

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
 Data File : BN034713.D
 Acq On : 25 Oct 2024 04:14
 Operator : RC/JU
 Sample : P4438-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

Quant Time: Oct 25 05:17:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:17:02 2024
 Response via : Initial Calibration

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

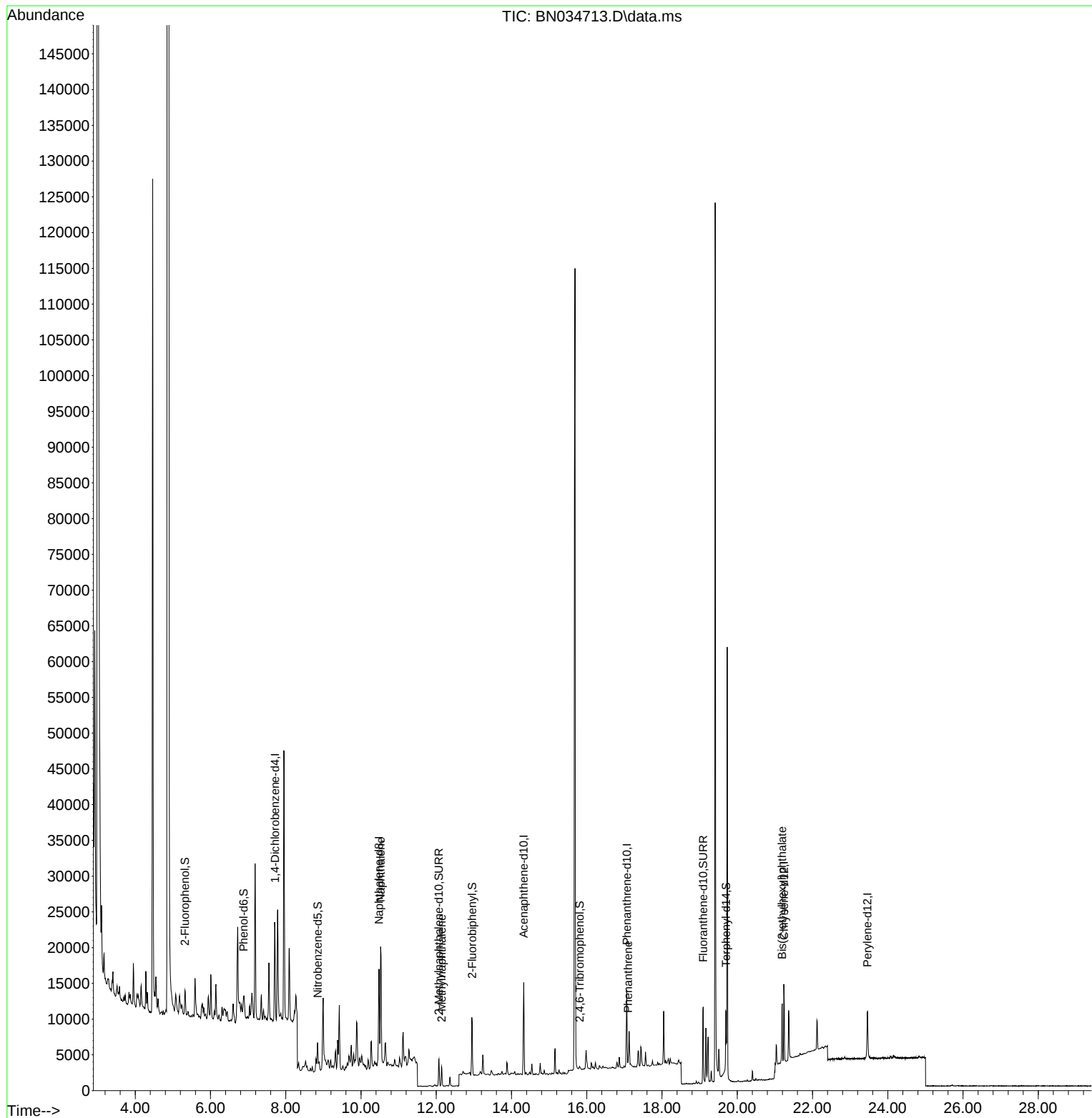
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5389	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	15449	0.400	ng	0.00
13) Acenaphthene-d10	14.325	164	6955	0.400	ng	0.00
19) Phenanthrene-d10	17.064	188	13023	0.400	ng	# 0.00
29) Chrysene-d12	21.239	240	8752	0.400	ng	#-0.01
35) Perylene-d12	23.459	264	8544	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	1707	0.107	ng	0.00
5) Phenol-d6	6.882	99	1903	0.090	ng	0.00
8) Nitrobenzene-d5	8.846	82	3138	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	4839	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.810	330	203	0.094	ng	0.00
15) 2-Fluorobiphenyl	12.957	172	6689	0.242	ng	0.00
27) Fluoranthene-d10	19.092	212	10241	0.349	ng	0.00
31) Terphenyl-d14	19.701	244	6074	0.340	ng	0.00
Target Compounds						
9) Naphthalene	10.522	128	18222	0.426	ng	Qvalue 98
12) 2-Methylnaphthalene	12.143	142	1805	0.068	ng	# 92
25) Phenanthrene	17.101	178	1214	0.031	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.194	149	8652	0.456	ng	# 98

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

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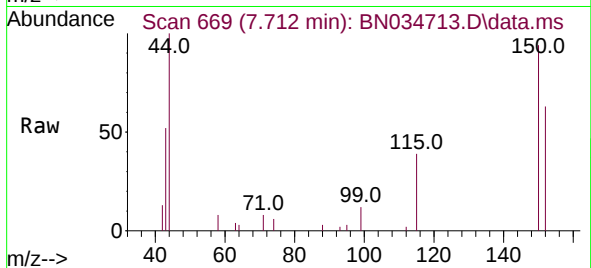
Quant Time: Oct 25 05:17:18 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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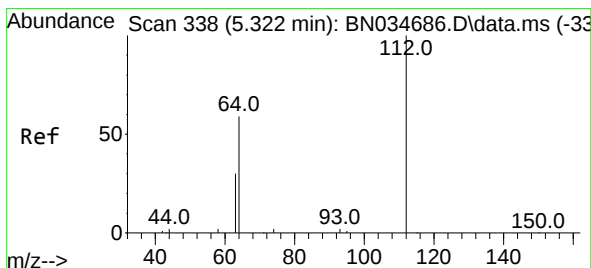
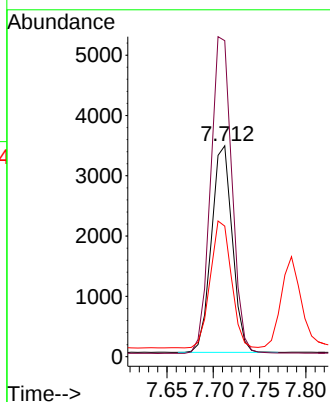
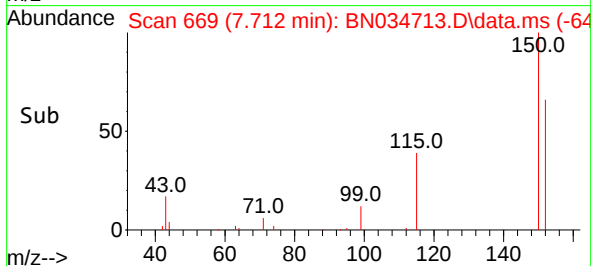


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

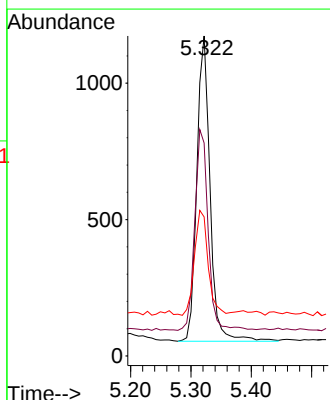
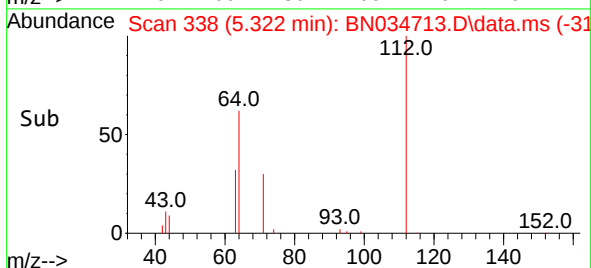
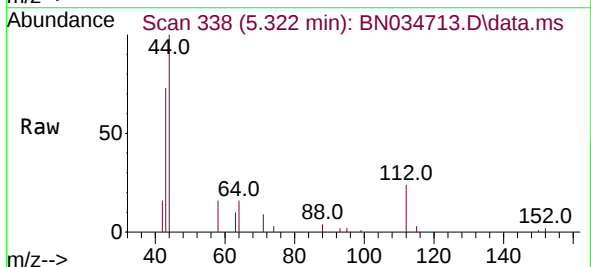


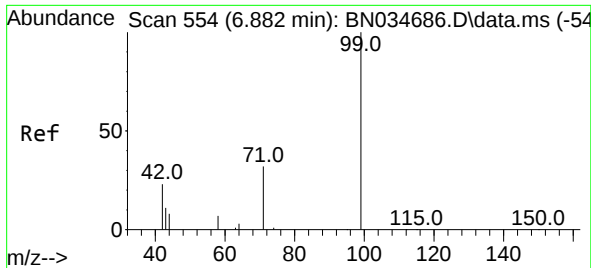
Tgt Ion:152 Resp: 5389
Ion Ratio Lower Upper
152 100
150 149.9 122.7 184.1
115 61.9 51.0 76.6



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:112 Resp: 1707
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 35.6 27.6 41.4

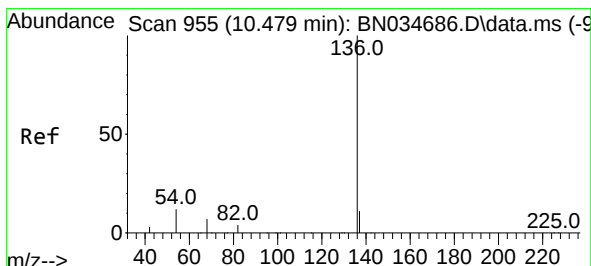
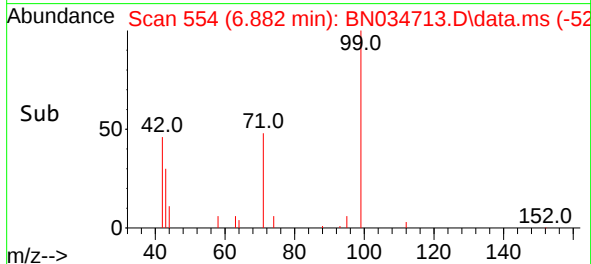
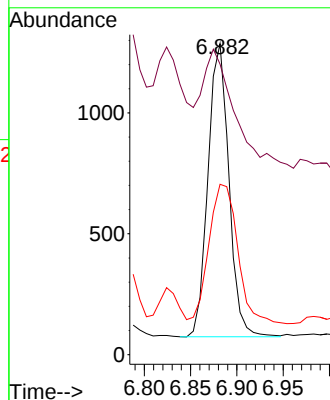
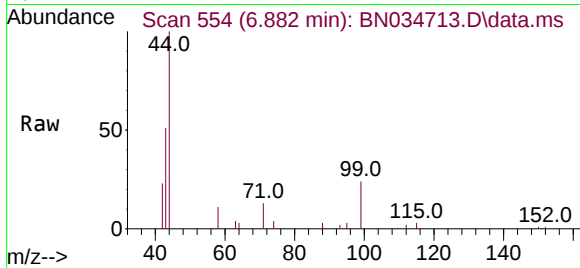




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.882 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

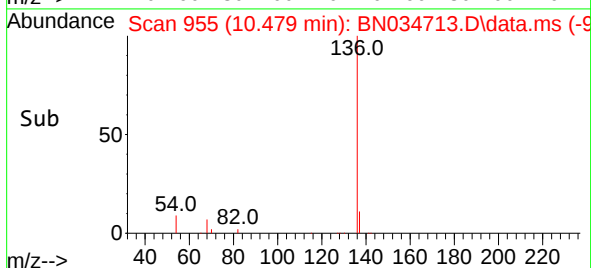
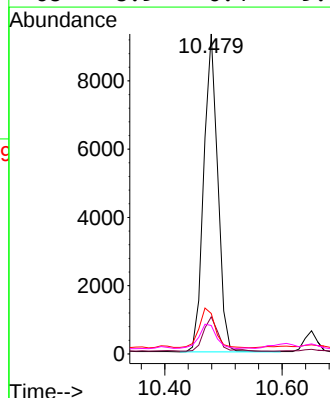
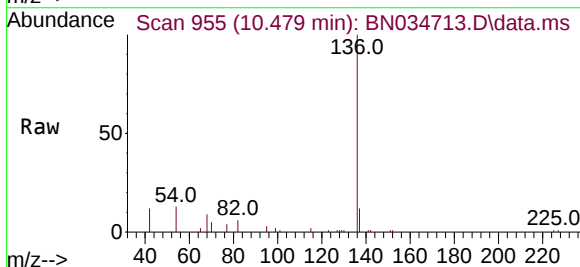
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

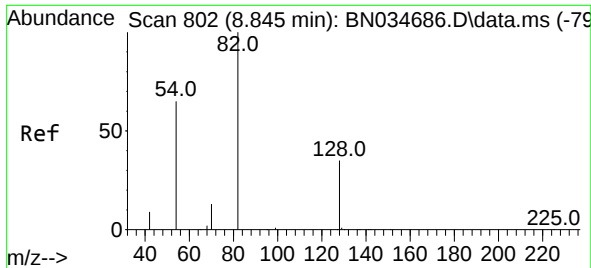
Tgt Ion: 99 Resp: 1903
Ion Ratio Lower Upper
99 100
42 63.0 21.8 32.8#
71 65.6 26.6 40.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 955
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:136 Resp: 15449
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 12.7 9.8 14.8
68 8.9 6.4 9.6

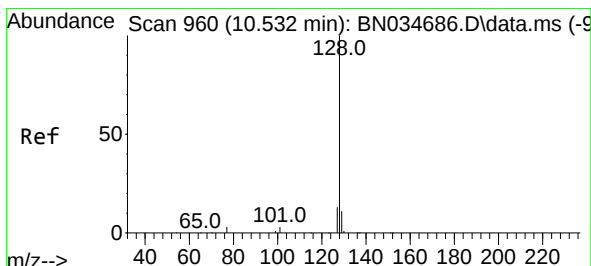
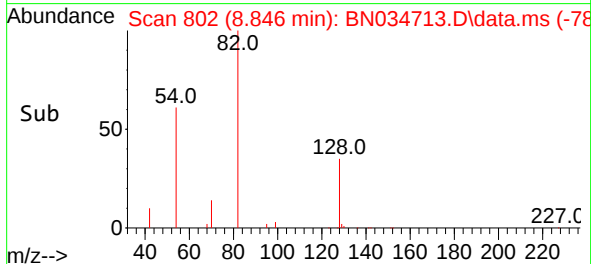
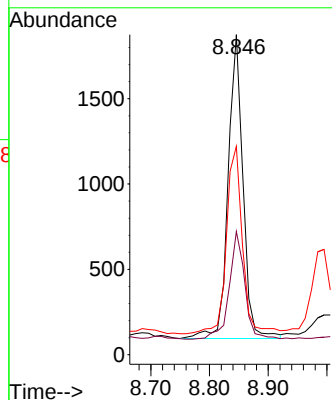
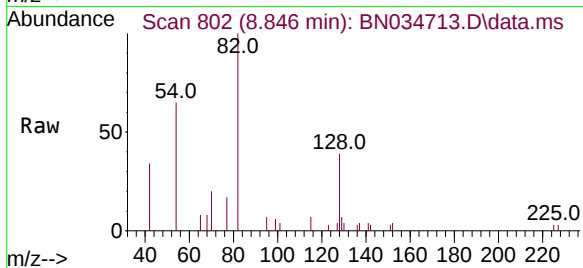




#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.846 min Scan# 80
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

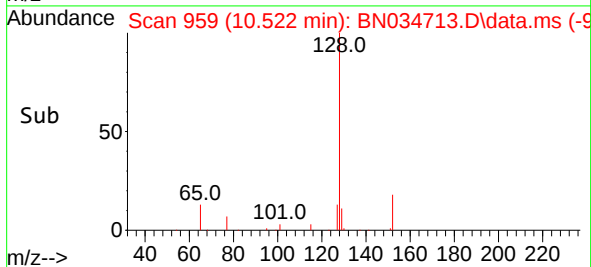
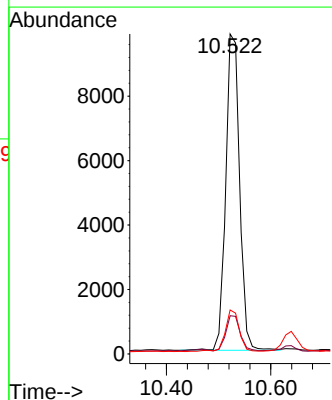
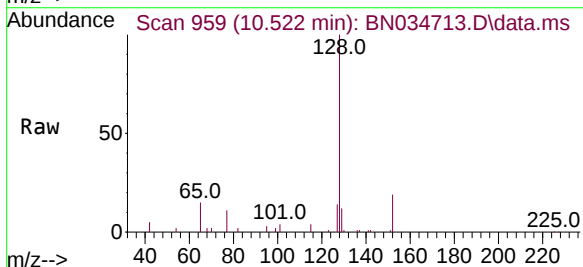
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

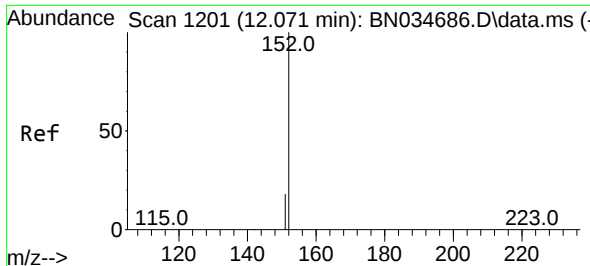
Tgt Ion: 82 Resp: 3138
Ion Ratio Lower Upper
82 100
128 38.5 29.7 44.5
54 65.1 53.0 79.6



#9
Naphthalene
Concen: 0.426 ng
RT: 10.522 min Scan# 959
Delta R.T. -0.010 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion: 128 Resp: 18222
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.8 10.5 15.7

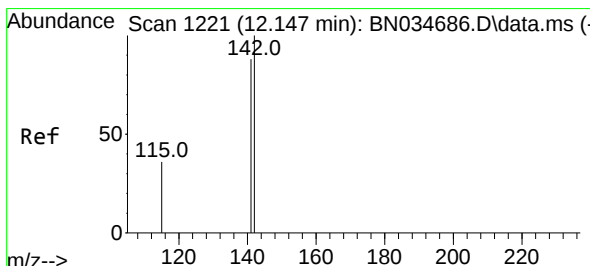
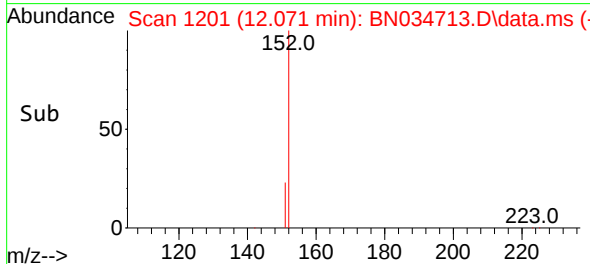
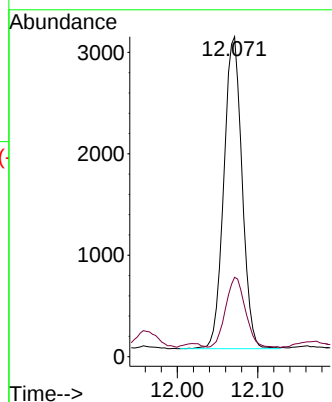
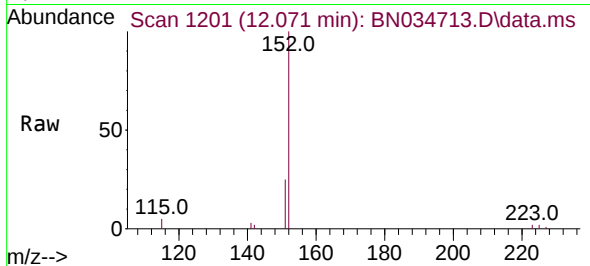




#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

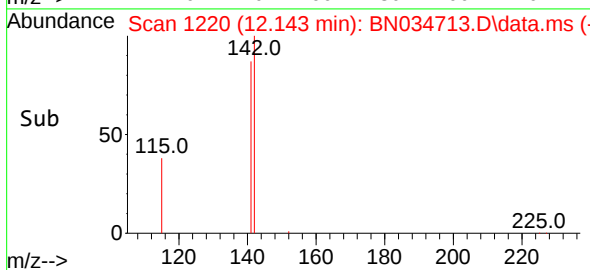
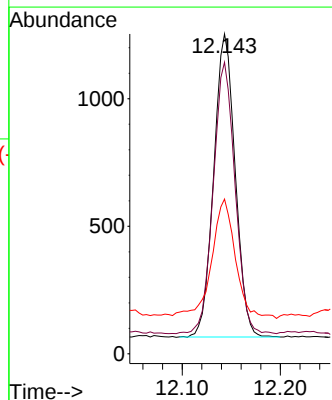
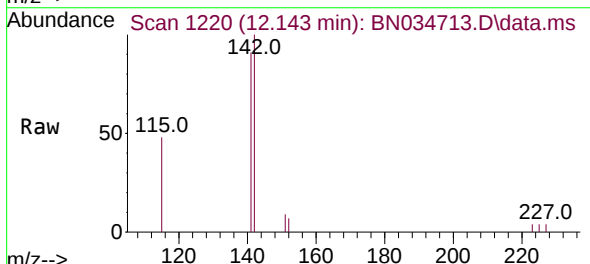
Instrument :
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ClientSampleId :
BP-VPB-190-GW-58-60

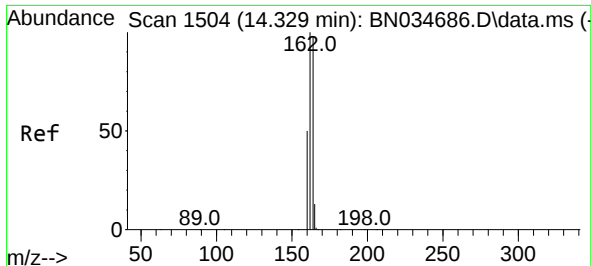
Tgt Ion:152 Resp: 4839
Ion Ratio Lower Upper
152 100
151 24.3 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.068 ng
RT: 12.143 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:142 Resp: 1805
Ion Ratio Lower Upper
142 100
141 91.1 70.4 105.6
115 48.4 29.8 44.6#

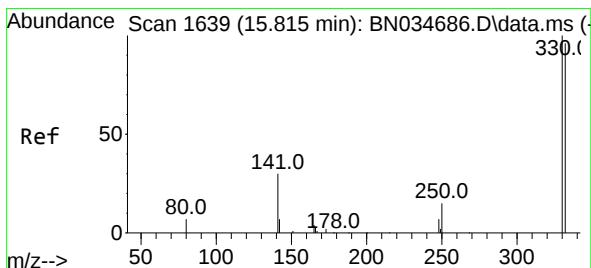
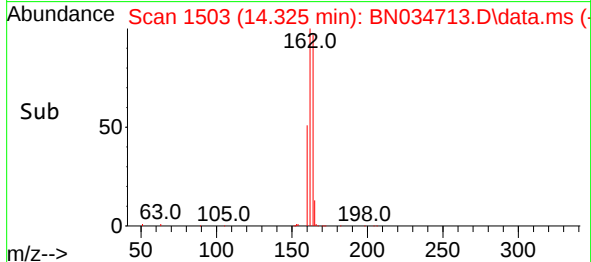
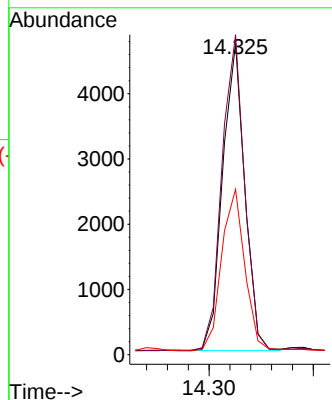
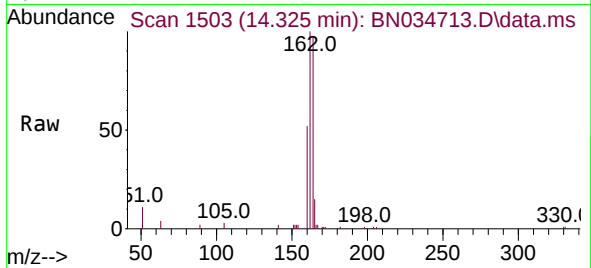




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.325 min Scan# 1504
 Delta R.T. -0.004 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

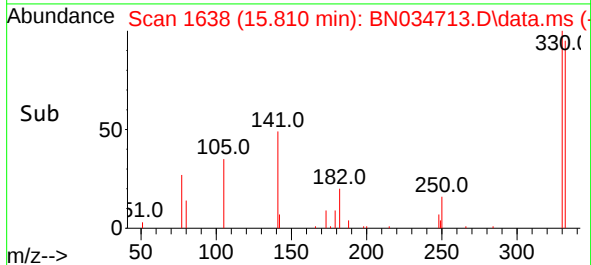
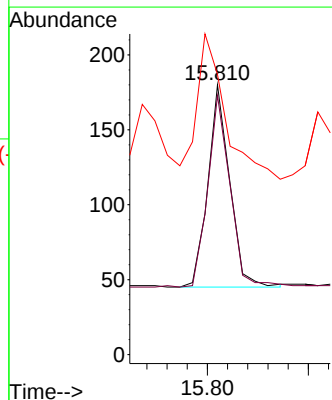
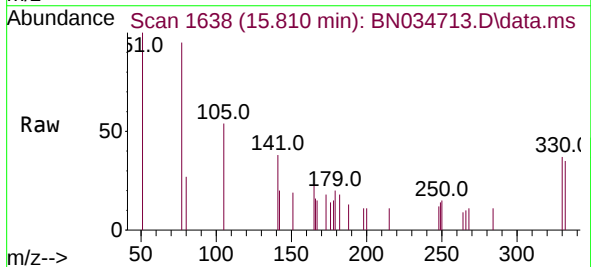
Instrument :
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 ClientSampleId :
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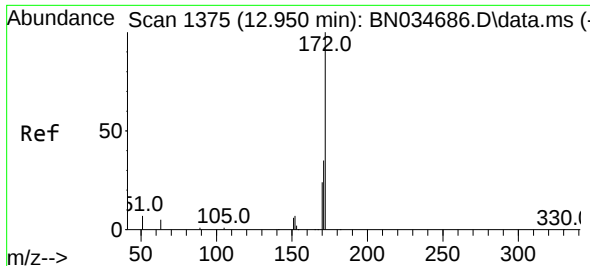
Tgt Ion:164 Resp: 6955
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.0
 160 53.1 40.6 61.0



#14
 2,4,6-Tribromophenol
 Concen: 0.094 ng
 RT: 15.810 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Tgt Ion:330 Resp: 203
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 91.6 54.6 81.8#

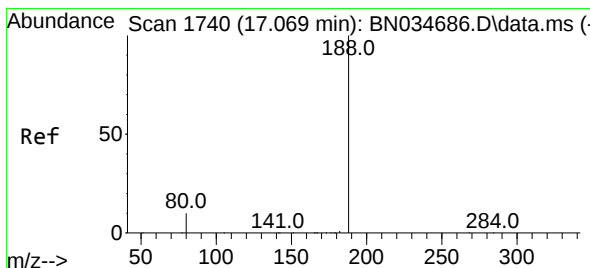
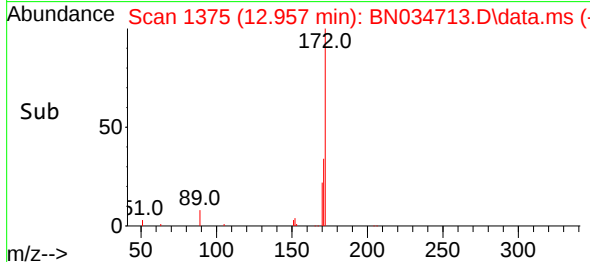
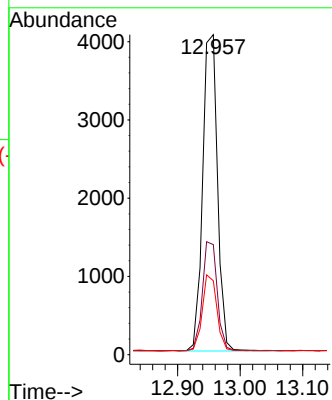
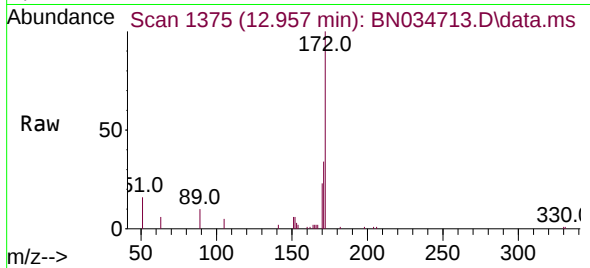




#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 12.957 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

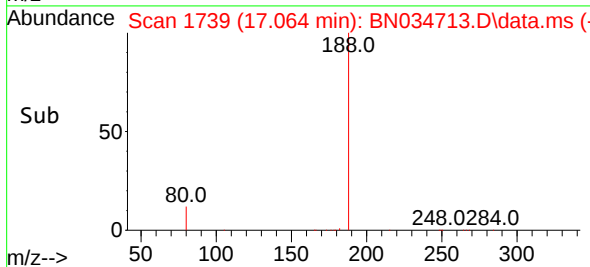
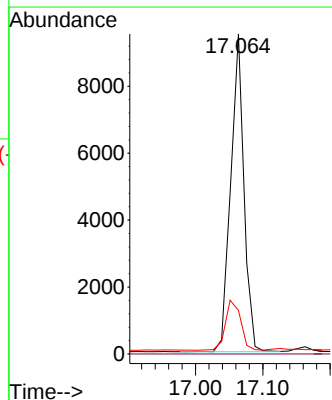
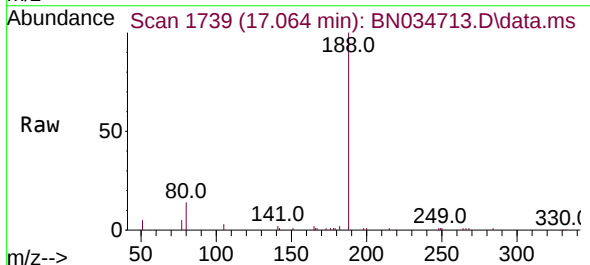
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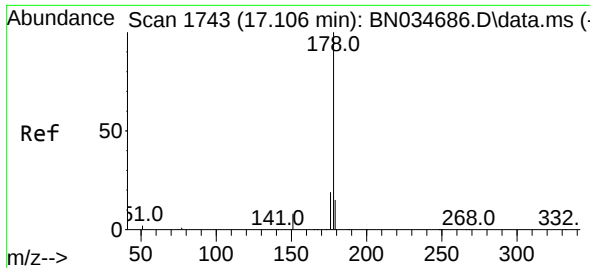
Tgt Ion:	172	Resp:	6689
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	23.1	19.8	29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.064 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:	188	Resp:	13023
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	8.9	13.3

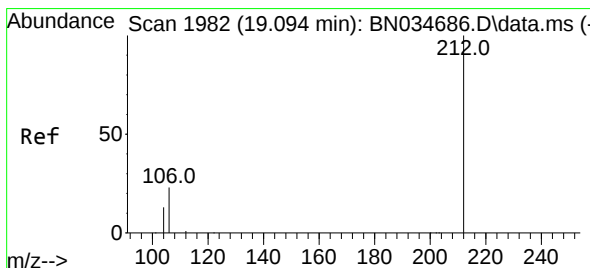
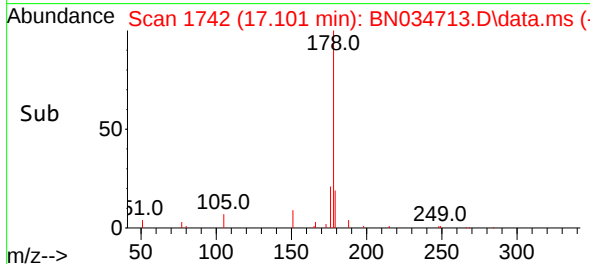
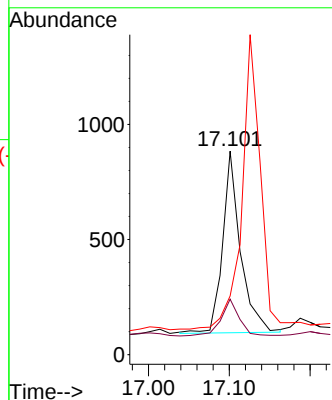
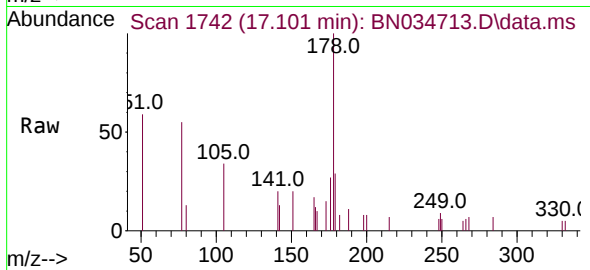




#25
Phenanthrene
Concen: 0.031 ng
RT: 17.101 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

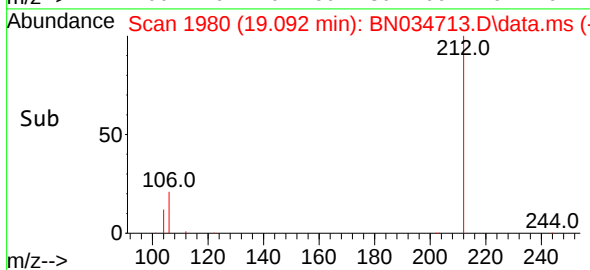
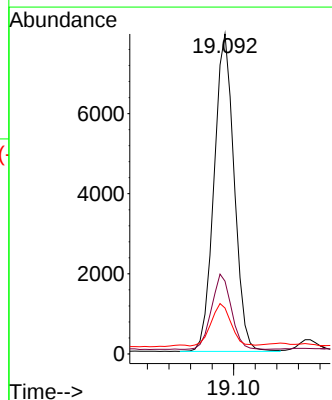
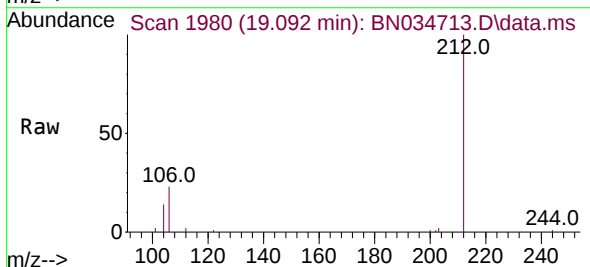
Instrument :
BNA_N
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BP-VPB-190-GW-58-60

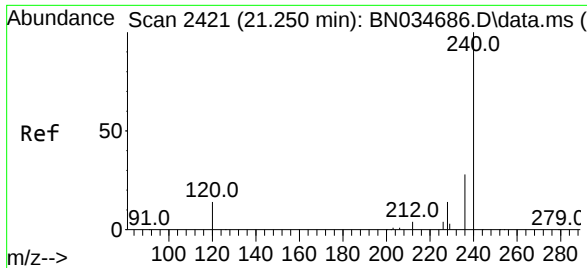
Tgt Ion:178 Resp: 1214
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 0.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.092 min Scan# 1980
Delta R.T. -0.002 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:212 Resp: 10241
Ion Ratio Lower Upper
212 100
106 23.2 17.8 26.8
104 13.3 10.2 15.4

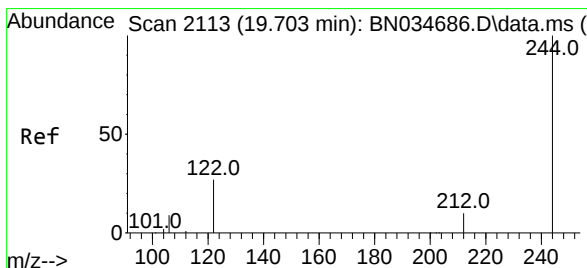
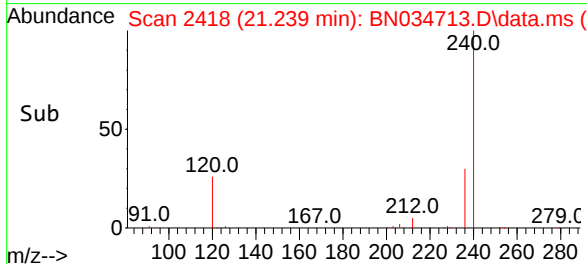
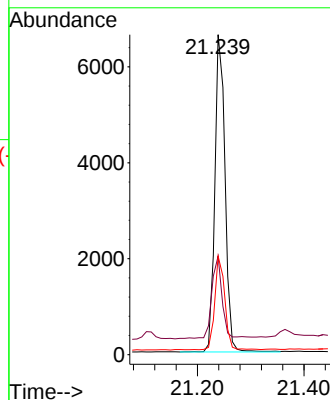
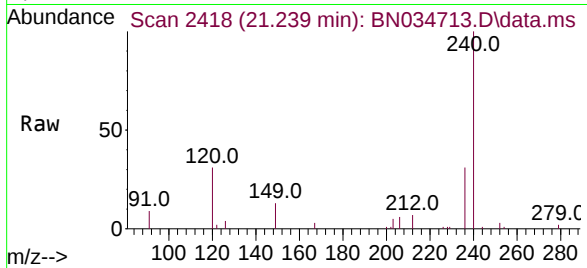




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.239 min Scan# 2418
Delta R.T. -0.011 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

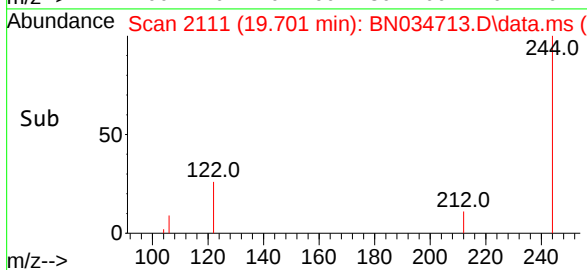
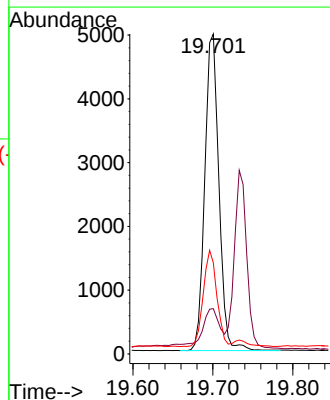
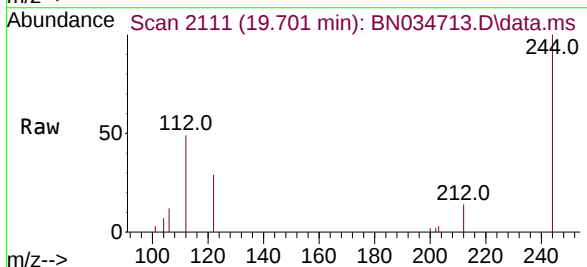
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

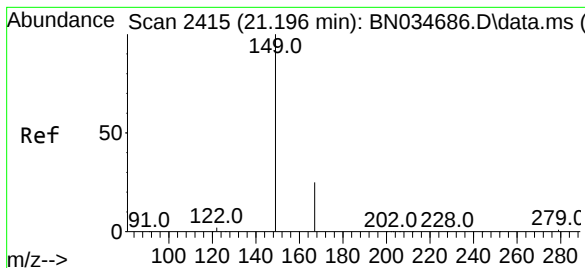
Tgt Ion:240 Resp: 8752
Ion Ratio Lower Upper
240 100
120 30.8 14.2 21.2#
236 30.8 23.1 34.7



#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.701 min Scan# 2111
Delta R.T. -0.002 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:244 Resp: 6074
Ion Ratio Lower Upper
244 100
212 14.1 8.6 13.0#
122 28.5 22.3 33.5

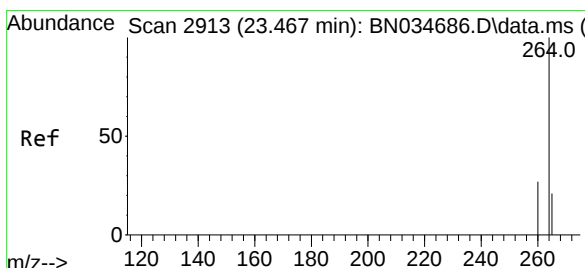
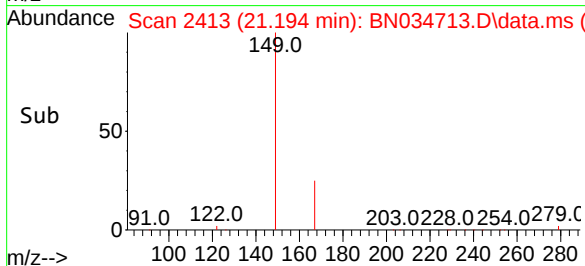
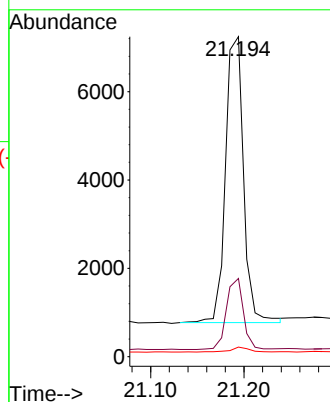
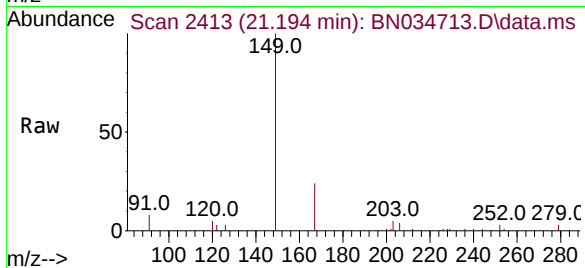




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.456 ng
 RT: 21.194 min Scan# 2415
 Delta R.T. -0.002 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

Tgt Ion:149 Resp: 8652
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.7 29.5
 279 1.7 1.8 2.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.459 min Scan# 2909
 Delta R.T. -0.008 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Tgt Ion:264 Resp: 8544
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.9 32.9
 265 77.6 60.6 91.0

