

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034504.D
 Acq On : 09 Oct 2024 15:00
 Operator : RC/JU
 Sample : P4226-27
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-9-20240927

Quant Time: Oct 09 15:36:01 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	3849	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	10456	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	5658	0.400	ng	-0.02
19) Phenanthrene-d10	16.791	188	10015	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7343	0.400	ng	0.00
35) Perylene-d12	23.120	264	8764	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2335	0.214	ng	-0.01
5) Phenol-d6	6.586	99	1379	0.109	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2783	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	5916	0.383	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	832	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	7917	0.344	ng	-0.02
27) Fluoranthene-d10	18.832	212	11320	0.448	ng	-0.01
31) Terphenyl-d14	19.450	244	7600	0.518	ng	-0.02

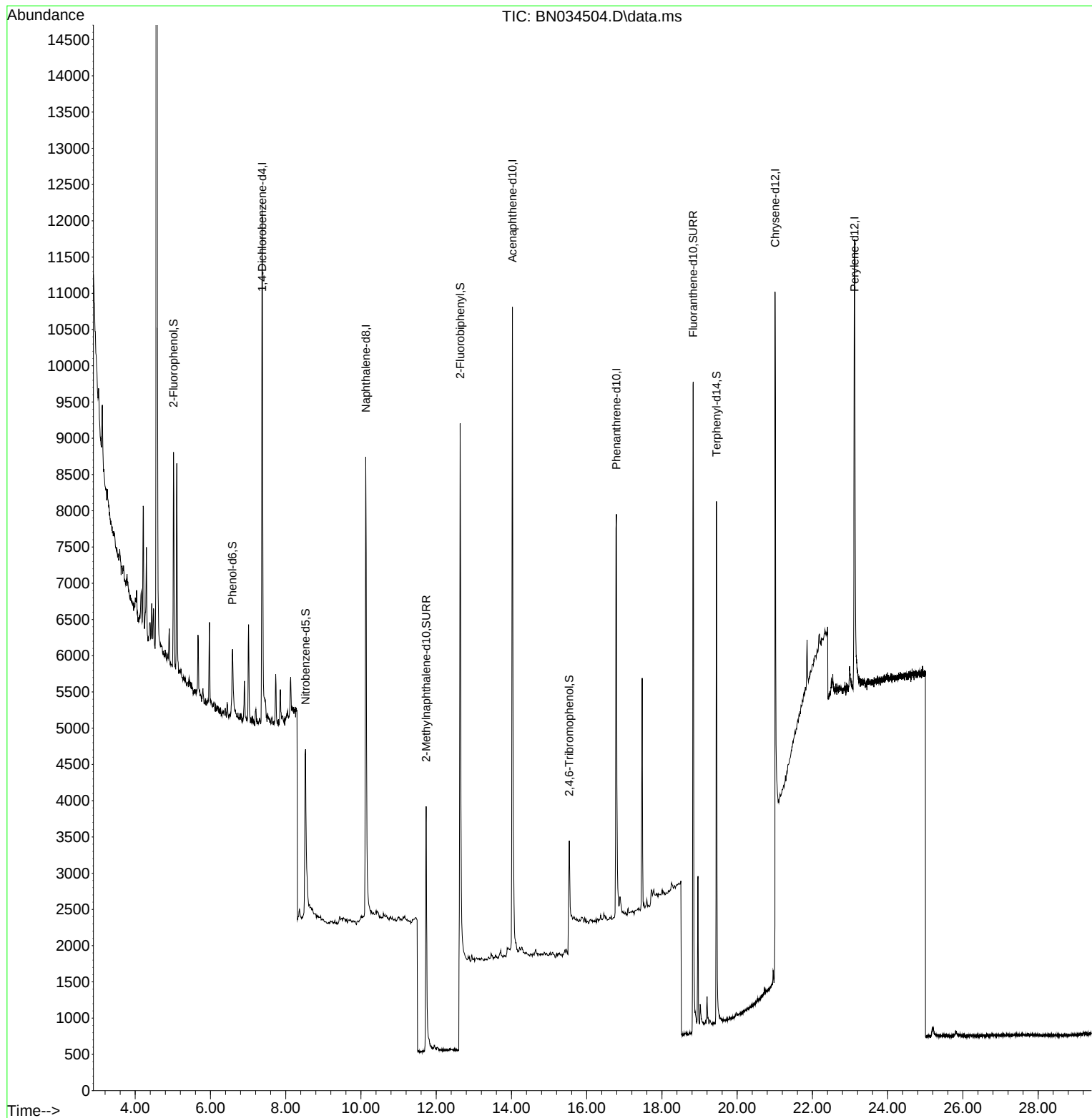
Target Compounds Qvalue

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

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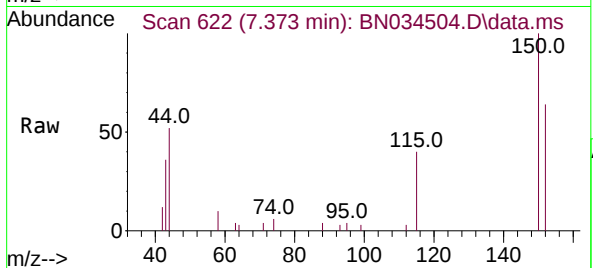
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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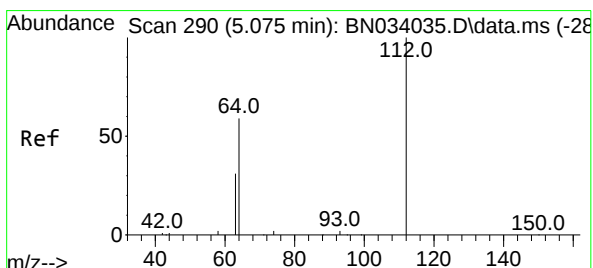
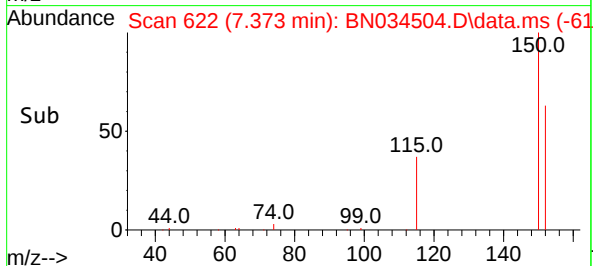
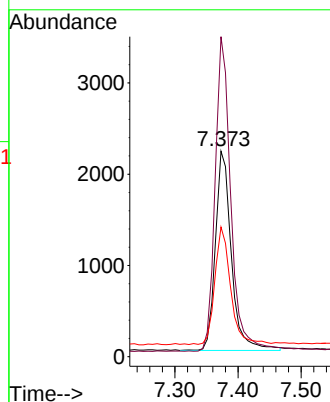


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

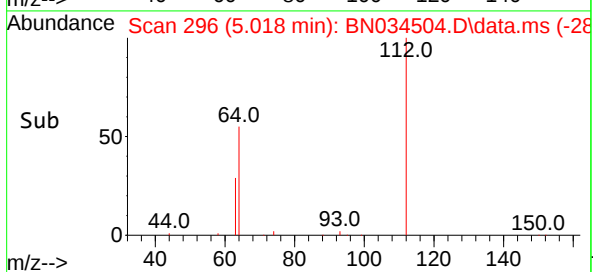
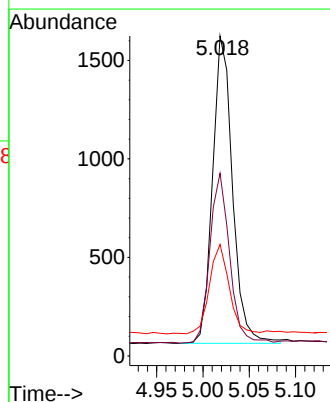
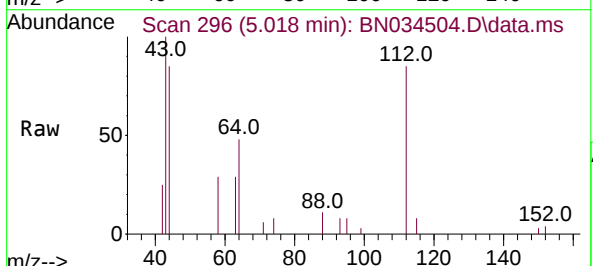


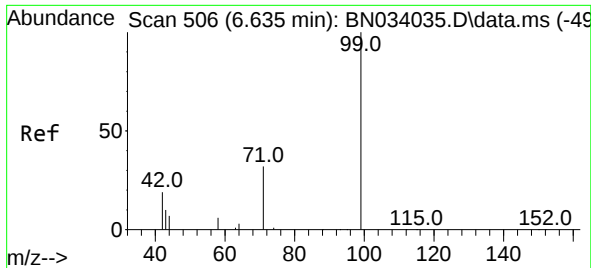
Tgt Ion:152 Resp: 3849
Ion Ratio Lower Upper
152 100
150 155.8 124.6 187.0
115 63.1 50.0 75.0



#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:112 Resp: 2335
Ion Ratio Lower Upper
112 100
64 54.7 48.6 72.8
63 28.9 25.6 38.4

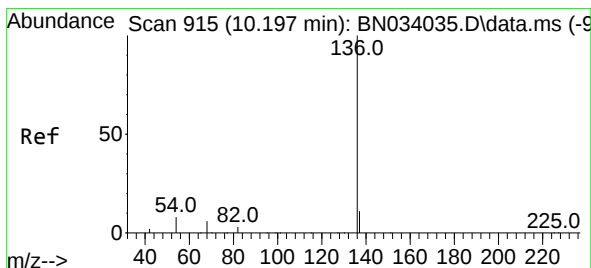
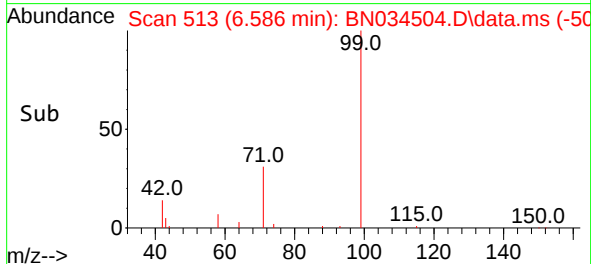
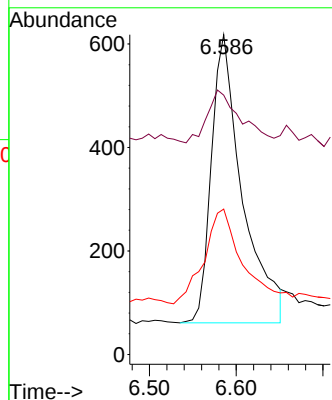
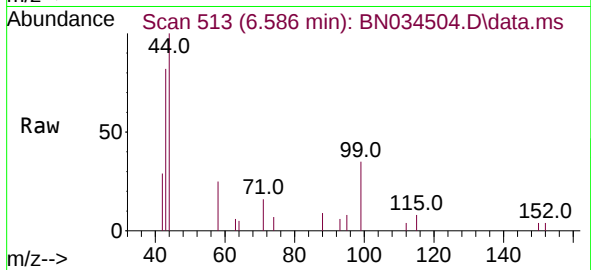




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.586 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

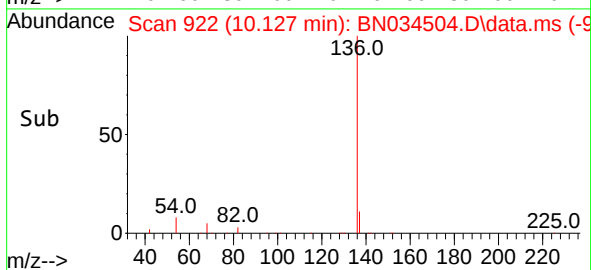
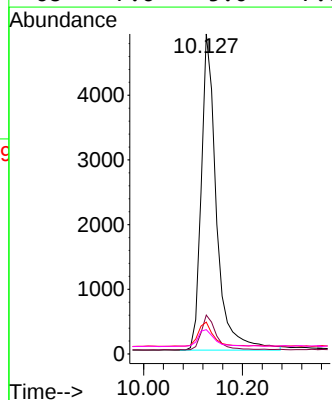
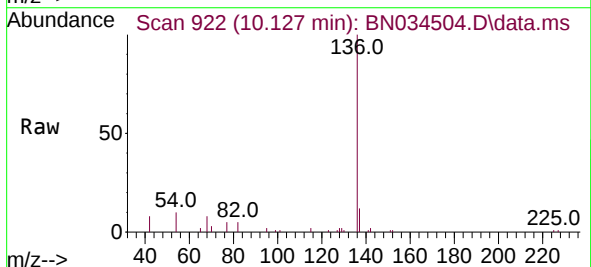
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

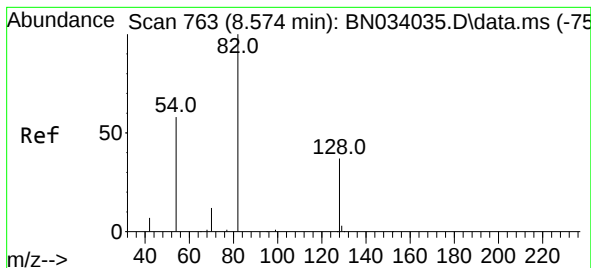
Tgt Ion: 99 Resp: 1379
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.8
71 40.1 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 136 Resp: 10456
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 9.9 6.8 10.2
68 7.6 5.0 7.6#

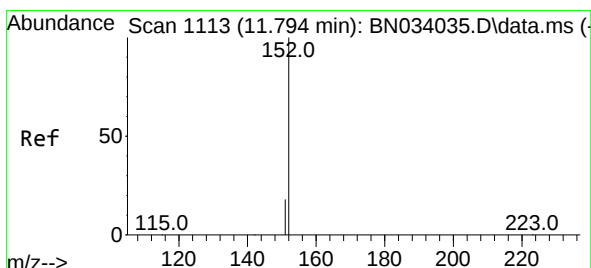
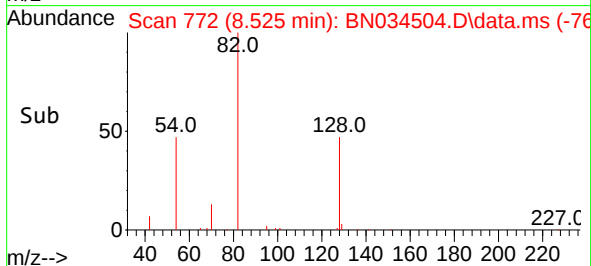
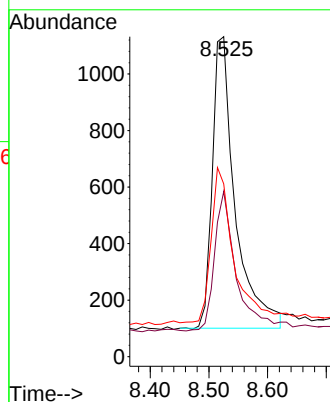
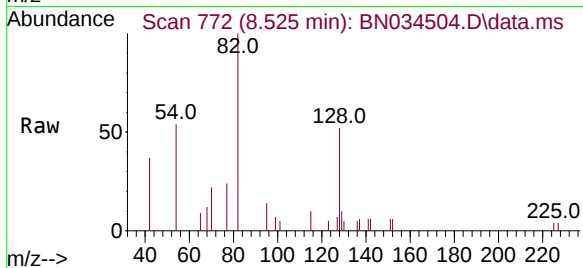




#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.010 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

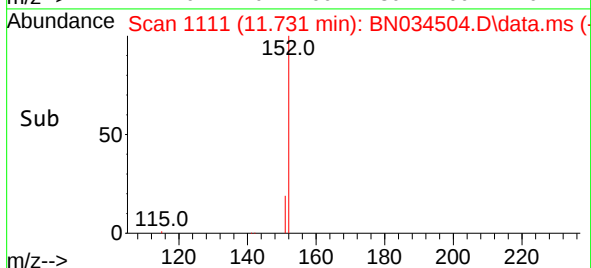
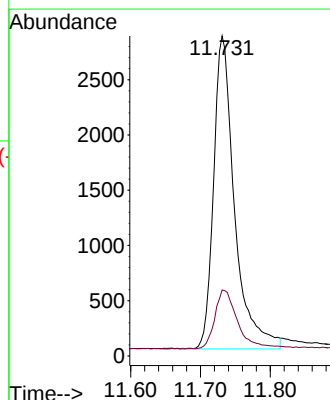
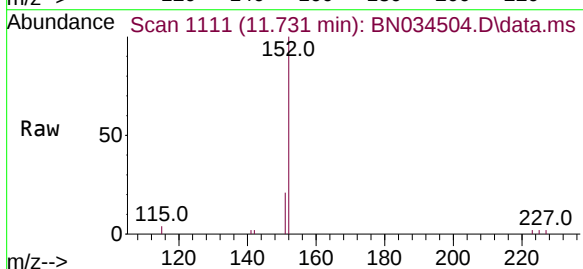
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

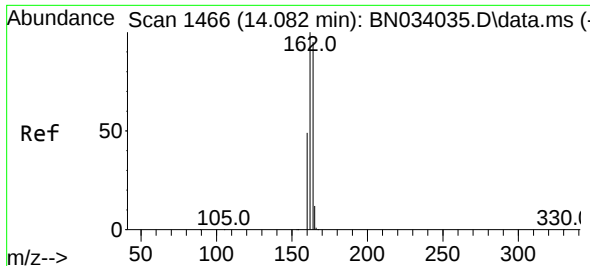
Tgt Ion: 82 Resp: 2783
Ion Ratio Lower Upper
82 100
128 51.6 31.4 47.2#
54 54.0 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.022 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:152 Resp: 5916
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2

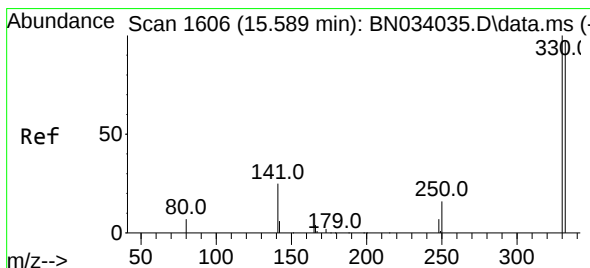
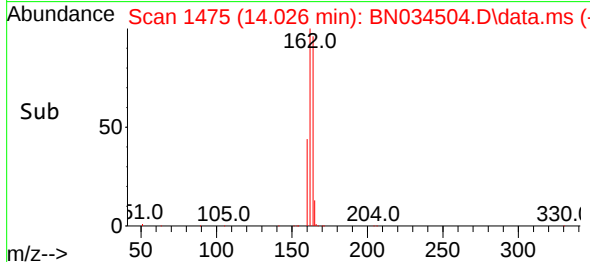
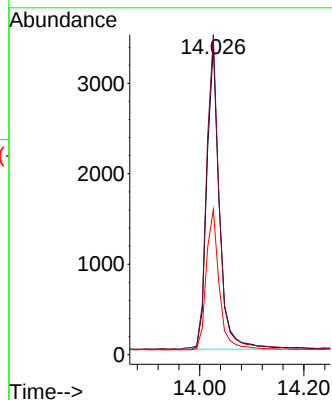
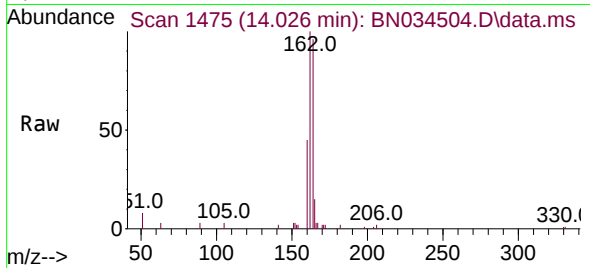




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

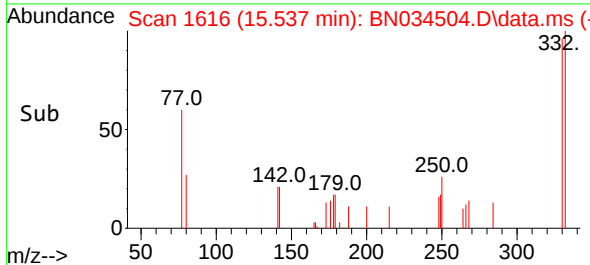
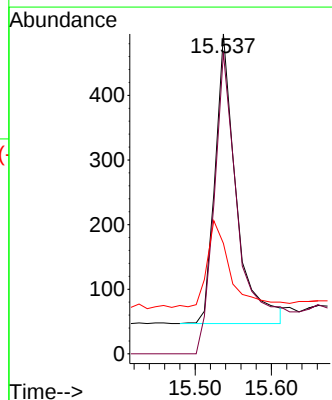
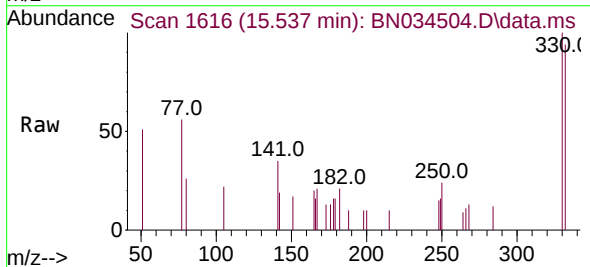
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ClientSampleId :
BPOW6-9-20240927

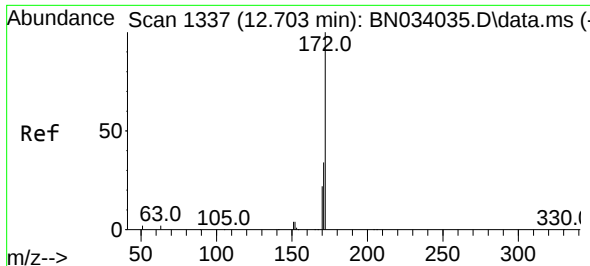
Tgt Ion:164 Resp: 5658
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.2
160 47.0 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:330 Resp: 832
Ion Ratio Lower Upper
330 100
332 138.2 77.4 116.0#
141 33.3 35.9 53.9#

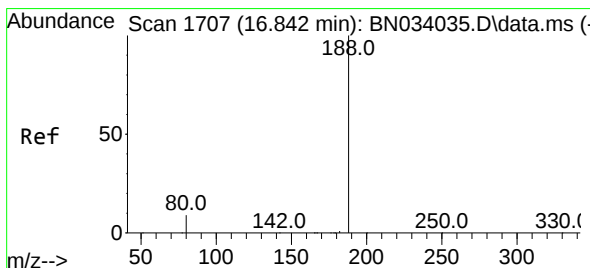
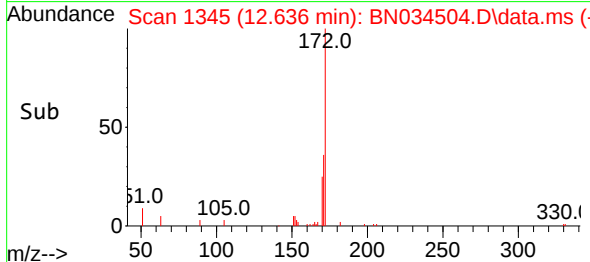
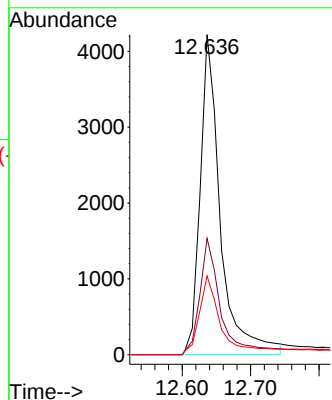
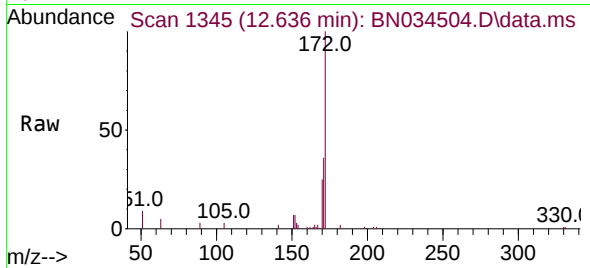




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.636 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

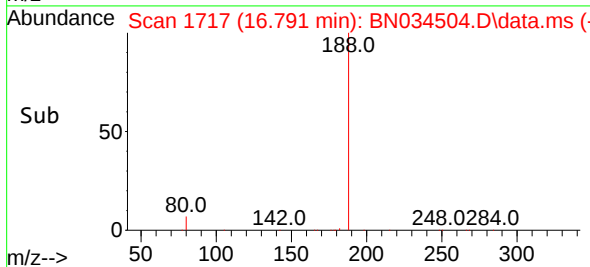
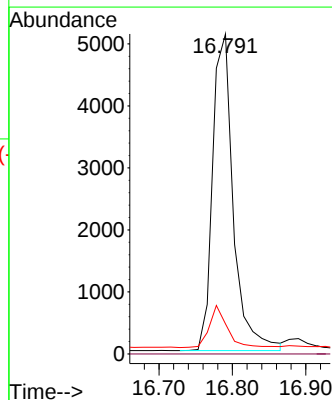
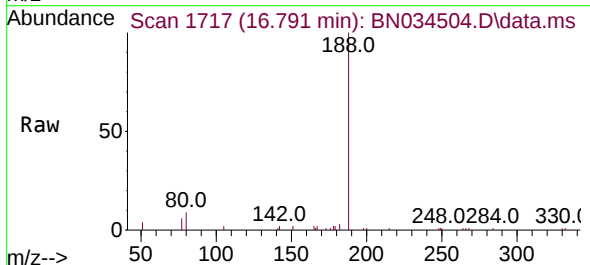
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

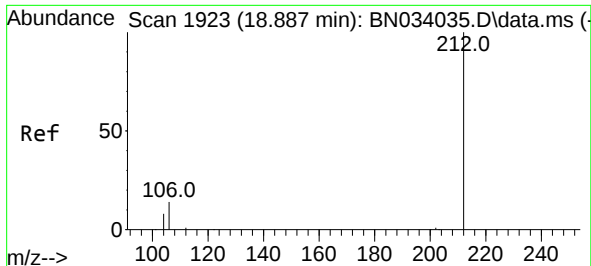
Tgt Ion:	172	Resp:	7917
Ion Ratio	Lower	Upper	
172	100		
171	36.3	27.3	40.9
170	24.6	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.791 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:	188	Resp:	10015
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.0

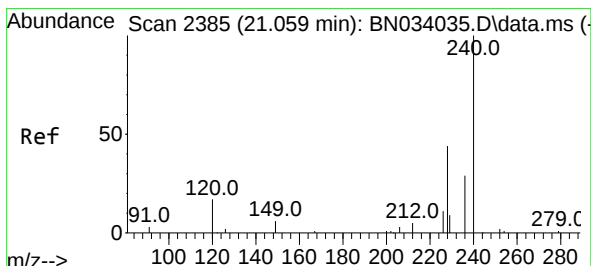
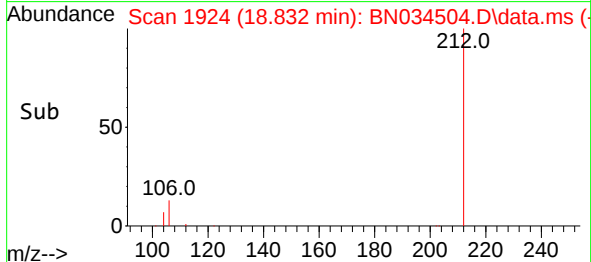
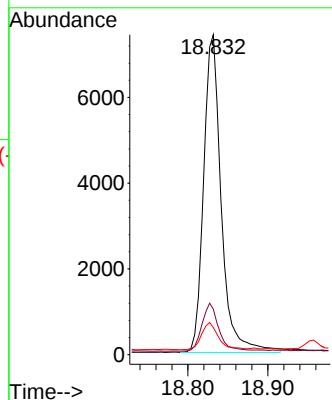
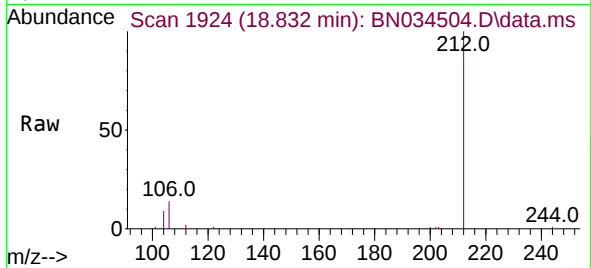




#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

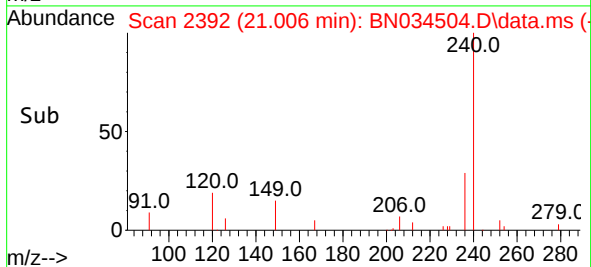
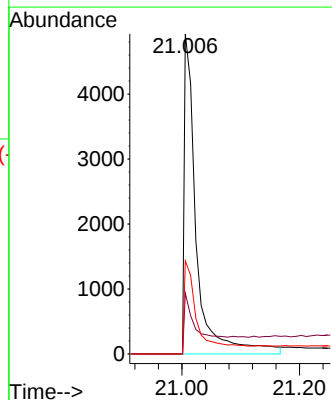
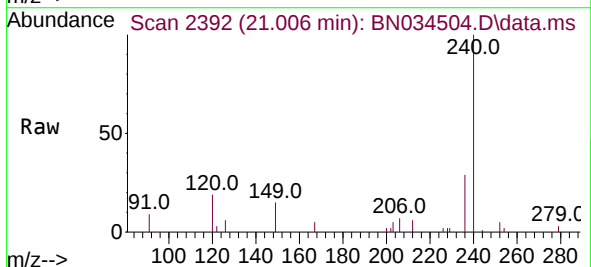
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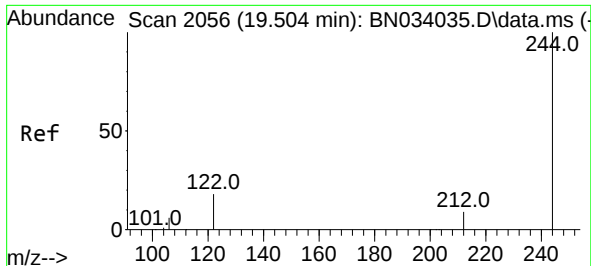
Tgt Ion:212 Resp: 11320
Ion Ratio Lower Upper
212 100
106 14.5 13.4 20.2
104 8.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:240 Resp: 7343
Ion Ratio Lower Upper
240 100
120 19.0 13.5 20.3
236 29.1 23.4 35.0

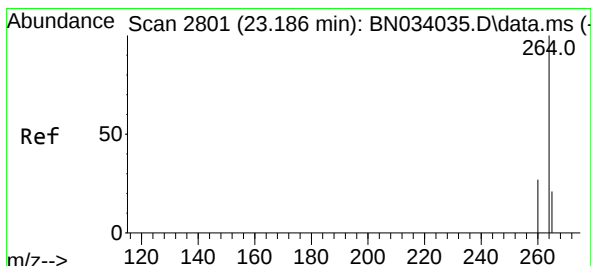
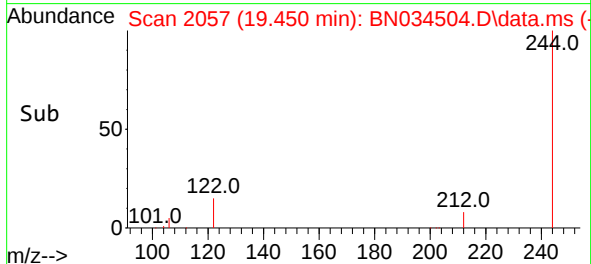
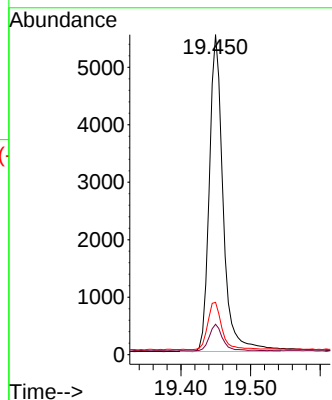
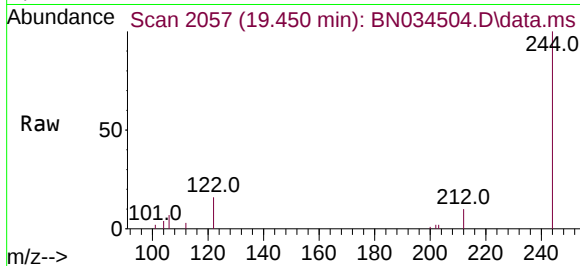




#31
Terphenyl-d14
Concen: 0.518 ng
RT: 19.450 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20240927

Tgt Ion:244 Resp: 7600
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 16.3 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.120 min Scan# 2791
Delta R.T. -0.009 min
Lab File: BN034504.D
Acq: 09 Oct 2024 15:00

Tgt Ion:264 Resp: 8764
Ion Ratio Lower Upper
264 100
260 26.3 21.7 32.5
265 101.6 52.1 78.1#

