

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034553.D
 Acq On : 11 Oct 2024 13:59
 Operator : RC/JU
 Sample : PB163903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163903BL

Quant Time: Oct 11 15:42:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

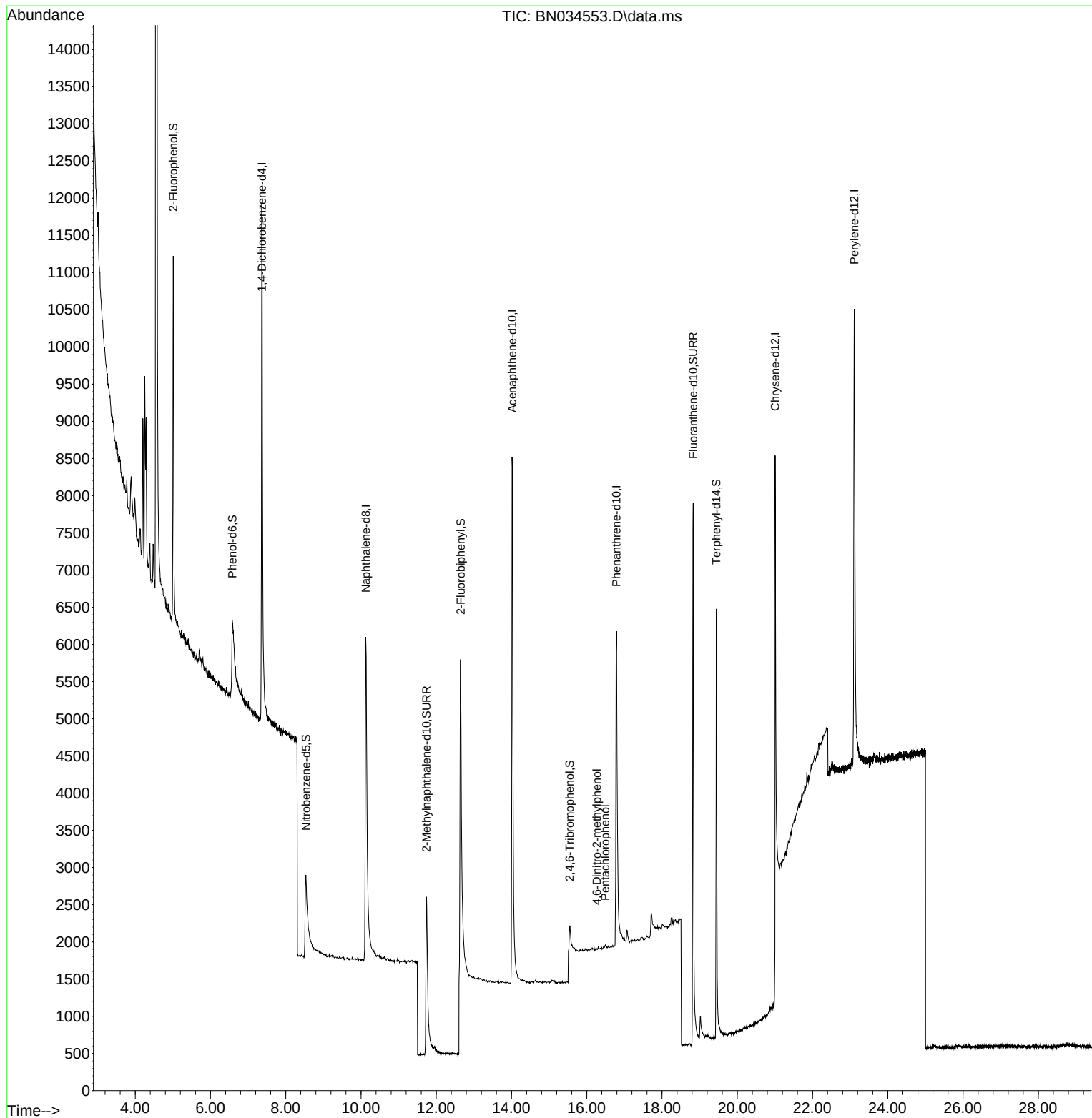
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	4285	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	11473	0.400	ng	# 0.00
13) Acenaphthene-d10	14.015	164	6303	0.400	ng	0.00
19) Phenanthrene-d10	16.790	188	10680	0.400	ng	0.01
29) Chrysene-d12	21.006	240	6687	0.400	ng	0.00
35) Perylene-d12	23.111	264	10014	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4065	0.334	ng	0.00
5) Phenol-d6	6.585	99	2239	0.158	ng	0.01
8) Nitrobenzene-d5	8.536	82	2168	0.247	ng	0.02
11) 2-Methylnaphthalene-d10	11.738	152	5395	0.318	ng	0.01
14) 2,4,6-Tribromophenol	15.549	330	396	0.139	ng	0.01
15) 2-Fluorobiphenyl	12.647	172	7594	0.296	ng	0.01
27) Fluoranthene-d10	18.827	212	10366	0.385	ng	0.00
31) Terphenyl-d14	19.445	244	6932	0.519	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.269	198	7	0.141	ng	# 1
24) Pentachlorophenol	16.493	266	49	0.022	ng	# 71

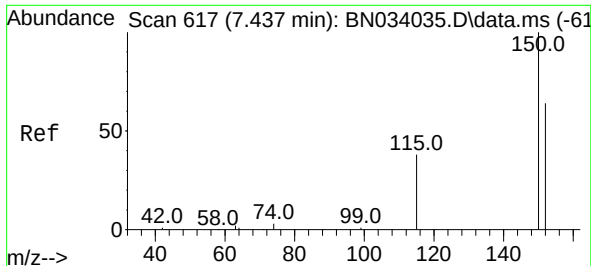
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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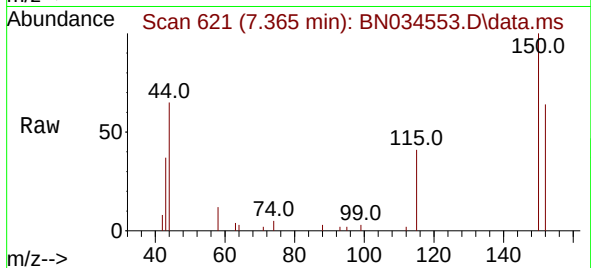
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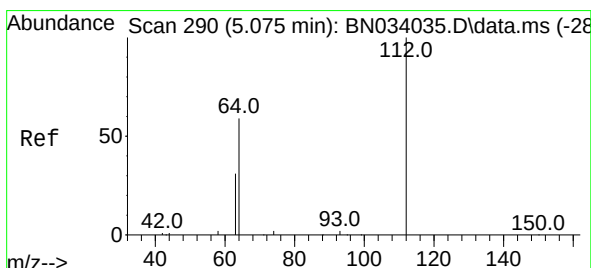
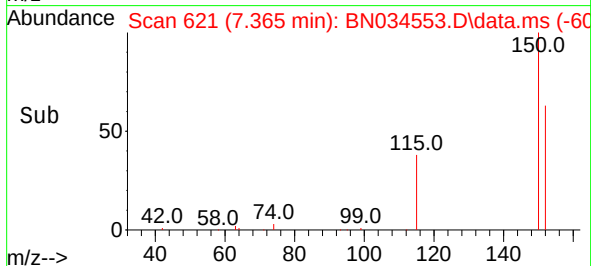
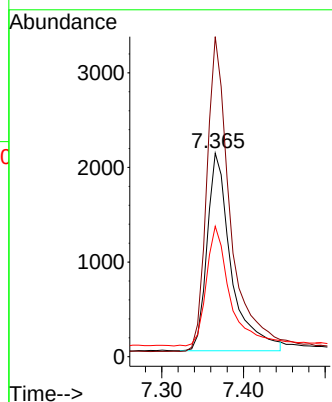


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 617
Delta R.T. -0.008 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Instrument :
BNA_N
ClientSampleId :
PB163903BL

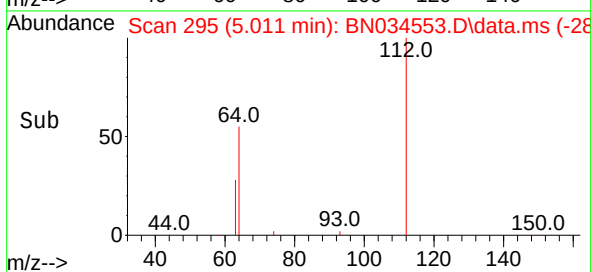
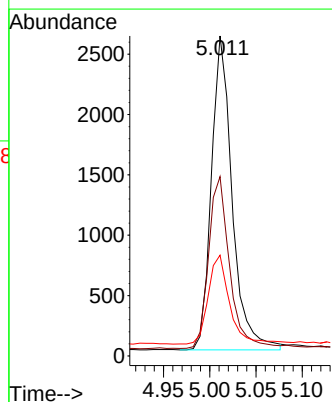
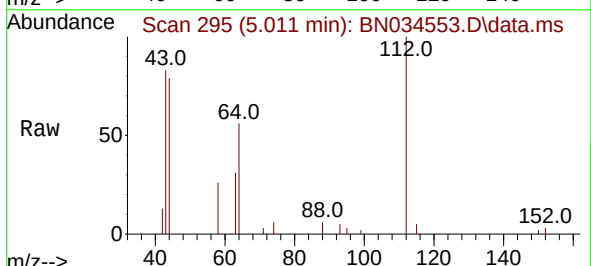


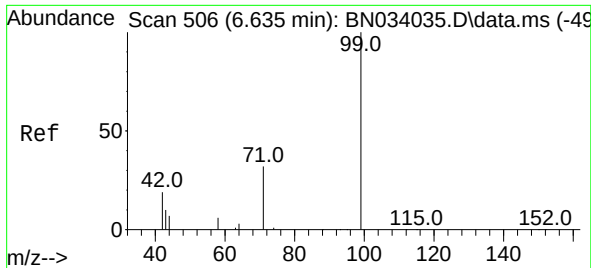
Tgt Ion:152 Resp: 4285
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 64.1 50.0 75.0



#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.011 min Scan# 295
Delta R.T. -0.000 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:112 Resp: 4065
Ion Ratio Lower Upper
112 100
64 55.3 48.6 72.8
63 29.1 25.6 38.4

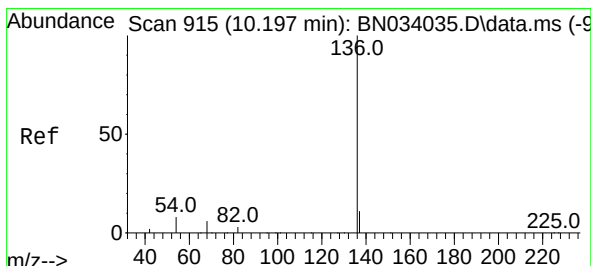
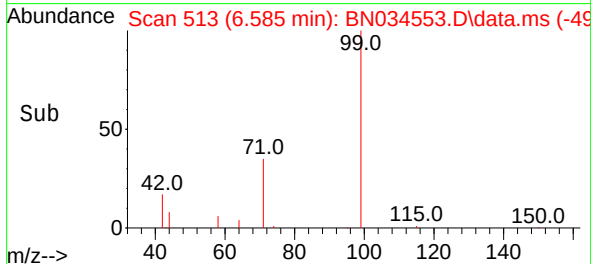
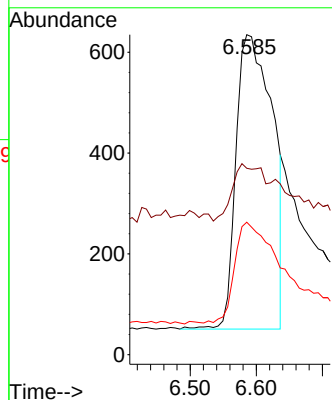
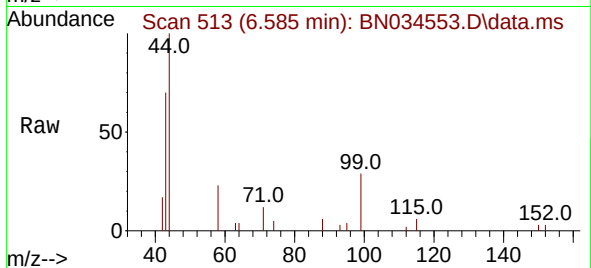




#5
Phenol-d6
Concen: 0.158 ng
RT: 6.585 min Scan# 513
Delta R.T. 0.014 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

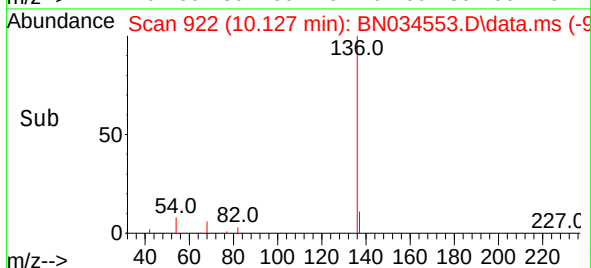
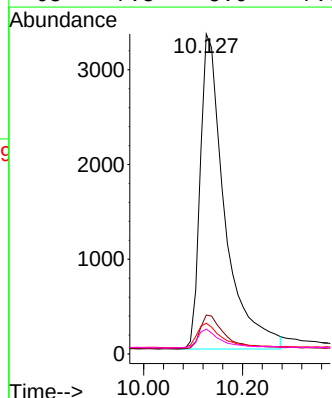
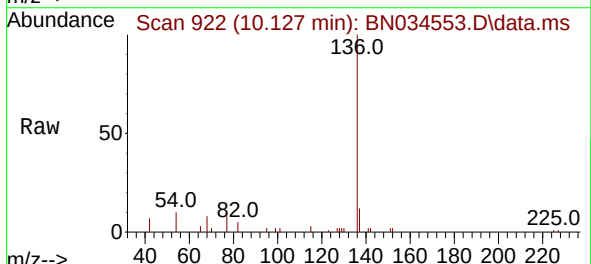
Instrument :
BNA_N
ClientSampleId :
PB163903BL

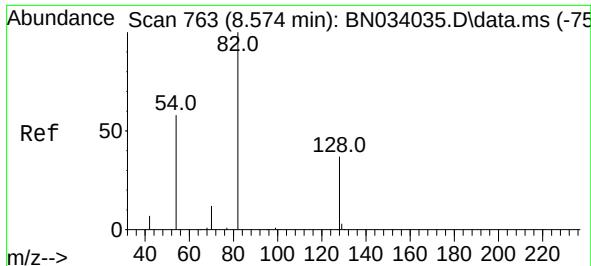
Tgt Ion: 99 Resp: 2239
Ion Ratio Lower Upper
99 100
42 20.5 17.8 26.8
71 34.4 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion: 136 Resp: 11473
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 9.6 6.8 10.2
68 7.8 5.0 7.6#

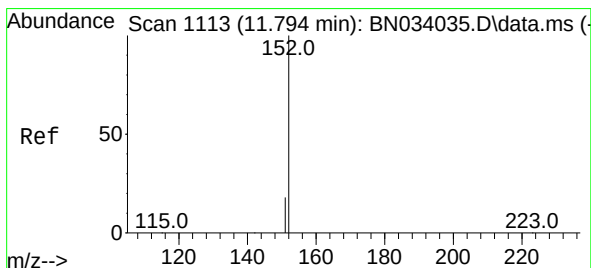
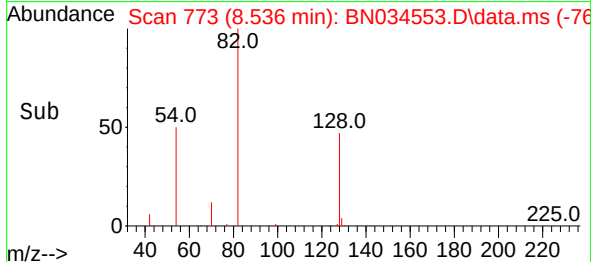
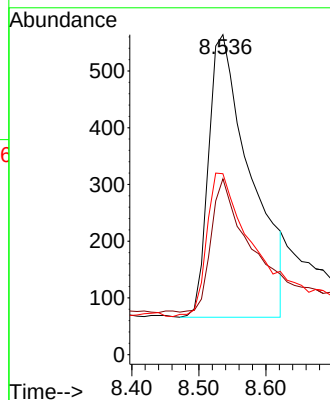
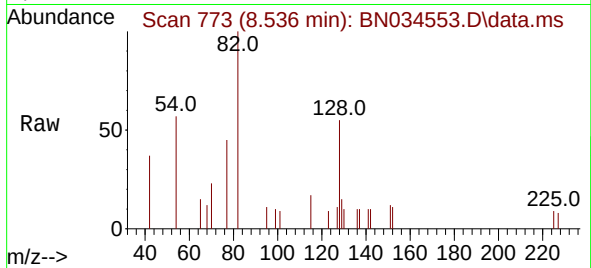




#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

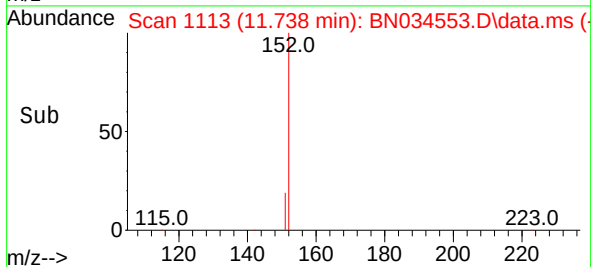
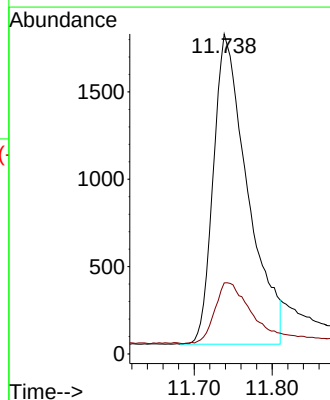
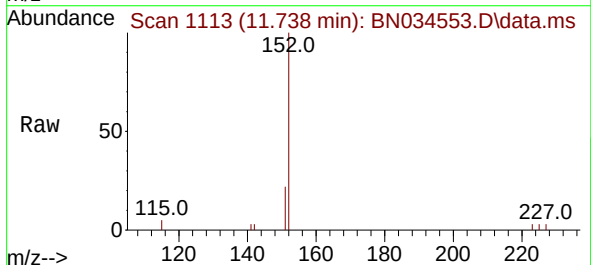
Instrument :
BNA_N
ClientSampleId :
PB163903BL

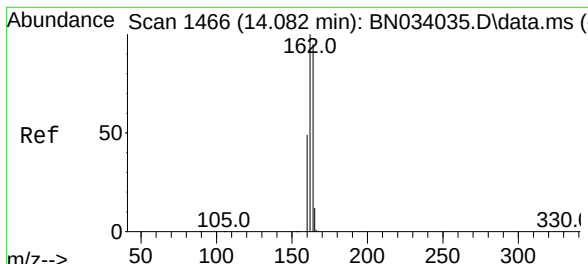
Tgt Ion: 82 Resp: 2168
Ion Ratio Lower Upper
82 100
128 55.0 31.4 47.2#
54 56.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.738 min Scan# 1113
Delta R.T. 0.011 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:152 Resp: 5395
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

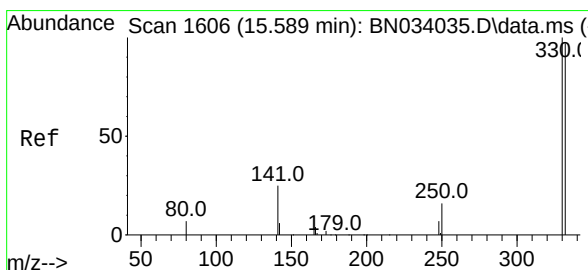
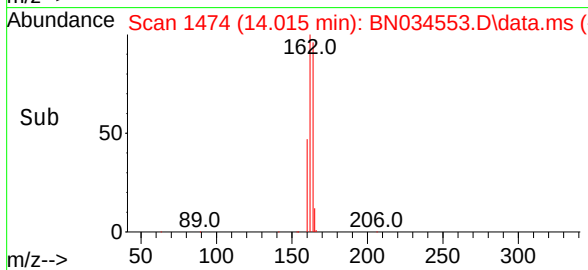
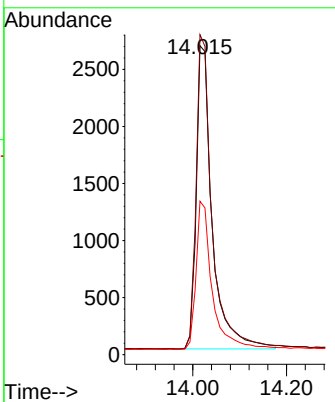
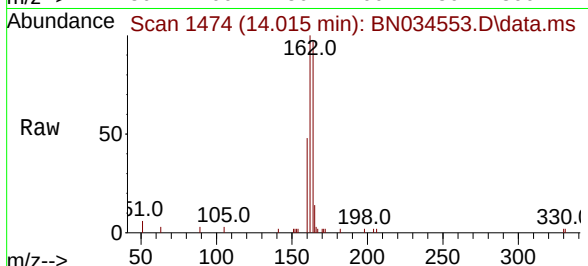




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.015 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN034553.D
 Acq: 11 Oct 2024 13:59

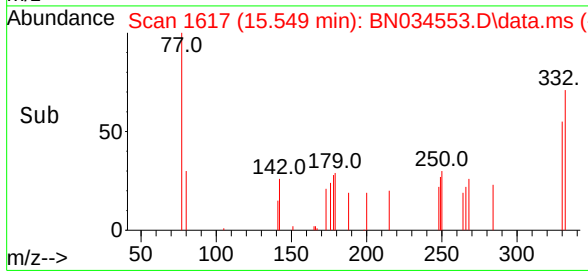
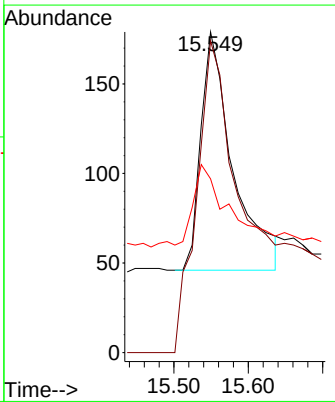
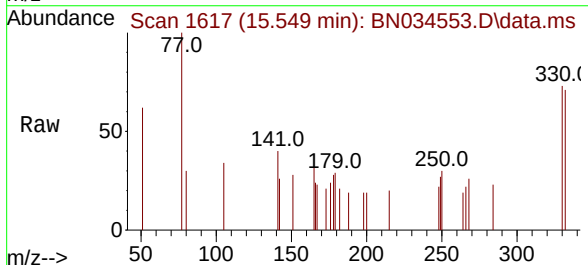
Instrument :
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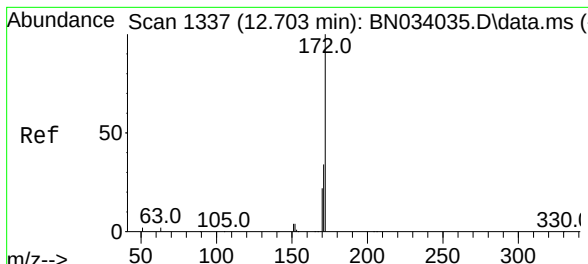
Tgt Ion:	164	Resp:	6303
Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.2	126.2
160	49.6	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.139 ng
 RT: 15.549 min Scan# 1617
 Delta R.T. 0.012 min
 Lab File: BN034553.D
 Acq: 11 Oct 2024 13:59

Tgt Ion:	330	Resp:	396
Ion	Ratio	Lower	Upper
330	100		
332	185.6	77.4	116.0#
141	38.4	35.9	53.9

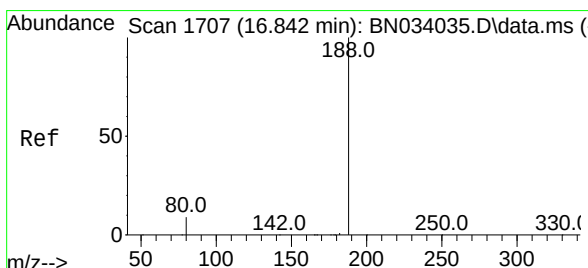
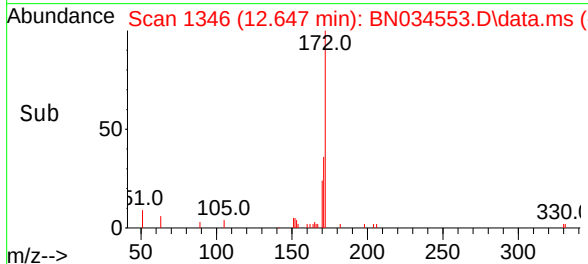
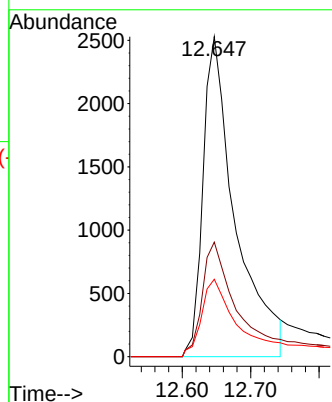
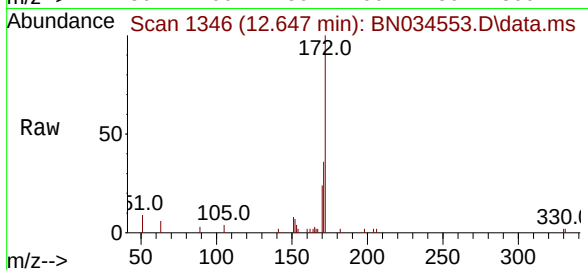




#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.647 min Scan# 1346
Delta R.T. 0.011 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

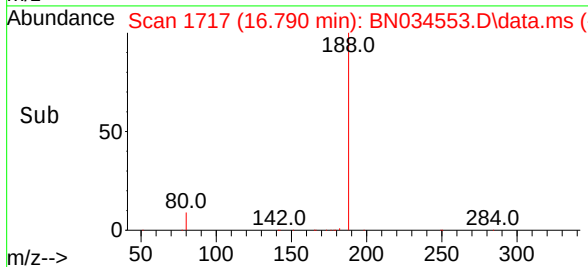
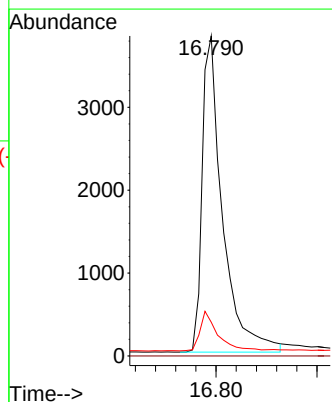
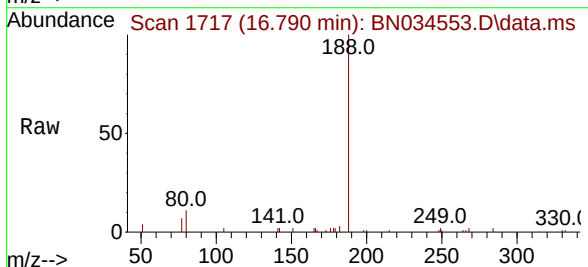
Instrument :
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ClientSampleId :
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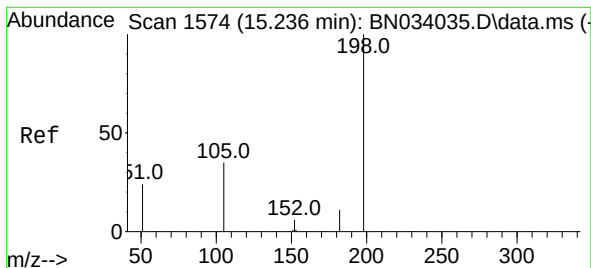
Tgt Ion:	172	Resp:	7594
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.3	40.9
170	24.2	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. 0.012 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:	188	Resp:	10680
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.6	7.4	11.0

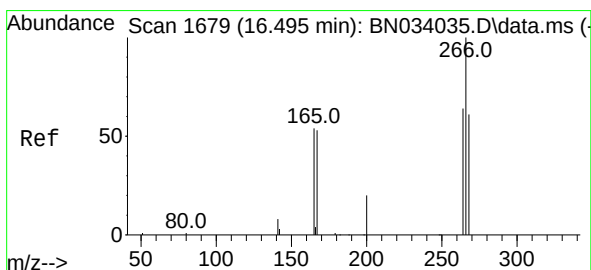
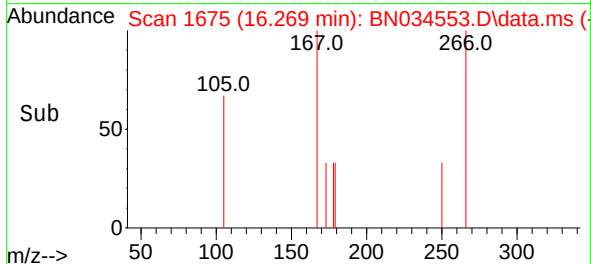
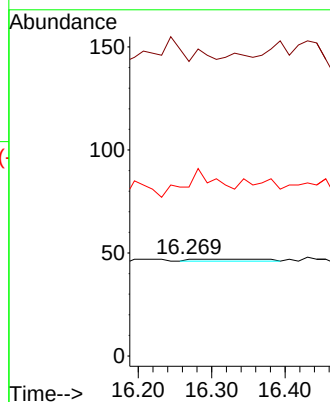
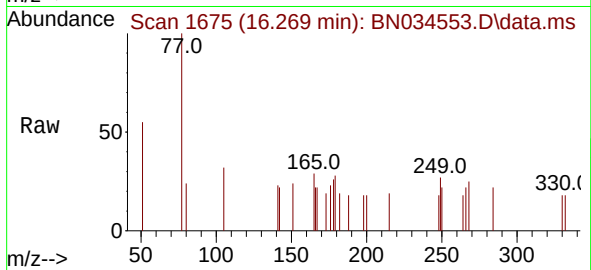




#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.269 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

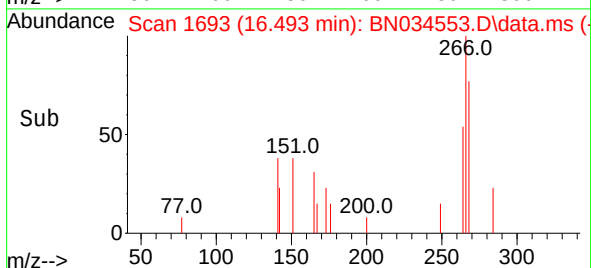
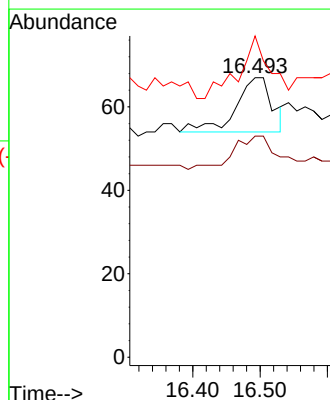
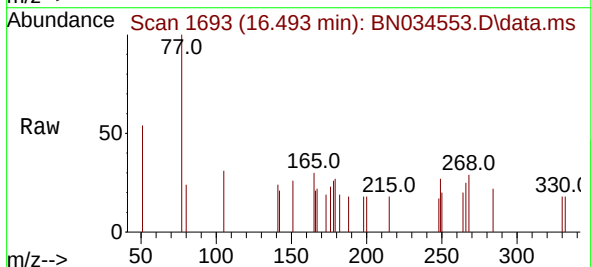
Instrument :
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PB163903BL

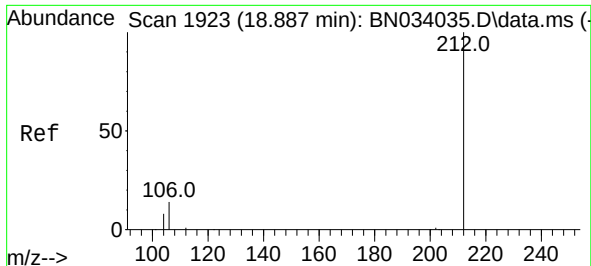
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 304.3 106.4 159.6#
105 174.5 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.493 min Scan# 1693
Delta R.T. 0.050 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:266 Resp: 49
Ion Ratio Lower Upper
266 100
264 73.5 50.2 75.2
268 98.0 51.0 76.4#

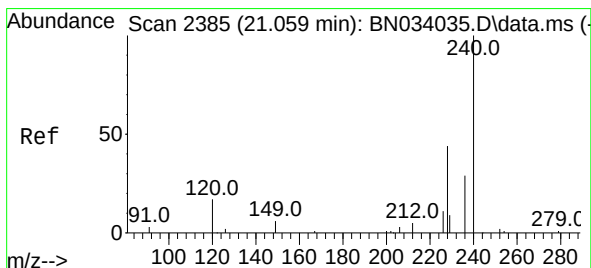
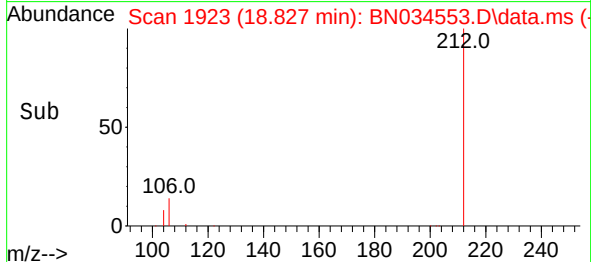
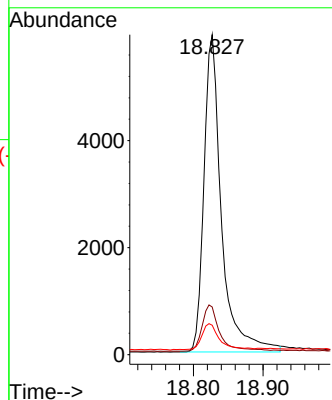
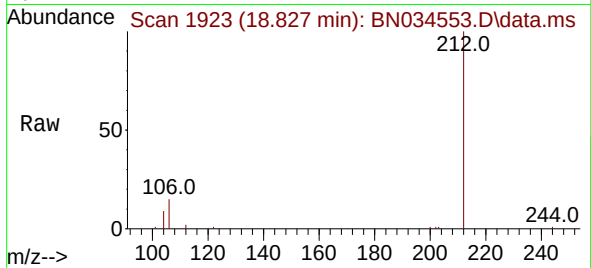




#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.827 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

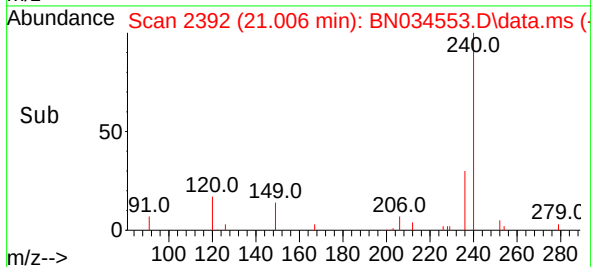
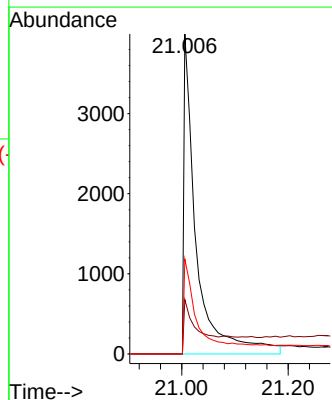
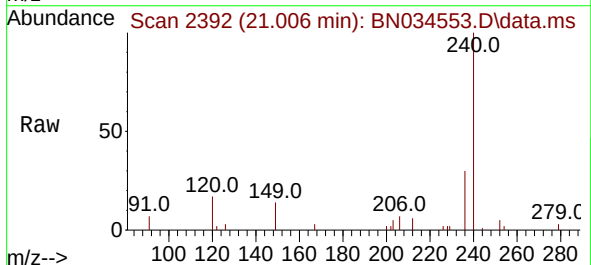
Instrument :
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PB163903BL

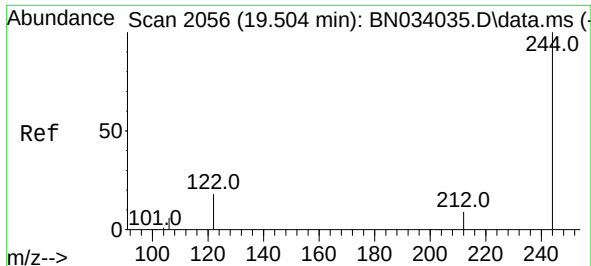
Tgt Ion:212 Resp: 10366
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 8.7 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:240 Resp: 6687
Ion Ratio Lower Upper
240 100
120 17.0 13.5 20.3
236 29.7 23.4 35.0

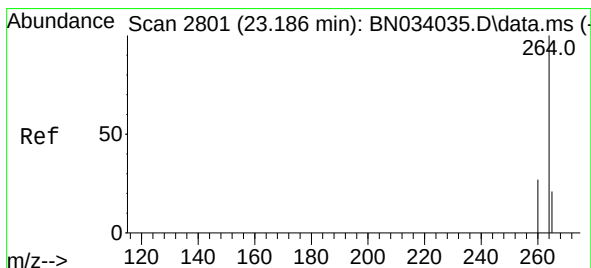
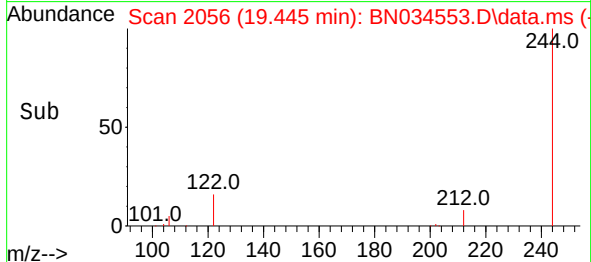
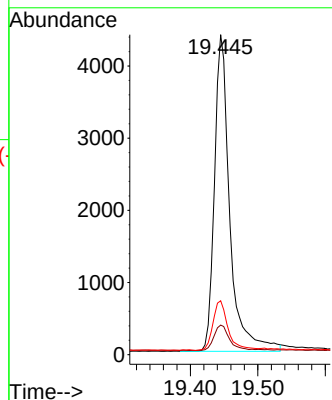
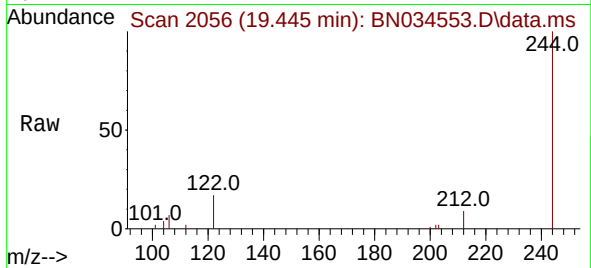




#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.445 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Instrument :
BNA_N
ClientSampleId :
PB163903BL

Tgt Ion:244 Resp: 6932
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 16.9 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.111 min Scan# 2788
Delta R.T. -0.003 min
Lab File: BN034553.D
Acq: 11 Oct 2024 13:59

Tgt Ion:264 Resp: 10014
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 86.1 52.1 78.1#

