

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034502.D
 Acq On : 09 Oct 2024 13:48
 Operator : RC/JU
 Sample : P4226-22
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20240926

Quant Time: Oct 09 14:13:52 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	7.373	152	4292	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11825	0.400	ng	-0.02
13) Acenaphthene-d10	14.019	164	6701	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	12048	0.400	ng	-0.02
29) Chrysene-d12	21.008	240	7504	0.400	ng	0.00
35) Perylene-d12	23.119	264	8616	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2824	0.232	ng	-0.01
5) Phenol-d6	6.578	99	1844	0.130	ng	-0.02
8) Nitrobenzene-d5	8.514	82	3223	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	11.727	152	6364	0.364	ng	-0.03
14) 2,4,6-Tribromophenol	15.530	330	1062	0.350	ng	-0.02
15) 2-Fluorobiphenyl	12.640	172	8343	0.306	ng	-0.02
27) Fluoranthene-d10	18.829	212	12727	0.419	ng	-0.02
31) Terphenyl-d14	19.452	244	8861	0.591	ng	-0.02

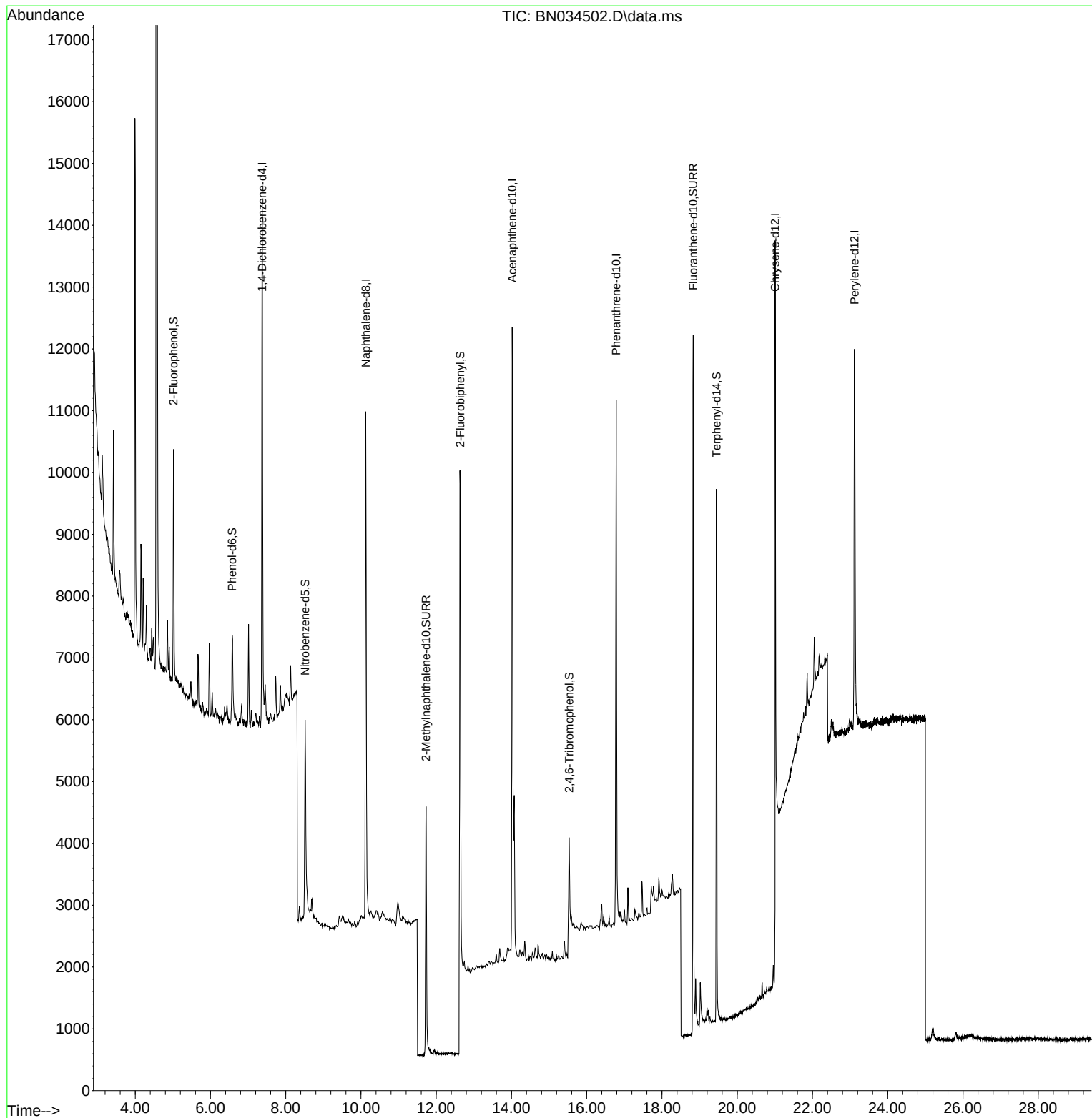
Target Compounds Qvalue

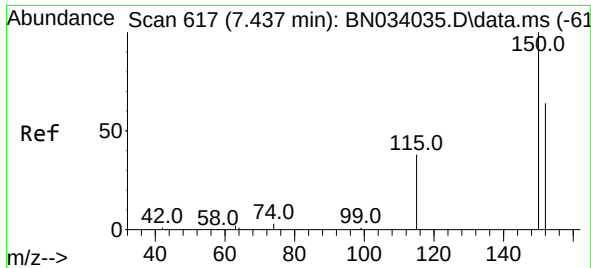
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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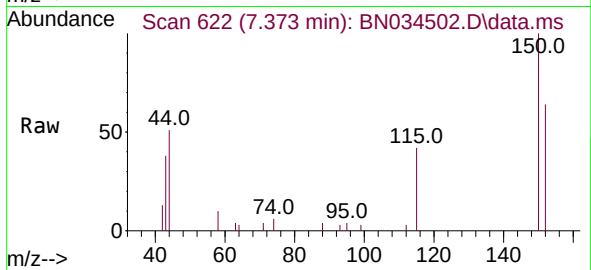
Quant Time: Oct 09 14:13:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



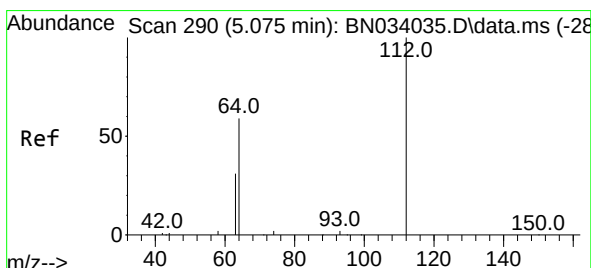
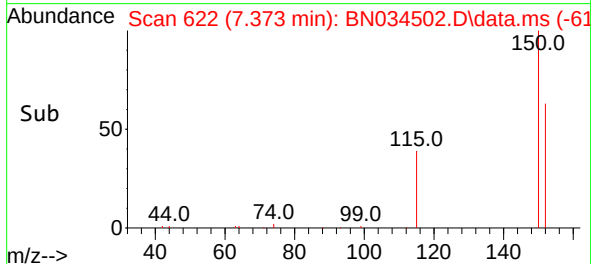
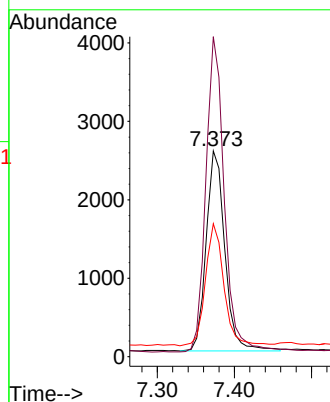


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Instrument :
BNA_N
ClientSampleId :
RE117D2-20240926

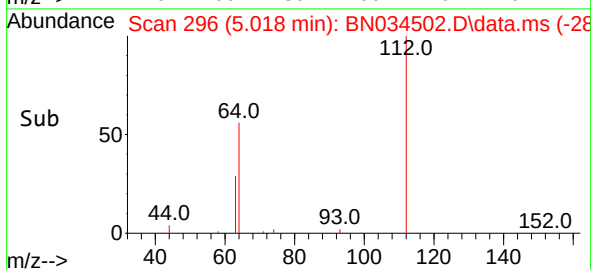
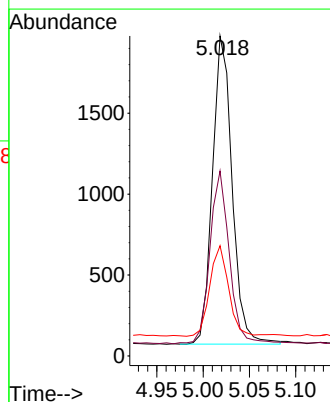
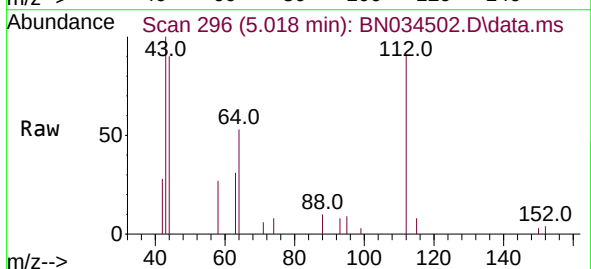


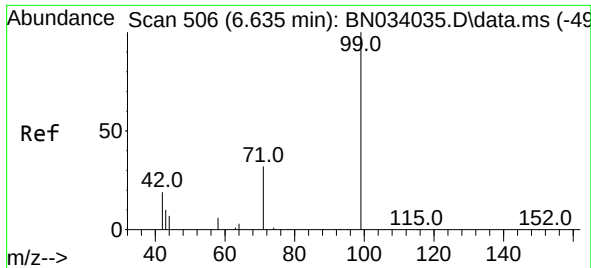
Tgt Ion:152 Resp: 4292
Ion Ratio Lower Upper
152 100
150 155.5 124.6 187.0
115 64.6 50.0 75.0



#4
2-Fluorophenol
Concen: 0.232 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:112 Resp: 2824
Ion Ratio Lower Upper
112 100
64 55.4 48.6 72.8
63 28.0 25.6 38.4

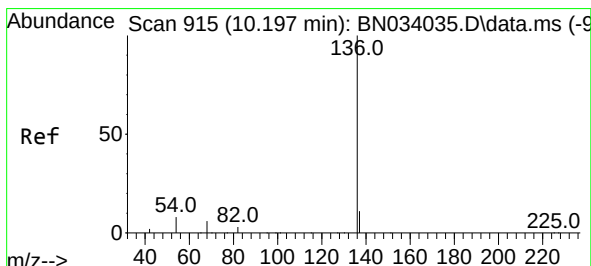
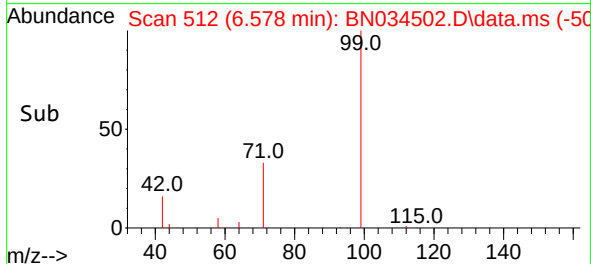
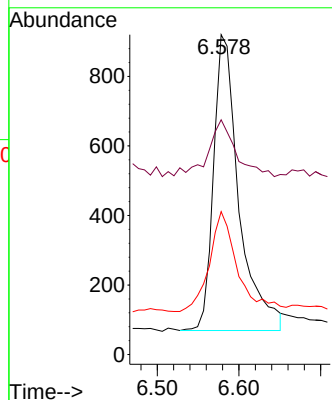
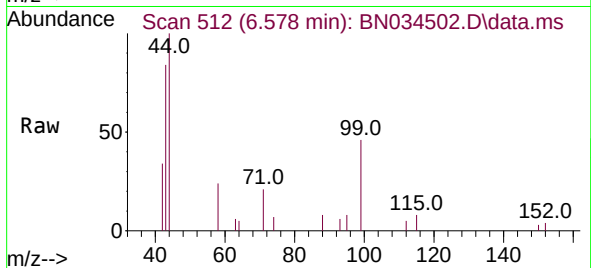




#5
Phenol-d6
Concen: 0.130 ng
RT: 6.578 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

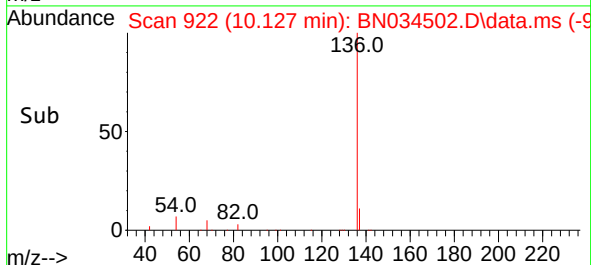
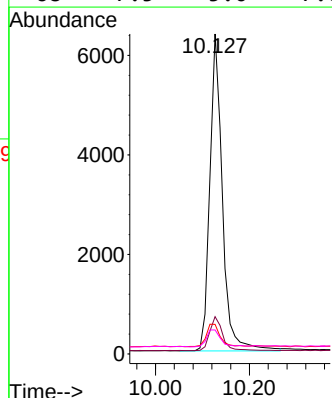
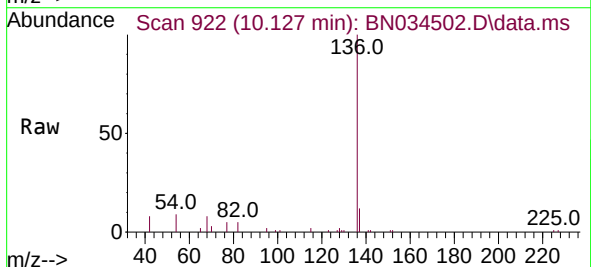
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BNA_N
ClientSampleId :
RE117D2-20240926

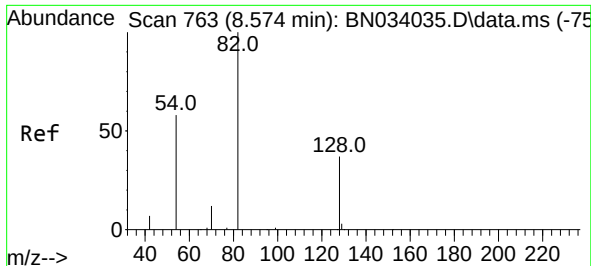
Tgt Ion: 99 Resp: 1844
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.8
71 36.8 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 136 Resp: 11825
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.3 6.8 10.2
68 7.5 5.0 7.6

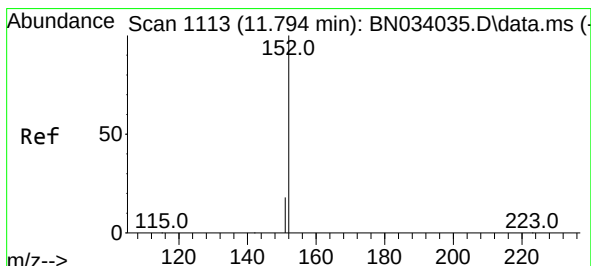
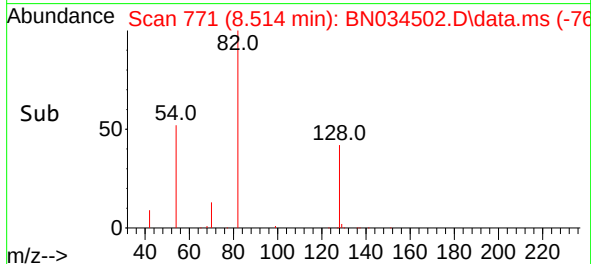
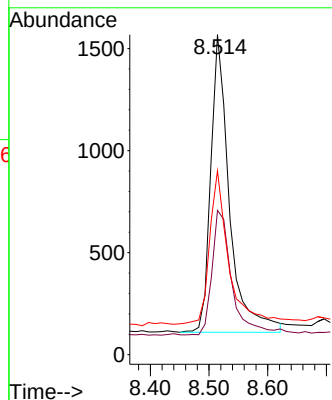
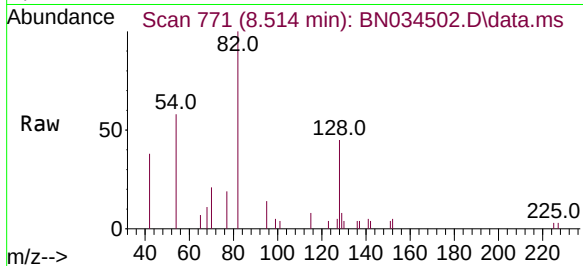




#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.514 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

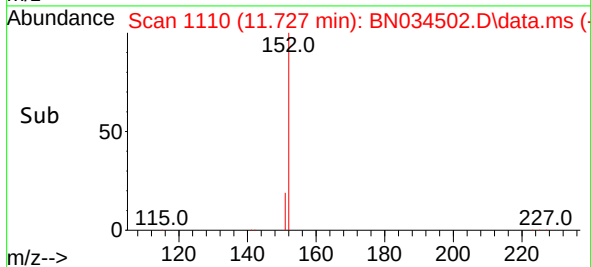
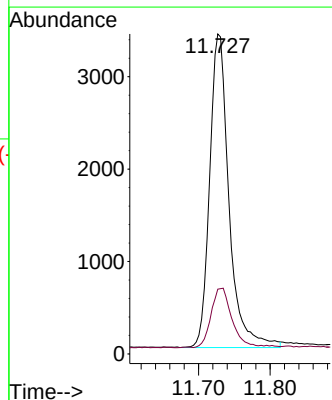
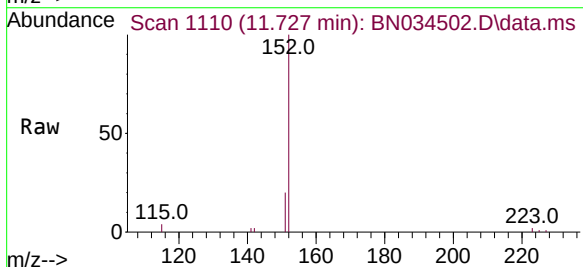
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ClientSampleId :
RE117D2-20240926

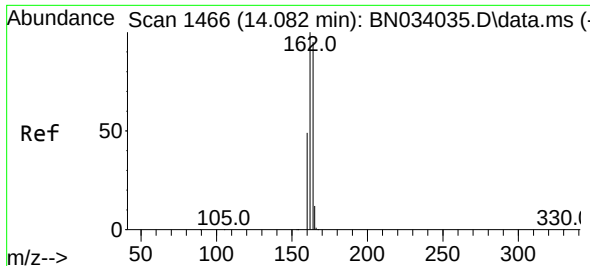
Tgt Ion: 82 Resp: 3223
Ion Ratio Lower Upper
82 100
128 45.1 31.4 47.2
54 57.5 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.727 min Scan# 1110
Delta R.T. -0.026 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:152 Resp: 6364
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2

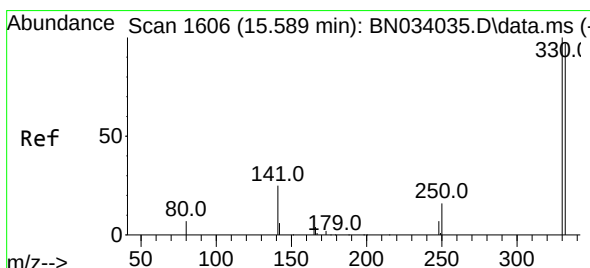
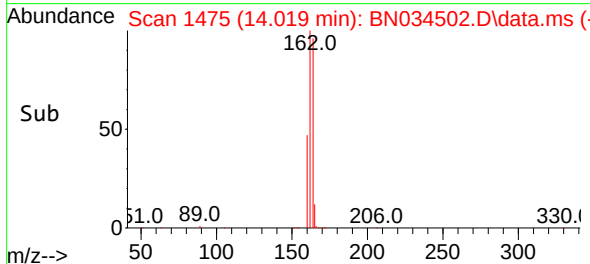
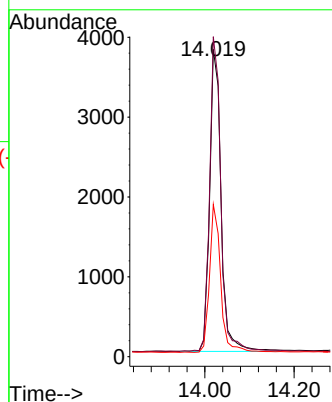
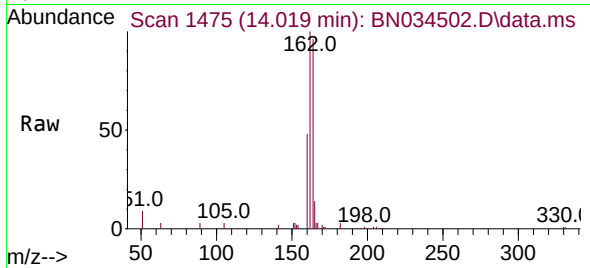




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. -0.028 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

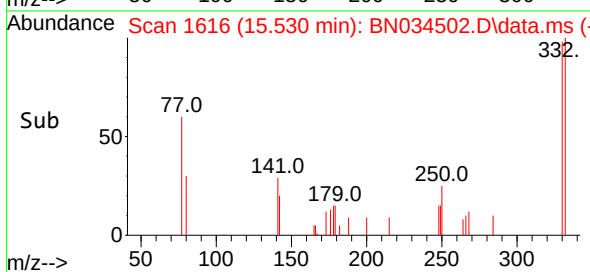
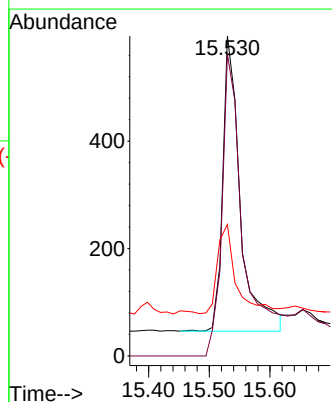
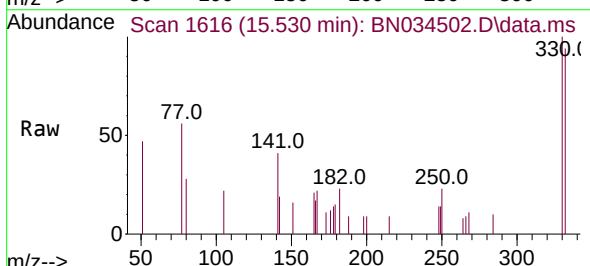
Instrument :
BNA_N
ClientSampleId :
RE117D2-20240926

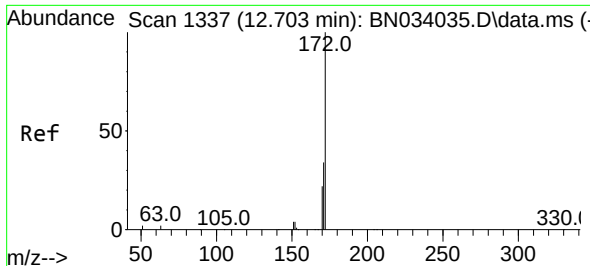
Tgt Ion:164 Resp: 6701
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.2
160 49.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.530 min Scan# 1616
Delta R.T. -0.019 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:330 Resp: 1062
Ion Ratio Lower Upper
330 100
332 129.6 77.4 116.0#
141 32.0 35.9 53.9#

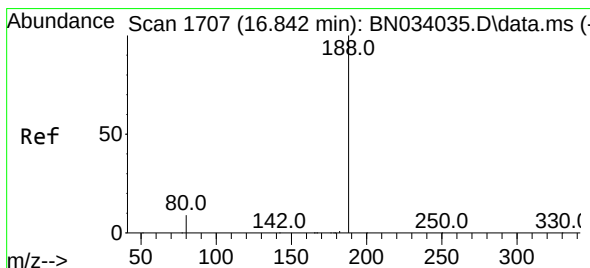
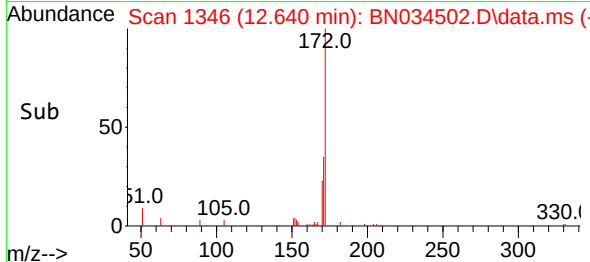
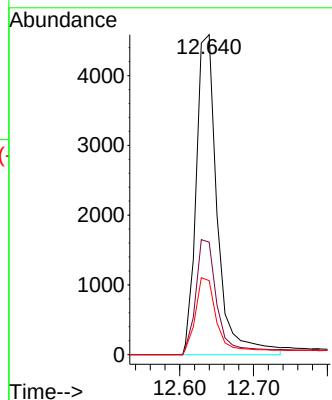
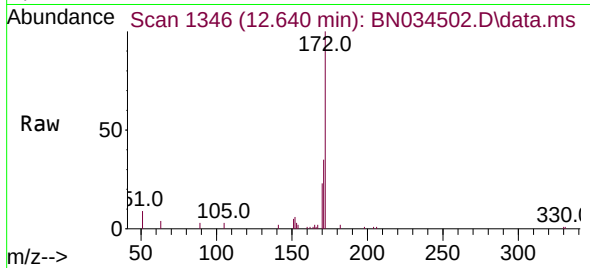




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.640 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

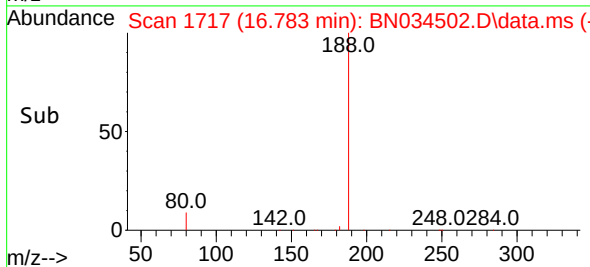
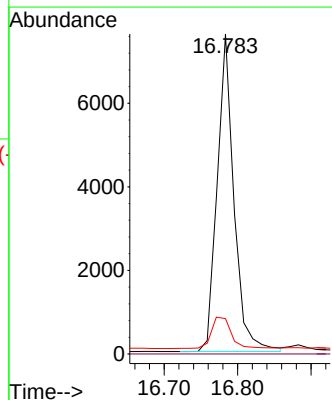
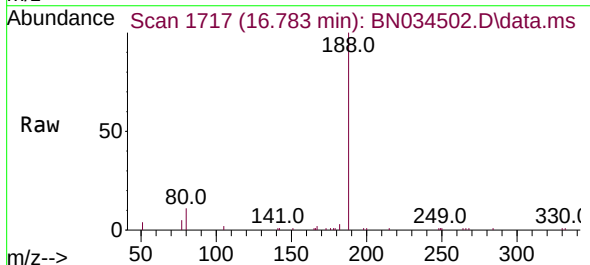
Instrument :
BNA_N
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RE117D2-20240926

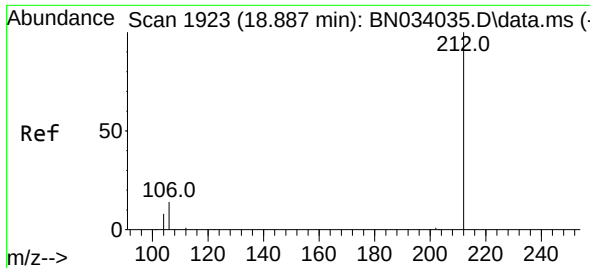
Tgt Ion:172 Resp: 8343
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.1 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:188 Resp: 12048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 7.4 11.0

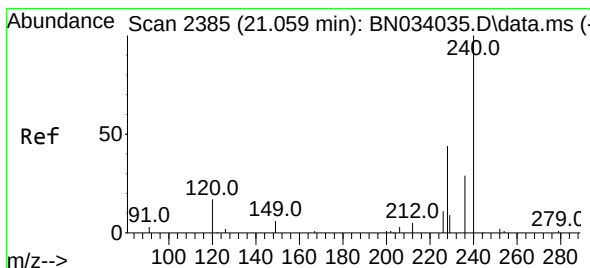
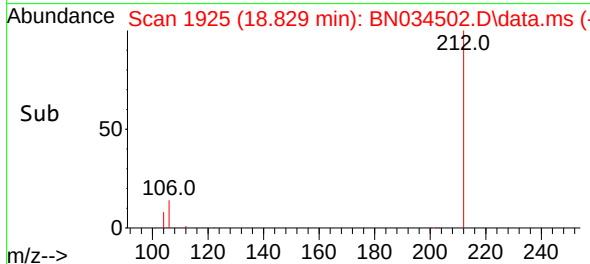
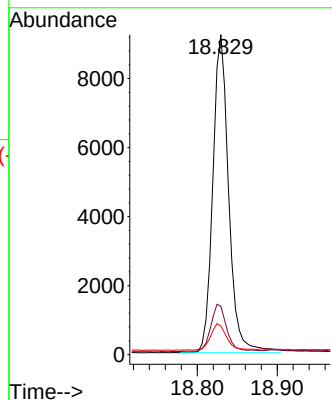
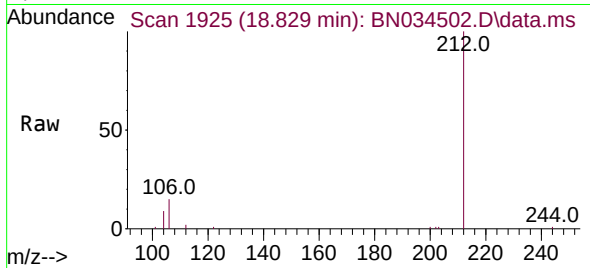




#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 18.829 min Scan# 1925
Delta R.T. -0.016 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

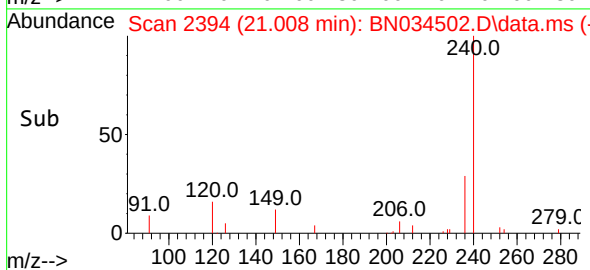
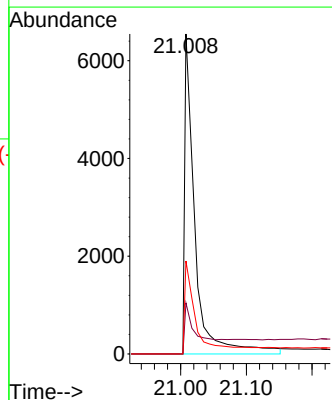
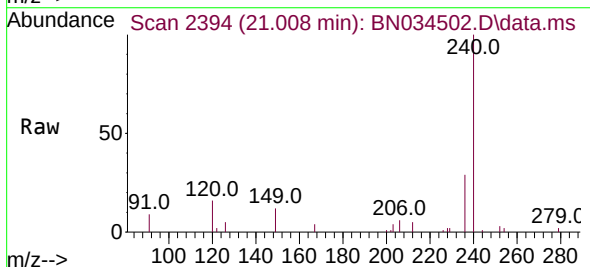
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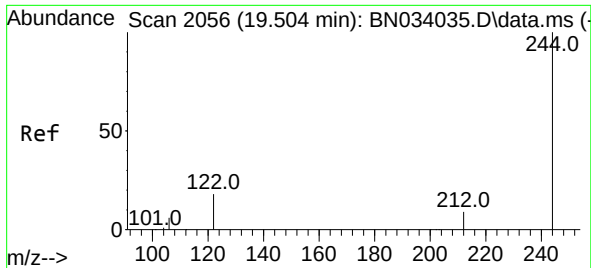
Tgt Ion:212 Resp: 12727
Ion Ratio Lower Upper
212 100
106 15.0 13.4 20.2
104 8.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.007 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:240 Resp: 7504
Ion Ratio Lower Upper
240 100
120 15.9 13.5 20.3
236 29.0 23.4 35.0

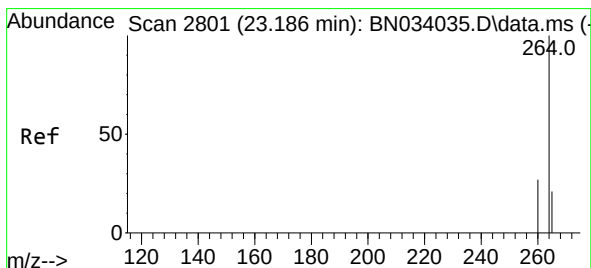
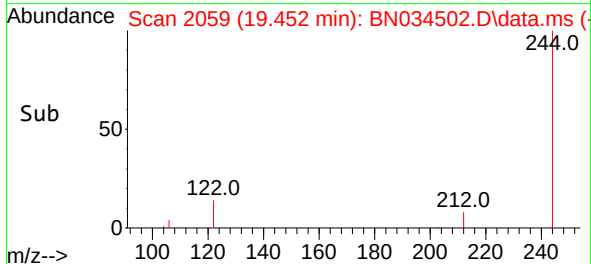
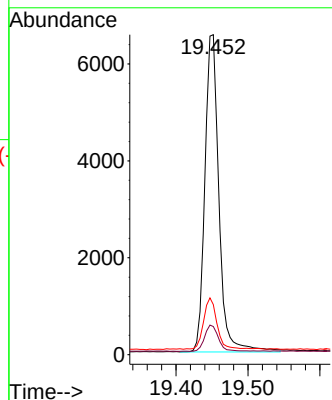
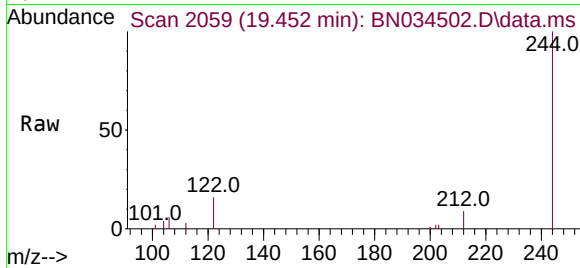




#31
Terphenyl-d14
Concen: 0.591 ng
RT: 19.452 min Scan# 2056
Delta R.T. -0.016 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Instrument :
BNA_N
ClientSampleId :
RE117D2-20240926

Tgt Ion:244	Resp:	8861
Ion Ratio	Lower	Upper
244	100	
212	8.8	7.8 11.6
122	15.7	14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN034502.D
Acq: 09 Oct 2024 13:48

Tgt Ion:264	Resp:	8616
Ion Ratio	Lower	Upper
264	100	
260	26.7	21.7 32.5
265	104.0	52.1 78.1

