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1466
Delta R.T. 0.001 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

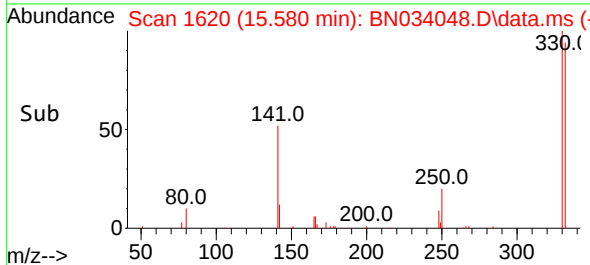
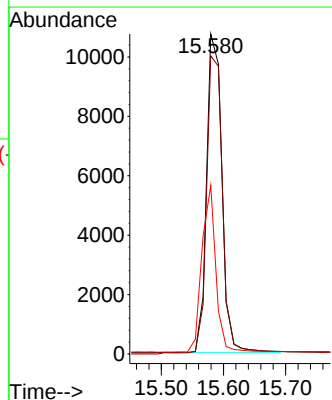
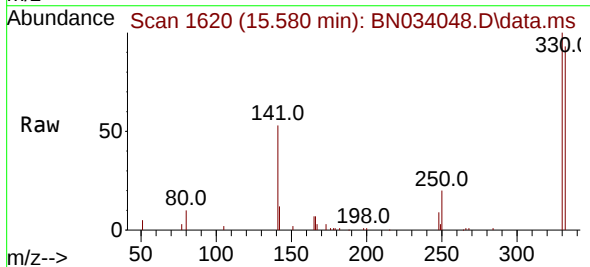
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2

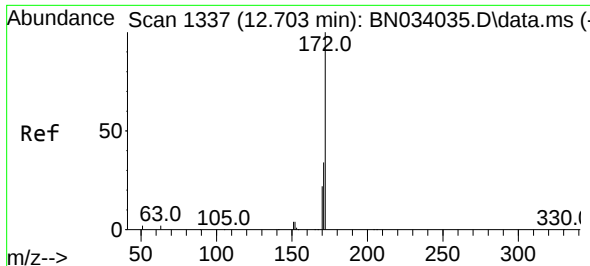
Tgt Ion:164 Resp: 12115
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 52.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 3.364 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

Tgt Ion:330 Resp: 18465
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 47.6 35.9 53.9

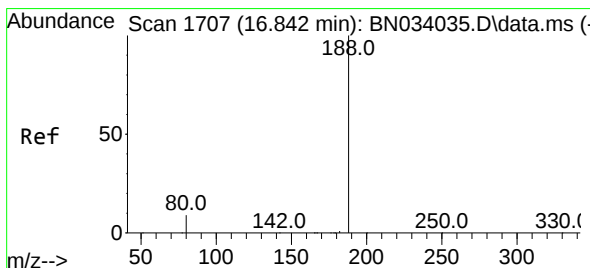
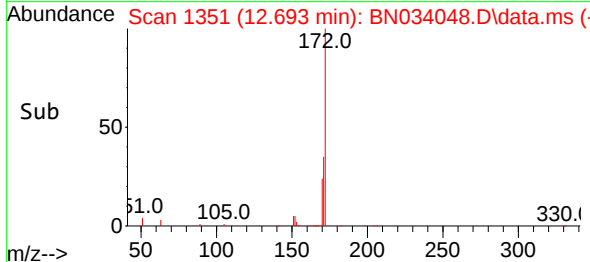
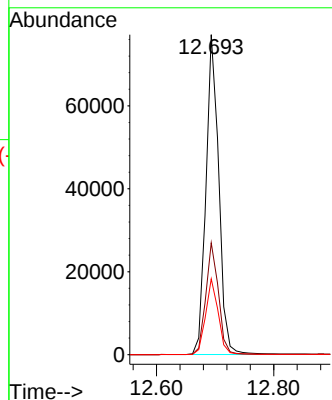
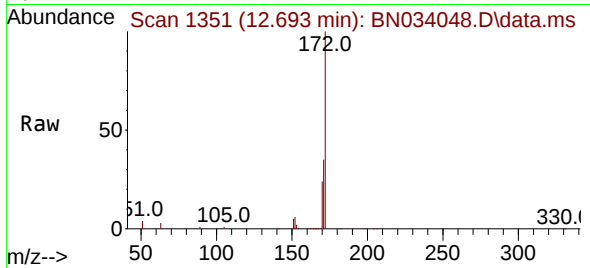




#15
2-Fluorobiphenyl
Concen: 2.383 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

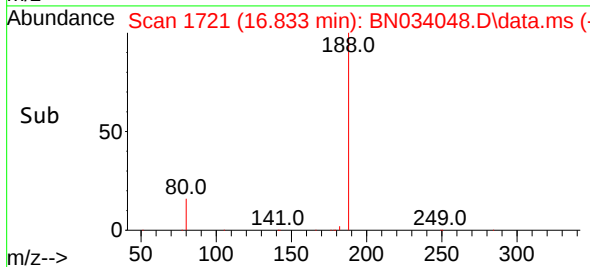
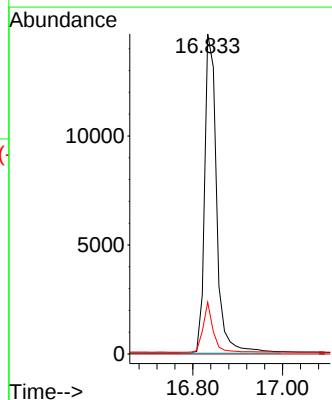
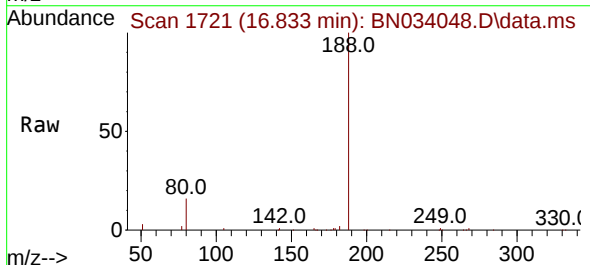
Instrument :
BNA_N
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PT-ACIDS-WPDL2

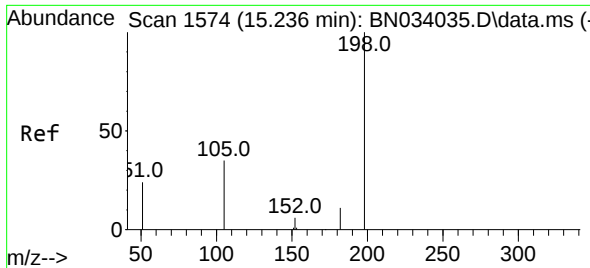
Tgt Ion:172 Resp: 117412
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 23.7 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

Tgt Ion:188 Resp: 27146
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 7.4 11.0#

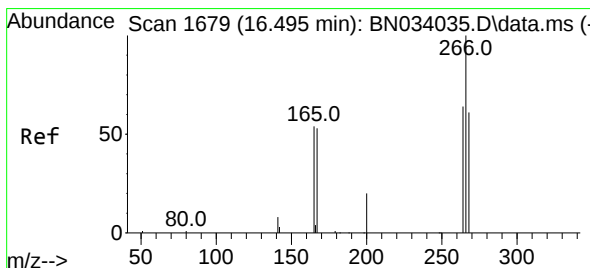
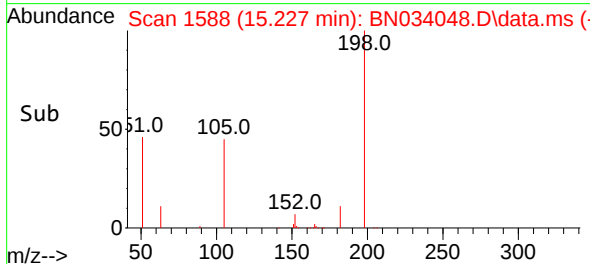
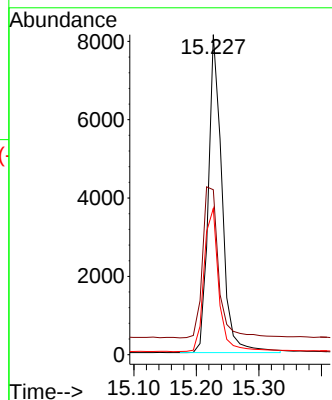
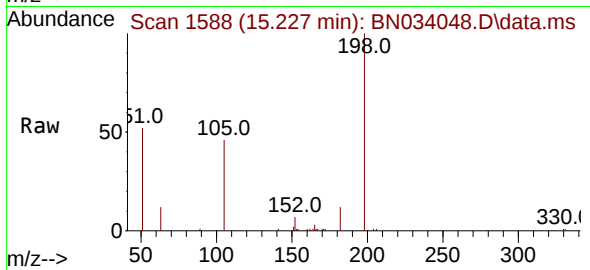




#20
4,6-Dinitro-2-methylphenol
Concen: 2.574 ng
RT: 15.227 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

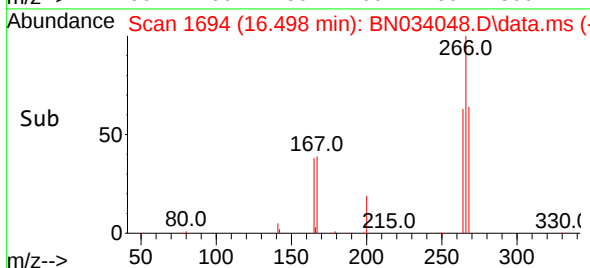
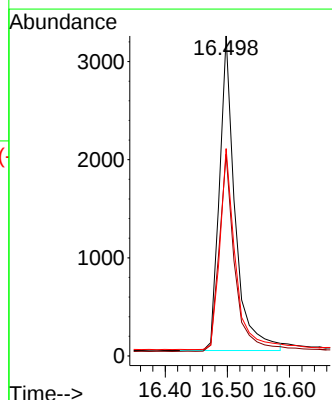
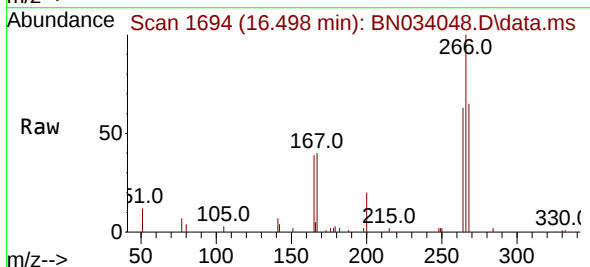
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2

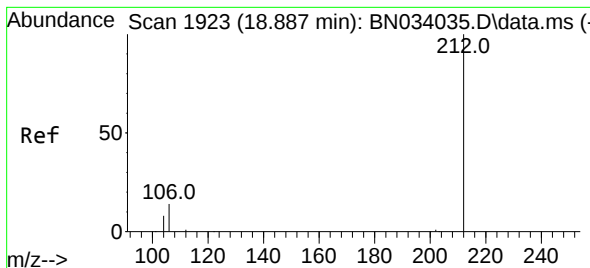
Tgt Ion:198 Resp: 12269
Ion Ratio Lower Upper
198 100
51 51.5 106.4 159.6#
105 45.7 38.5 57.7



#24
Pentachlorophenol
Concen: 0.989 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

Tgt Ion:266 Resp: 5598
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 63.7 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.000 ng

RT: 18.890 min Scan# 1923

Delta R.T. 0.003 min

Lab File: BN034048.D

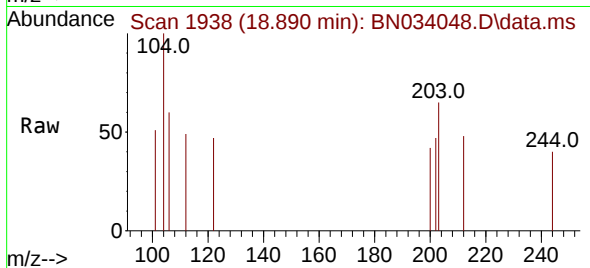
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Instrument :

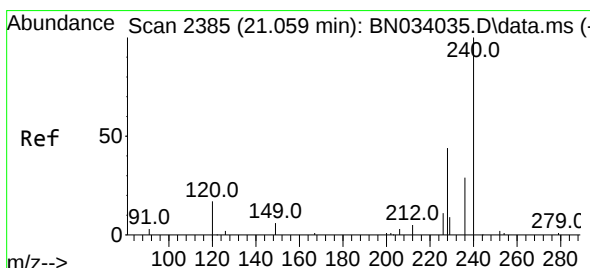
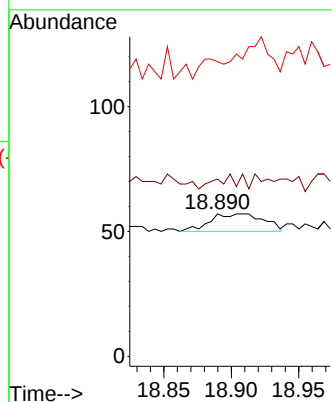
BNA_N

ClientSampleId :

PT-ACIDS-WPDL2



Tgt Ion:	212	Resp:	20
Ion	Ratio	Lower	Upper
212	100		
106	15.0	13.4	20.2
104	45.0	7.8	11.6



#29

Chrysene-d12

Concen: 0.400 ng

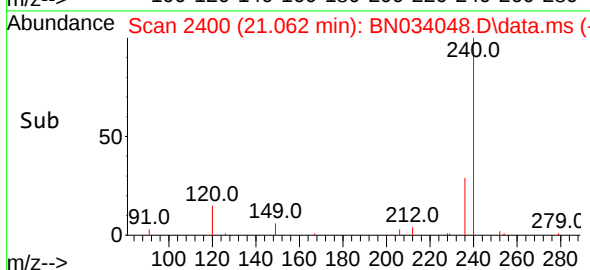
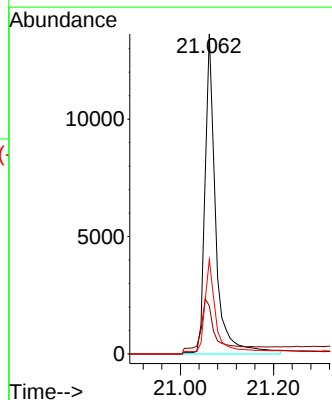
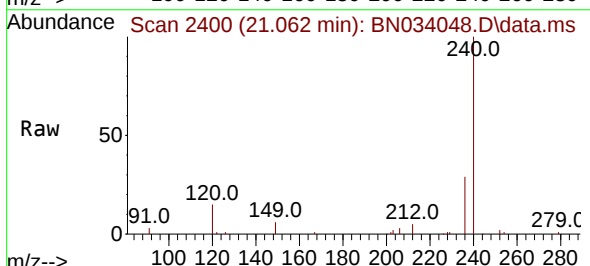
RT: 21.062 min Scan# 2400

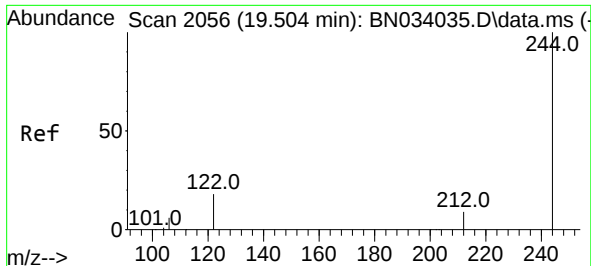
Delta R.T. 0.003 min

Lab File: BN034048.D

Acq: 19 Sep 2024 11:22

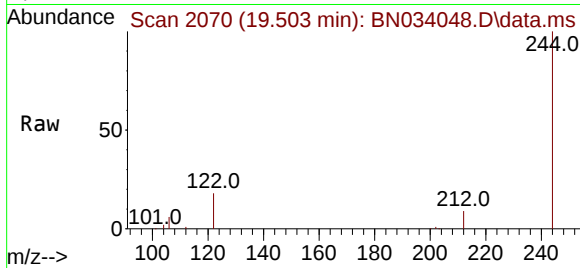
Tgt Ion:	240	Resp:	21019
Ion	Ratio	Lower	Upper
240	100		
120	15.0	13.5	20.3
236	29.4	23.4	35.0



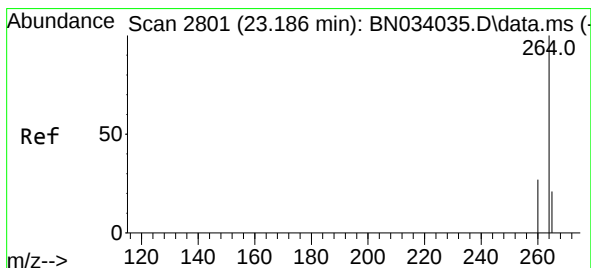
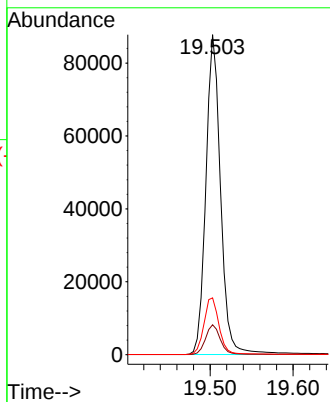
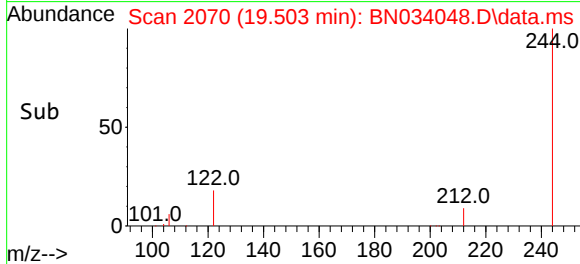


#31
Terphenyl-d14
Concen: 2.576 ng
RT: 19.503 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2



Tgt Ion:244 Resp: 108123
Ion Ratio Lower Upper
244 100
212 9.4 7.8 11.6
122 17.7 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.192 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BN034048.D
Acq: 19 Sep 2024 11:22

Tgt Ion:264 Resp: 22022
Ion Ratio Lower Upper
264 100
260 26.4 21.7 32.5
265 56.7 52.1 78.1

