

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034248.D
 Acq On : 26 Sep 2024 17:14
 Operator : RC/JU
 Sample : PB163672BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163672BL

Quant Time: Sep 26 17:52:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	5612	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	14438	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	7493	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	13463	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	9123	0.400	ng	0.01
35) Perylene-d12	23.136	264	8825	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	4062	0.255	ng	0.00
5) Phenol-d6	6.607	99	2566	0.139	ng	0.00
8) Nitrobenzene-d5	8.557	82	2769	0.251	ng	0.02
11) 2-Methylnaphthalene-d10	11.769	152	6219	0.292	ng	0.02
14) 2,4,6-Tribromophenol	15.567	330	153	0.045	ng	0.02
15) 2-Fluorobiphenyl	12.672	172	8719	0.286	ng	0.01
27) Fluoranthene-d10	18.853	212	11887	0.350	ng	0.00
31) Terphenyl-d14	19.471	244	7220	0.396	ng	0.00

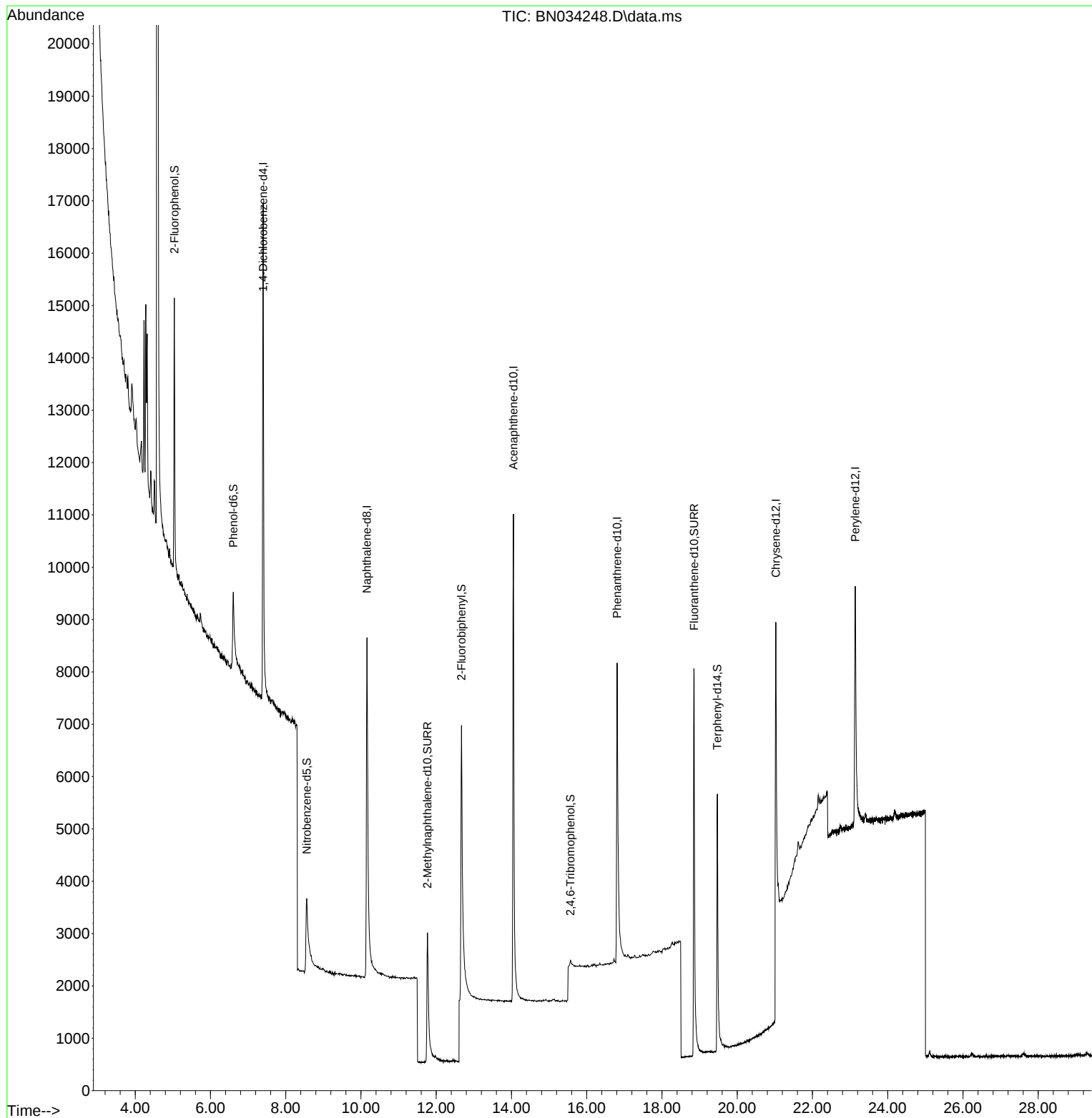
Target Compounds Qvalue

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

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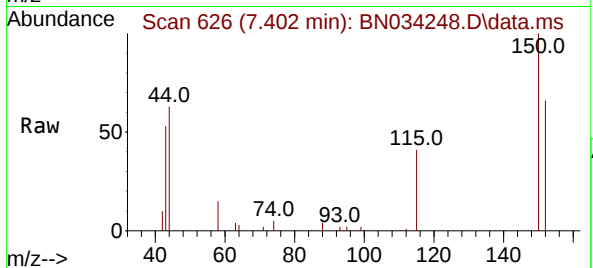
Quant Time: Sep 26 17:52:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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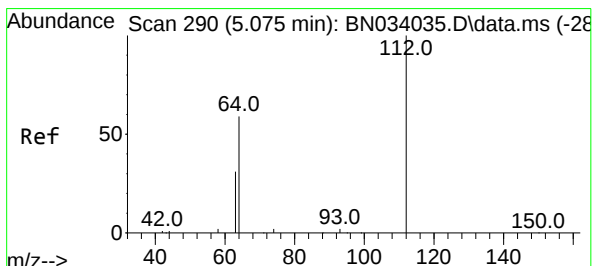
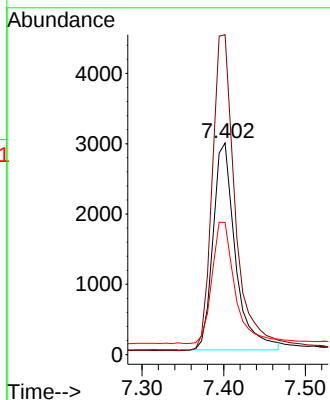
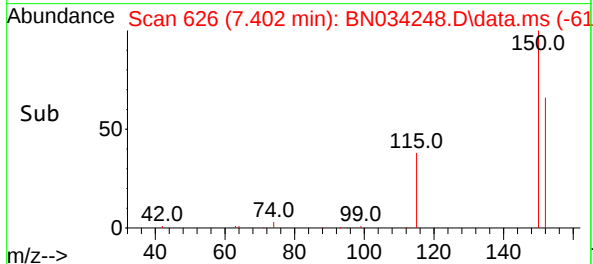


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.402 min Scan# 617
Delta R.T. 0.008 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

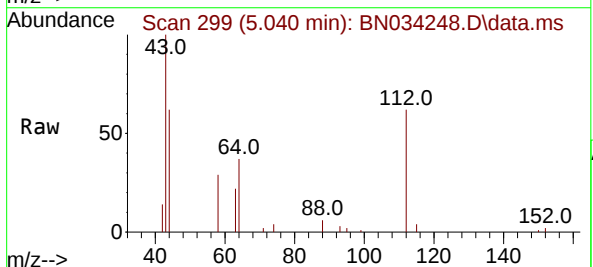
Instrument :
BNA_N
ClientSampleId :
PB163672BL



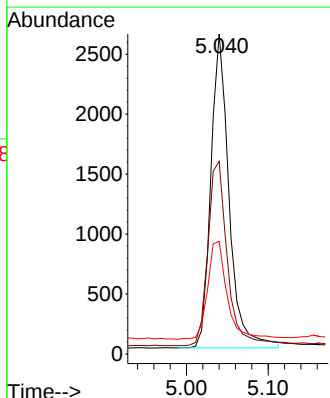
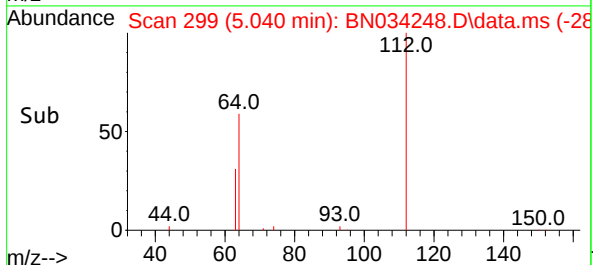
Tgt Ion:152 Resp: 5612
Ion Ratio Lower Upper
152 100
150 151.1 124.6 187.0
115 62.4 50.0 75.0

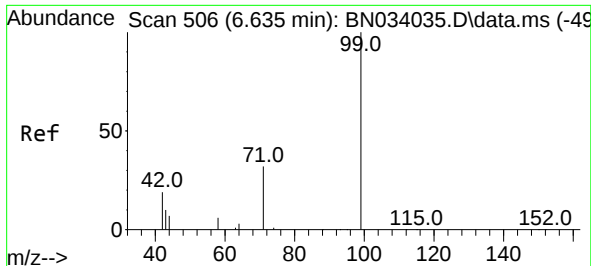


#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.040 min Scan# 299
Delta R.T. 0.007 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14



Tgt Ion:112 Resp: 4062
Ion Ratio Lower Upper
112 100
64 62.7 48.6 72.8
63 33.5 25.6 38.4

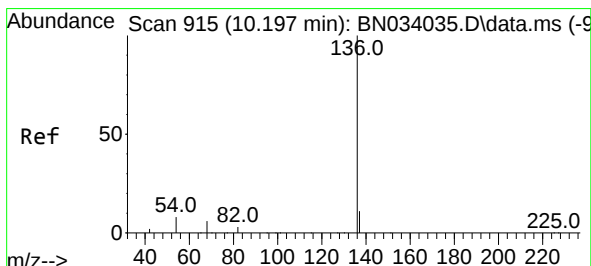
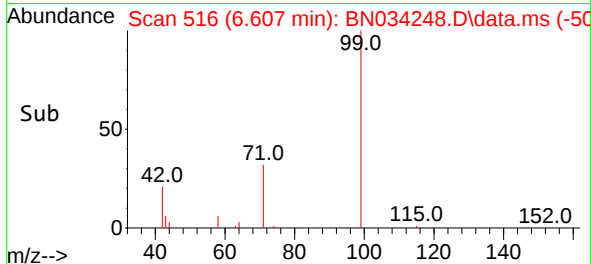
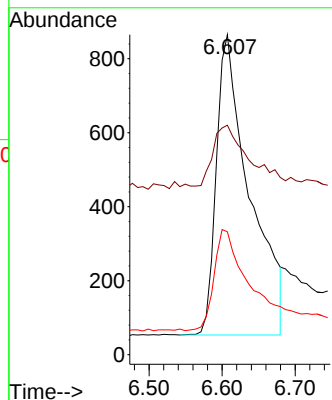
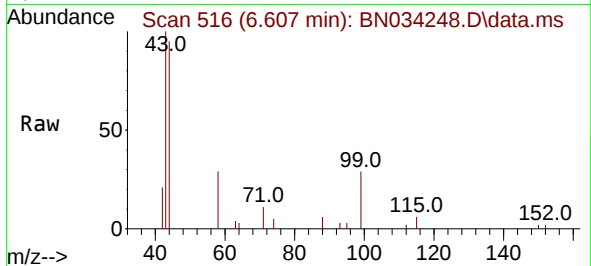




#5
Phenol-d6
Concen: 0.139 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

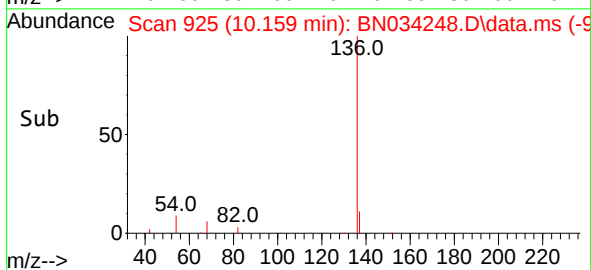
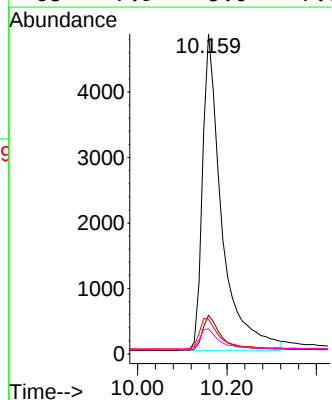
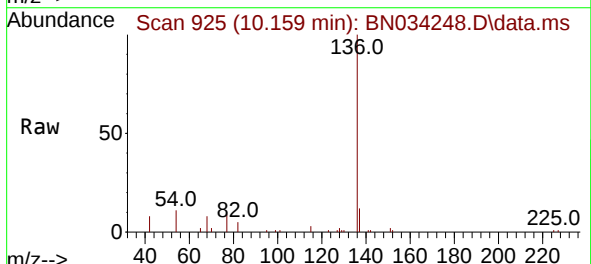
Instrument :
BNA_N
ClientSampleId :
PB163672BL

Tgt Ion: 99 Resp: 2566
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.8
71 35.1 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 925
Delta R.T. 0.011 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

Tgt Ion: 136 Resp: 14438
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 10.9 6.8 10.2#
68 7.9 5.0 7.6#

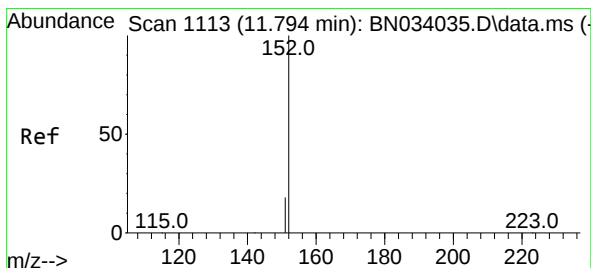
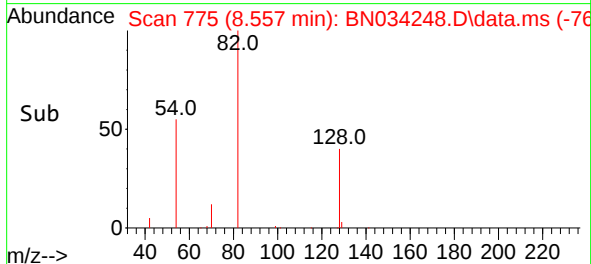
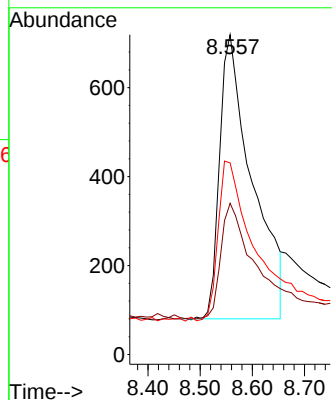
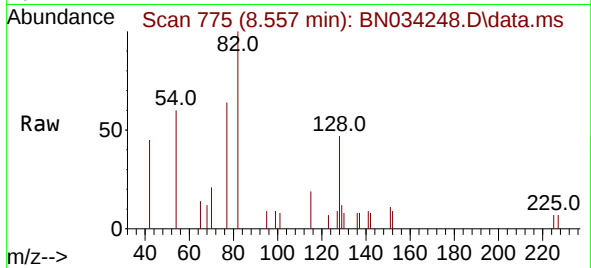




#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.557 min Scan# 71
Delta R.T. 0.022 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

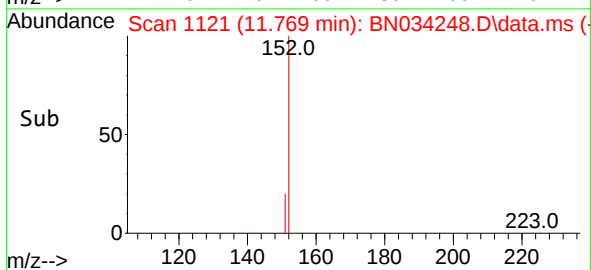
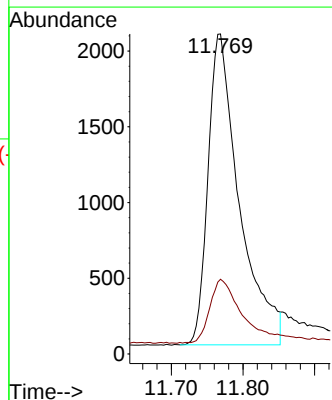
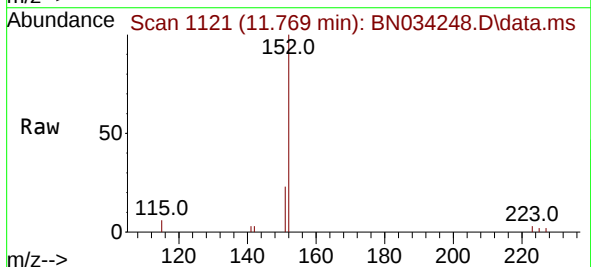
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ClientSampleId :
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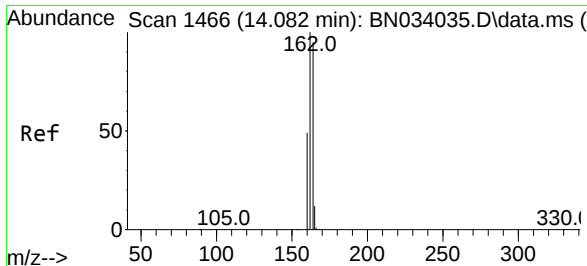
Tgt Ion: 82 Resp: 2769
Ion Ratio Lower Upper
82 100
128 47.3 31.4 47.2#
54 59.9 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 11.769 min Scan# 1121
Delta R.T. 0.015 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

Tgt Ion:152 Resp: 6219
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

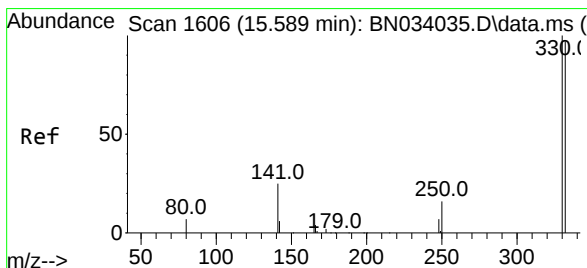
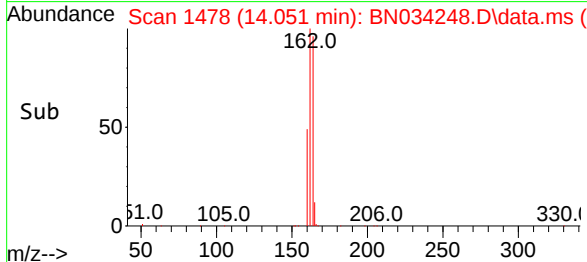
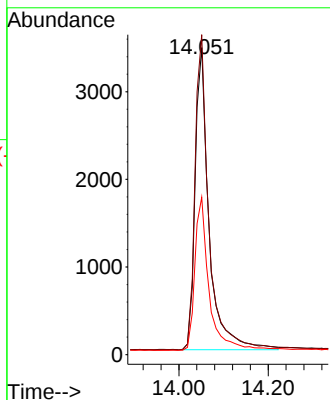
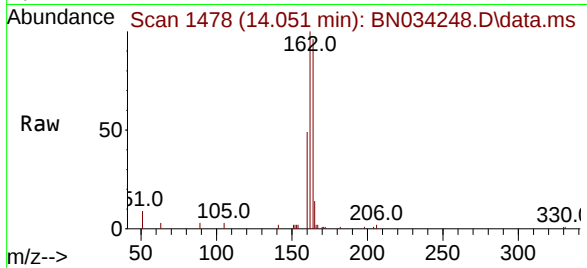




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1466
Delta R.T. 0.004 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

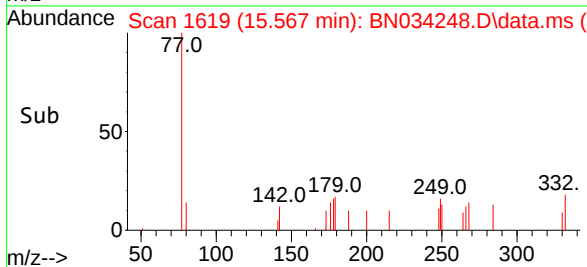
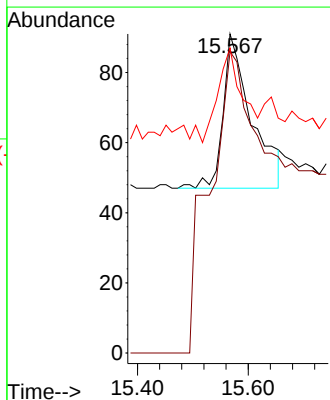
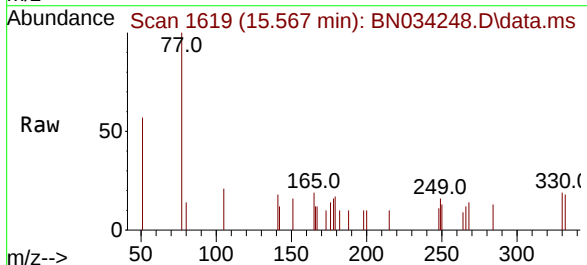
Instrument :
BNA_N
ClientSampleId :
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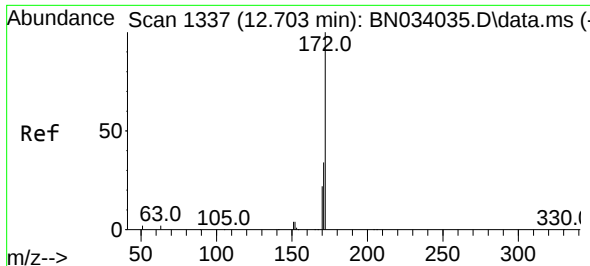
Tgt Ion:164 Resp: 7493
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.2
160 51.3 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.567 min Scan# 1619
Delta R.T. 0.018 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

Tgt Ion:330 Resp: 153
Ion Ratio Lower Upper
330 100
332 375.8 77.4 116.0#
141 54.2 35.9 53.9#

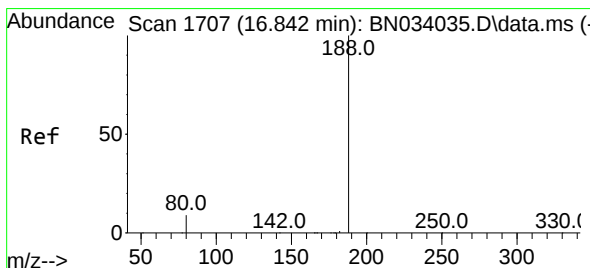
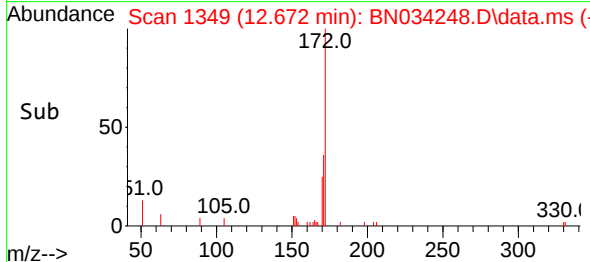
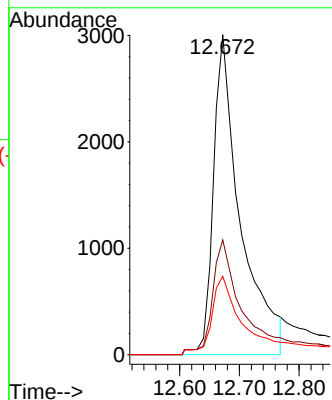
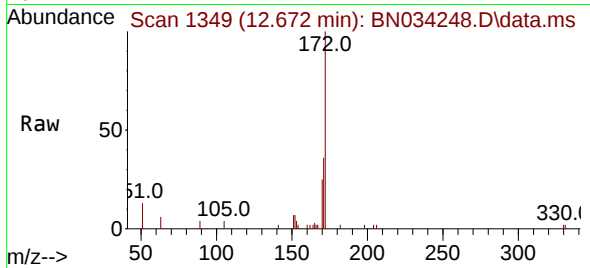




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.672 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

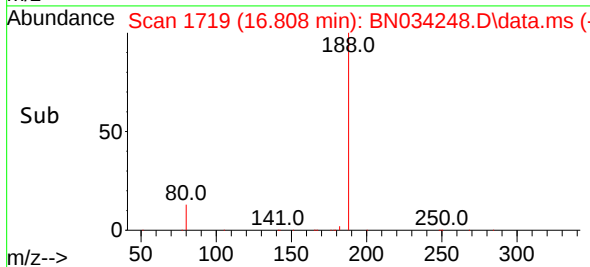
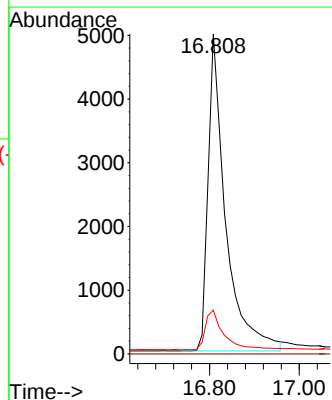
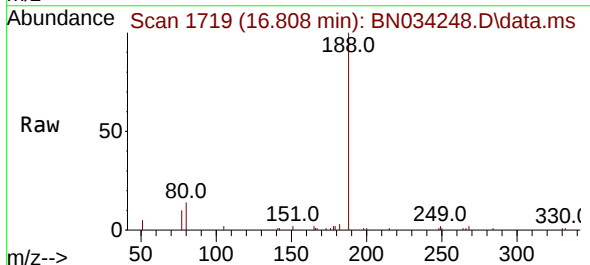
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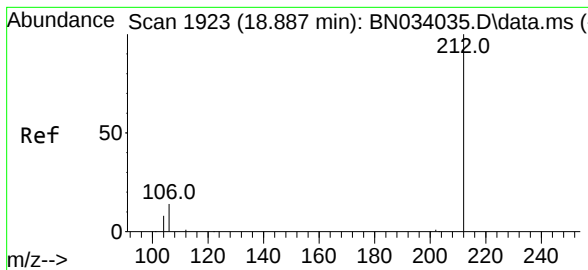
Tgt Ion:172 Resp: 8719
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.5 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

Tgt Ion:188 Resp: 13463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.4 11.0#

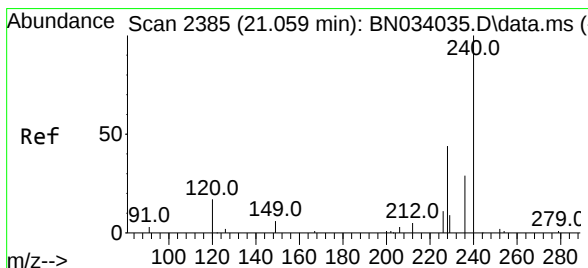
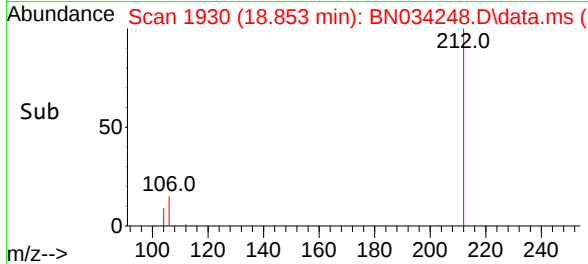
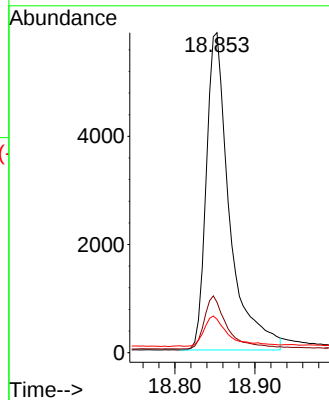
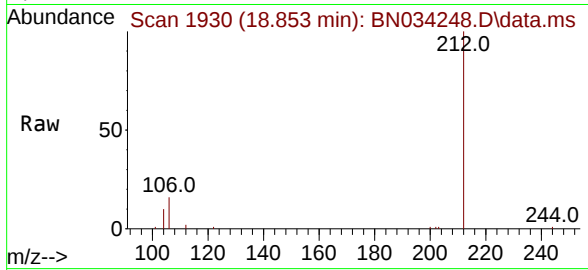




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 18.853 min Scan# 1930
Delta R.T. 0.007 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

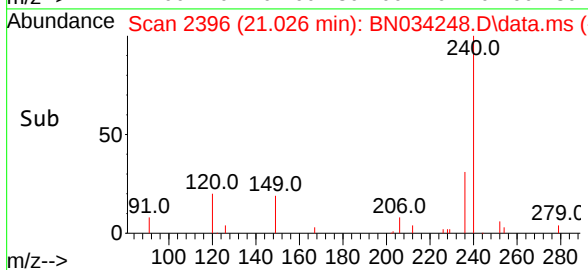
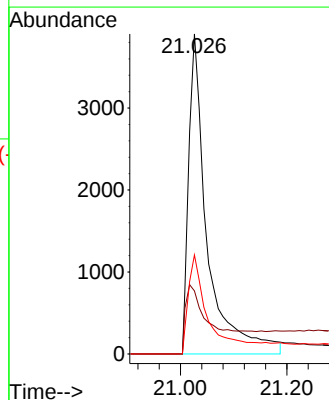
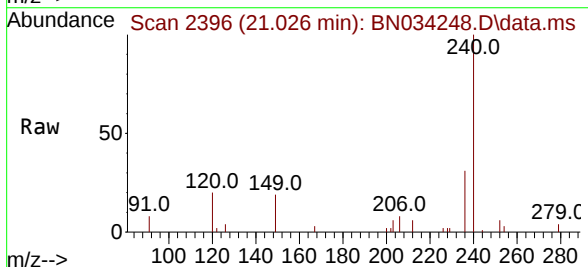
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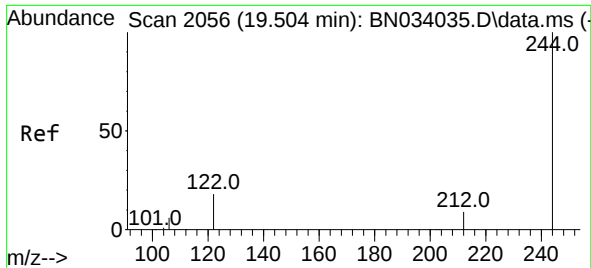
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.4	20.2
104	9.8	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 2396
Delta R.T. 0.012 min
Lab File: BN034248.D
Acq: 26 Sep 2024 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.7	13.5	20.3
236	31.0	23.4	35.0

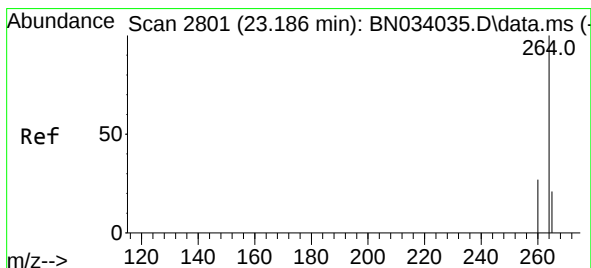
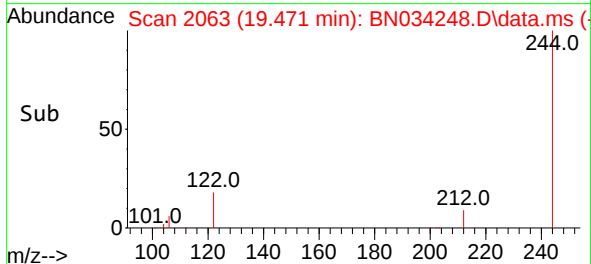
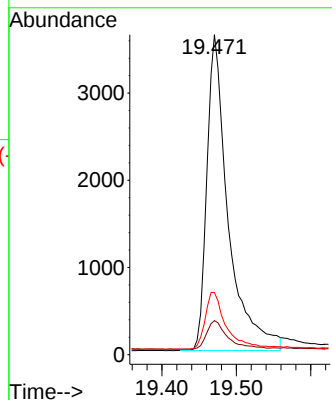
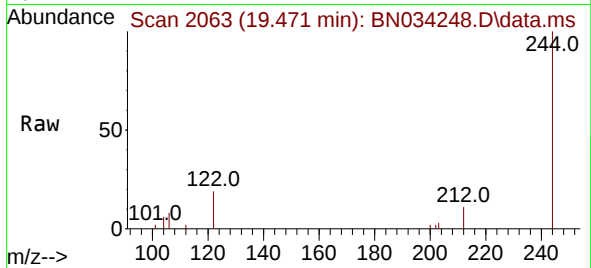




#31
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.471 min Scan# 2056
 Delta R.T. 0.003 min
 Lab File: BN034248.D
 Acq: 26 Sep 2024 17:14

Instrument :
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 ClientSampleId :
 PB163672BL

Tgt Ion:244 Resp: 7220
 Ion Ratio Lower Upper
 244 100
 212 10.6 7.8 11.6
 122 19.4 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.136 min Scan# 2800
 Delta R.T. 0.008 min
 Lab File: BN034248.D
 Acq: 26 Sep 2024 17:14

Tgt Ion:264 Resp: 8825
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 115.0 52.1 78.1#

