

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034313.D
 Acq On : 01 Oct 2024 22:27
 Operator : RC/JU
 Sample : P4019-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC68

Quant Time: Oct 02 00:19:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

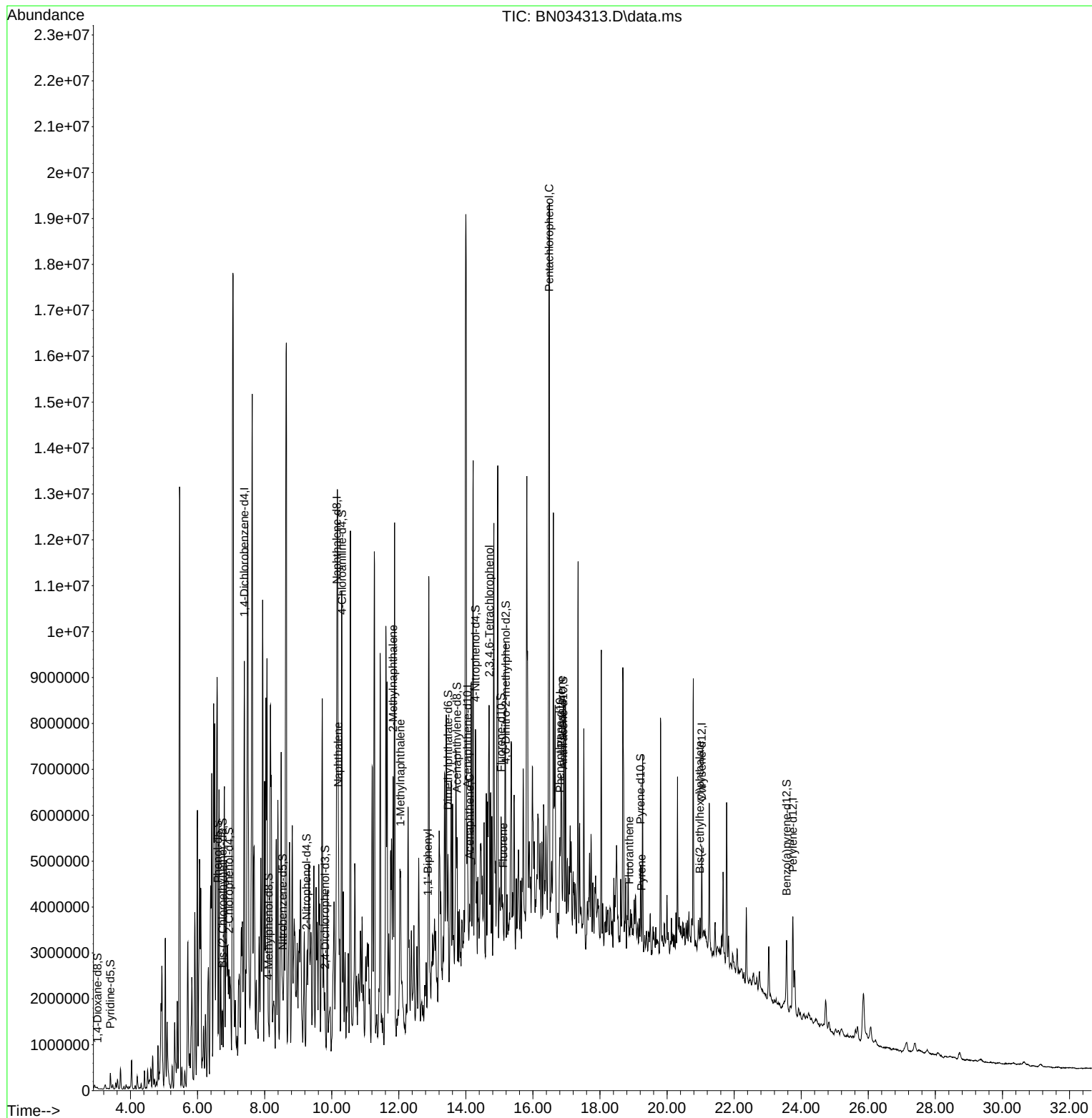
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	204455	20.000	ng/u1	0.00
20) Naphthalene-d8	10.152	136	797424	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.045	164	549824	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.804	188	1079902	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1081858	20.000	ng/u1	0.00
88) Perylene-d12	23.751	264	1326001	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	15880	3.169	ng/uL	0.01
4) Pyridine-d5	3.399	84	204800	13.752	ng/u1	0.01
7) Phenol-d5	6.599	99	298862	16.470	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	234654	20.843	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	227301	15.914	ng/u1	0.01
15) 4-Methylphenol-d8	8.116	113	223519	14.971	ng/u1	0.01
21) Nitrobenzene-d5	8.540	128	129057	20.305	ng/u1	0.01
24) 2-Nitrophenol-d4	9.252	143	104556	15.997	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.805	165	206240	16.755	ng/u1	0.03
31) 4-Chloroaniline-d4	10.304	131	243998	13.094	ng/u1	0.01
46) Dimethylphthalate-d6	13.469	166	686851	16.716	ng/u1	0.00
49) Acenaphthylene-d8	13.734	160	811802	17.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.293	143	91161	10.810	ng/u1	0.02
60) Fluorene-d10	15.051	176	616251	17.696	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.187	200	27961	4.343	ng/u1	0.01
73) Anthracene-d10	16.904	188	940320	18.521	ng/u1	0.00
81) Pyrene-d10	19.210	212	1099055	18.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	1233697	18.112	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.199	128	1543660	35.390	ng/u1	97
36) 2-Methylnaphthalene	11.828	142	2573408	85.651	ng/u1	100
37) 1-Methylnaphthalene	12.051	142	1575472	51.803	ng/u1	97
43) 1,1'-Biphenyl	12.869	154	319287	7.703	ng/u1	93
52) Acenaphthene	14.110	153	63085	1.747	ng/u1#	85
58) 2,3,4,6-Tetrachlorophenol	14.698	232	724460	75.532	ng/u1#	93
61) Fluorene	15.110	166	232362	5.752	ng/u1#	93
71) Pentachlorophenol	16.487	266	4416377	520.978	ng/u1	98
72) Phenanthrene	16.851	178	1141257	19.166	ng/u1#	95
80) Fluoranthene	18.875	202	125677	1.783	ng/u1#	82
82) Pyrene	19.239	202	131134	1.731	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	155631	3.130	ng/u1#	85

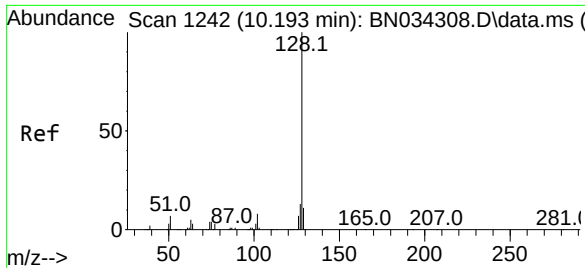
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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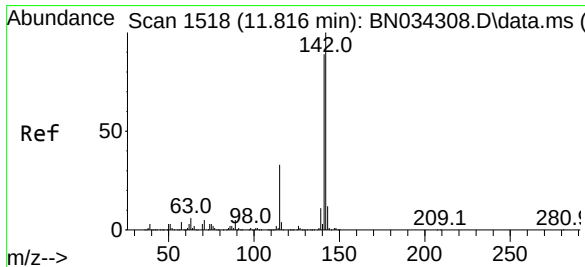
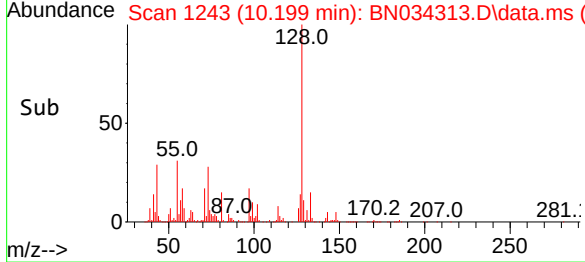
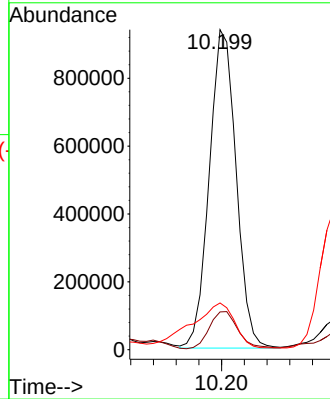
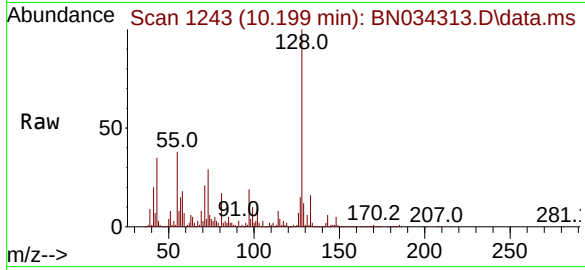




#30
Naphthalene
Concen: 35.390 ng/ul
RT: 10.199 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034313.D
Acq: 01 Oct 2024 22:27

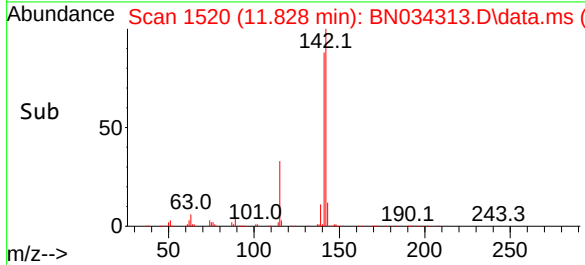
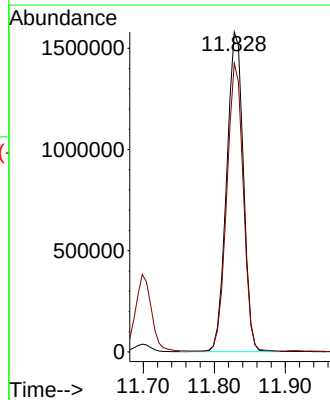
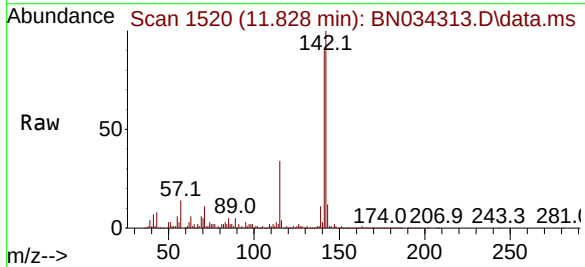
Instrument :
BNA_N
ClientSampleId :
DDC68

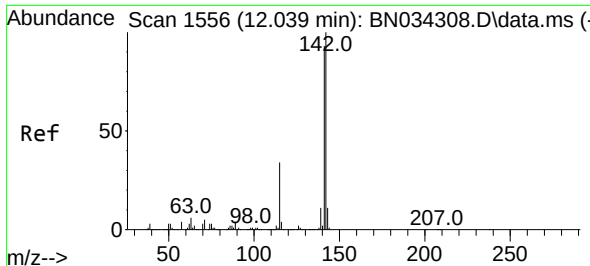
Tgt Ion:128 Resp: 1543660
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 14.6 10.6 16.0



#36
2-Methylnaphthalene
Concen: 85.651 ng/ul
RT: 11.828 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BN034313.D
Acq: 01 Oct 2024 22:27

Tgt Ion:142 Resp: 2573408
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2

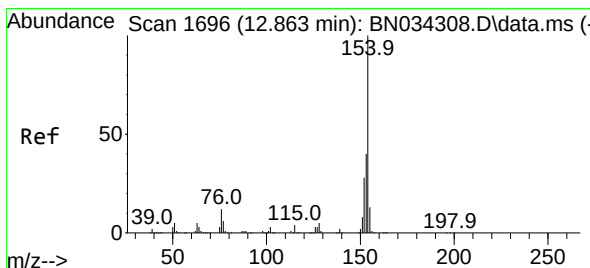
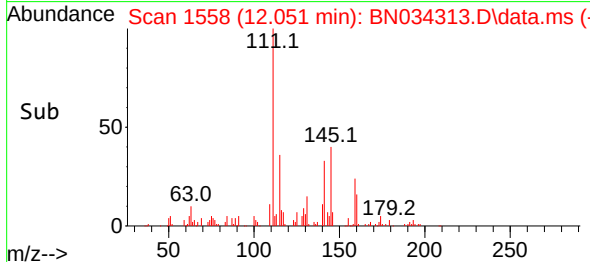
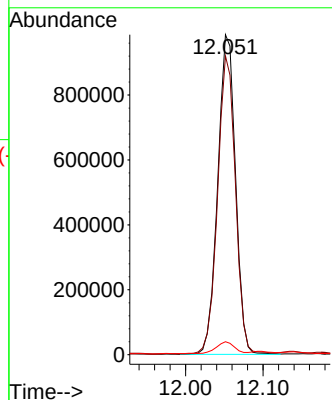
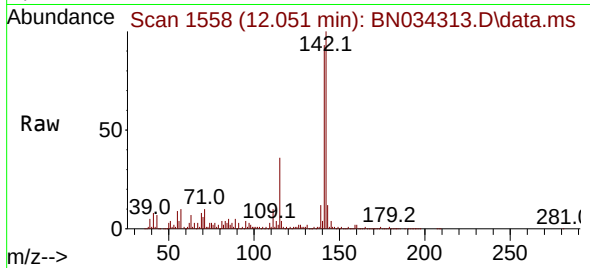




#37
1-Methylnaphthalene
Concen: 51.803 ng/ul
RT: 12.051 min Scan# 1558
Delta R.T. 0.012 min
Lab File: BN034313.D
Acq: 01 Oct 2024 22:27

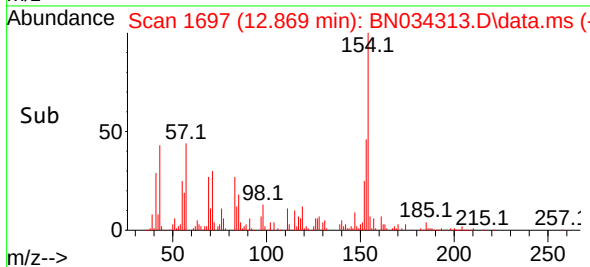
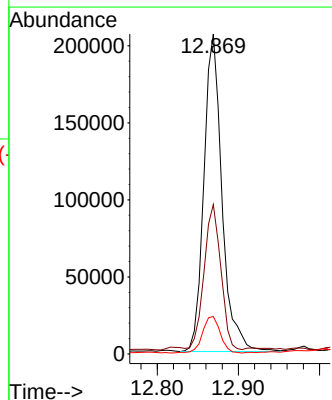
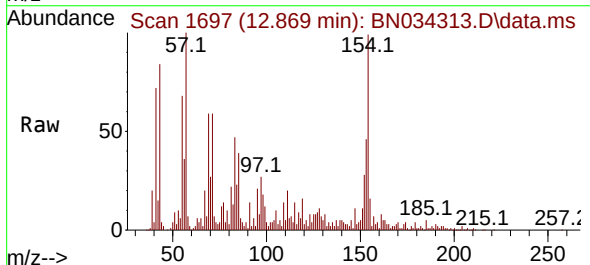
Instrument :
BNA_N
ClientSampleId :
DDC68

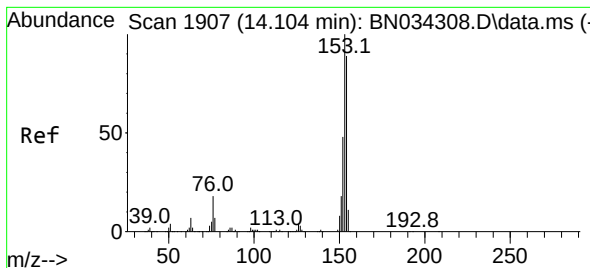
Tgt Ion:142 Resp: 1575472
Ion Ratio Lower Upper
142 100
141 93.4 72.5 108.7
116 4.0 3.2 4.8



#43
1,1'-Biphenyl
Concen: 7.703 ng/ul
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BN034313.D
Acq: 01 Oct 2024 22:27

Tgt Ion:154 Resp: 319287
Ion Ratio Lower Upper
154 100
153 46.7 33.3 49.9
76 11.7 10.2 15.4





#52

Acenaphthene

Concen: 1.747 ng/ul

RT: 14.110 min Scan# 1907

Delta R.T. 0.006 min

Lab File: BN034313.D

Acq: 01 Oct 2024 22:27

Instrument :

BNA_N

ClientSampleId :

DDC68

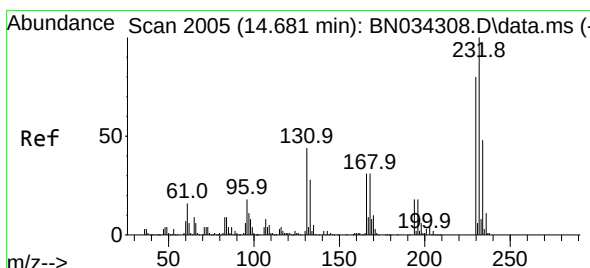
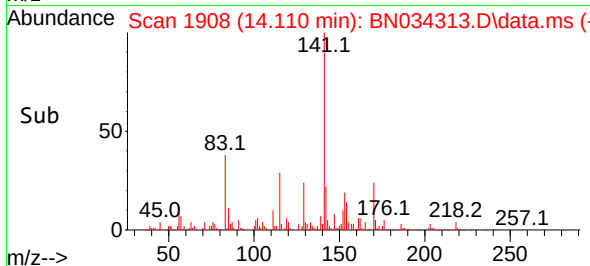
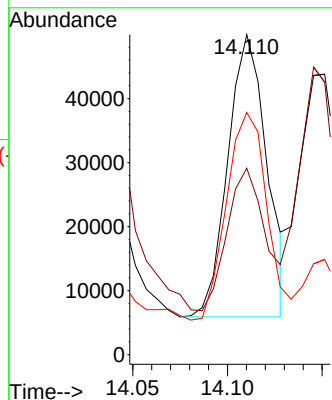
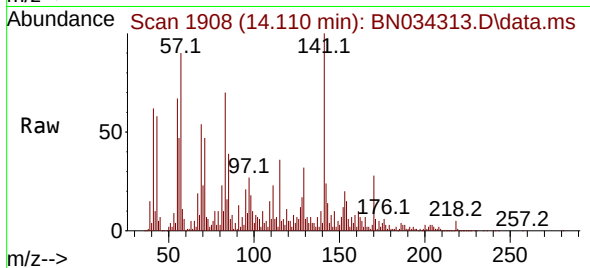
Tgt Ion:153 Resp: 63085

Ion Ratio Lower Upper

153 100

152 58.2 37.8 56.8#

154 75.7 71.2 106.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 75.532 ng/ul

RT: 14.698 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BN034313.D

Acq: 01 Oct 2024 22:27

Tgt Ion:232 Resp: 724460

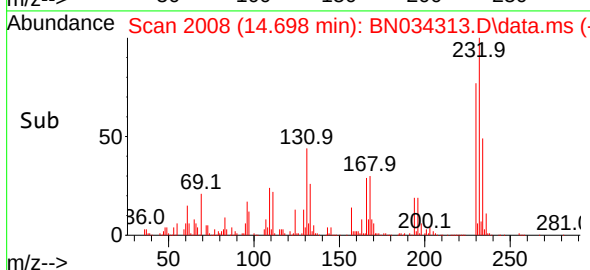
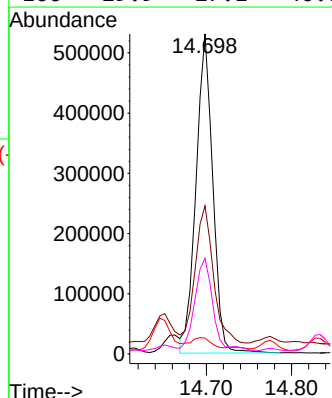
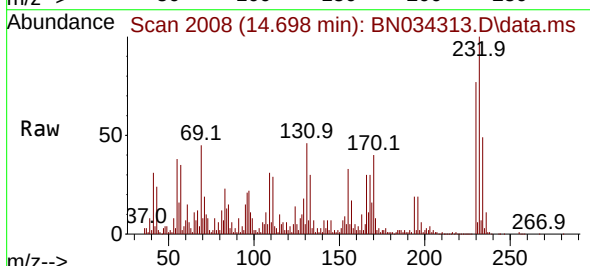
Ion Ratio Lower Upper

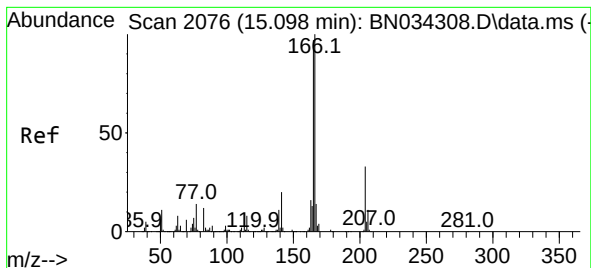
232 100

131 46.3 41.0 61.6

130 4.9 2.2 3.2#

166 29.9 27.1 40.7





#61

Fluorene

Concen: 5.752 ng/ul

RT: 15.110 min Scan# 2076

Delta R.T. 0.012 min

Lab File: BN034313.D

Acq: 01 Oct 2024 22:27

Instrument :

BNA_N

ClientSampleId :

DDC68

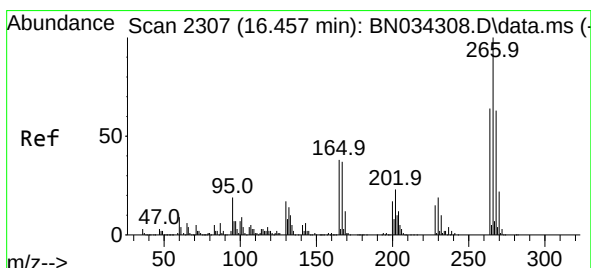
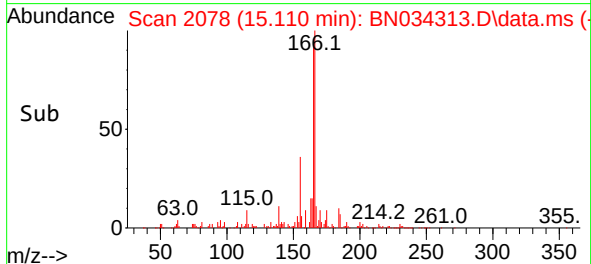
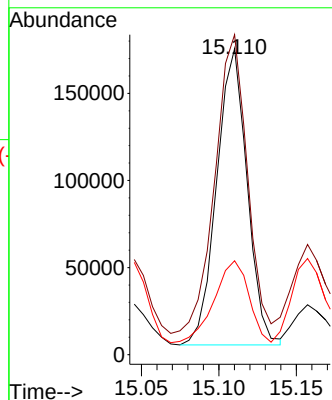
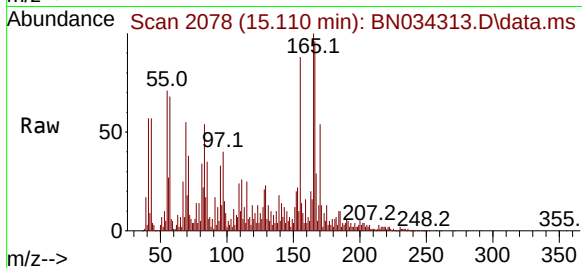
Tgt Ion:166 Resp: 232362

Ion Ratio Lower Upper

166 100

165 104.6 81.9 122.9

167 30.7 10.9 16.3#



#71

Pentachlorophenol

Concen: 520.978 ng/ul

RT: 16.487 min Scan# 2312

Delta R.T. 0.029 min

Lab File: BN034313.D

Acq: 01 Oct 2024 22:27

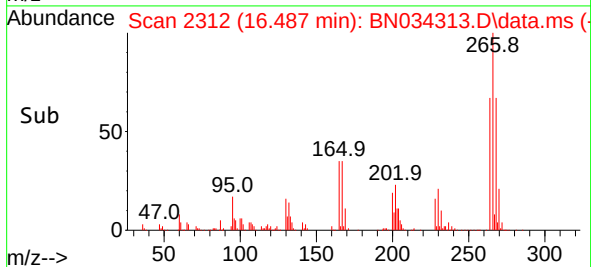
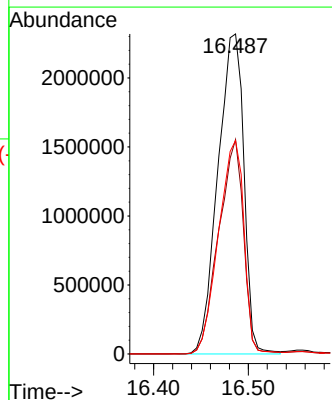
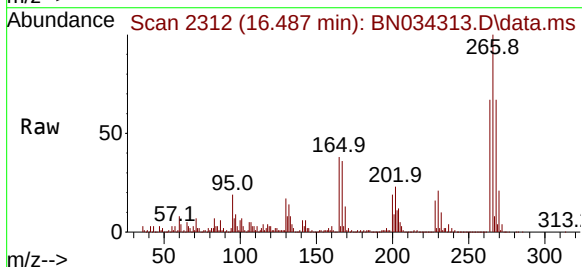
Tgt Ion:266 Resp: 4416377

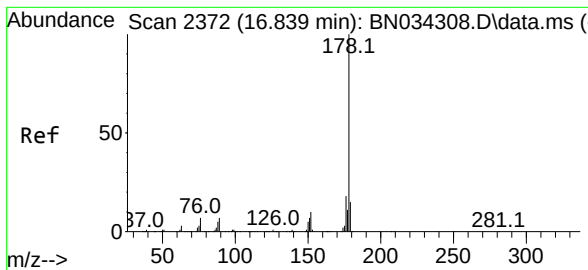
Ion Ratio Lower Upper

266 100

264 67.0 51.1 76.7

268 66.7 52.8 79.2



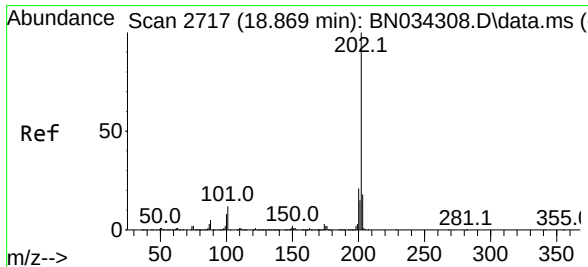
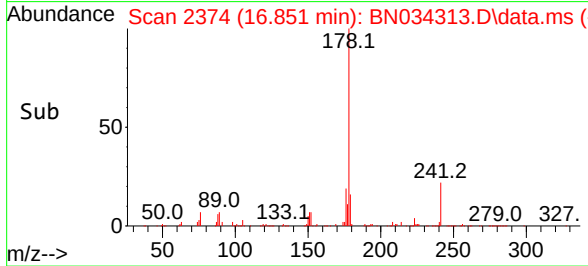
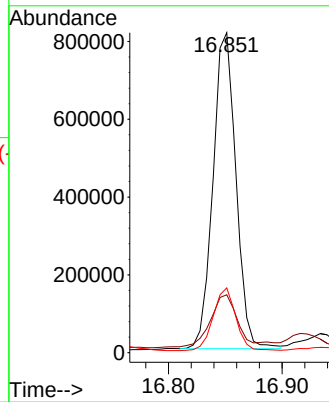
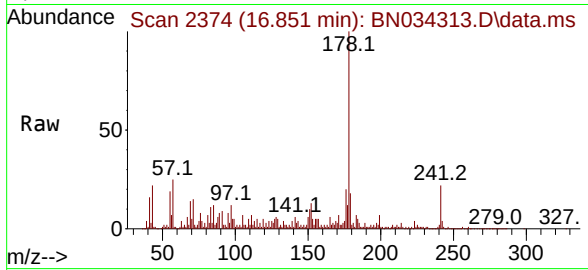


#72
 Phenanthrene
 Concen: 19.166 ng/ul
 RT: 16.851 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: BN034313.D
 Acq: 01 Oct 2024 22:27

Instrument :
 BNA_N
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 DDC68

Tgt Ion:178 Resp: 1141257

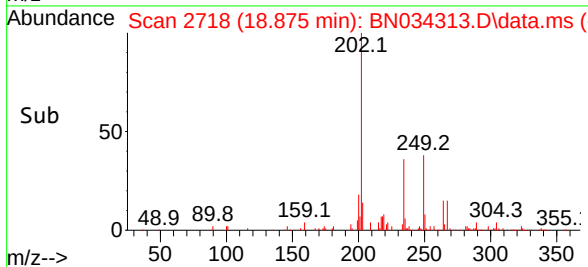
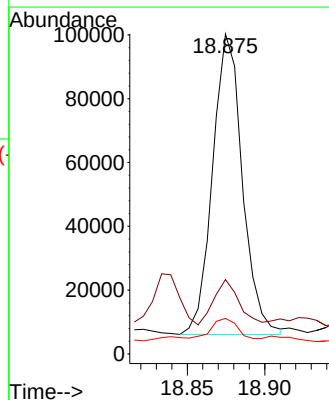
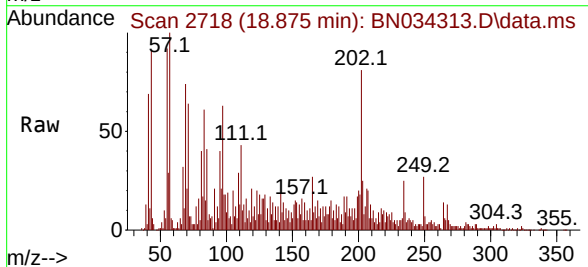
Ion	Ratio	Lower	Upper
178	100		
179	18.1	11.9	17.9#
176	20.3	15.2	22.8

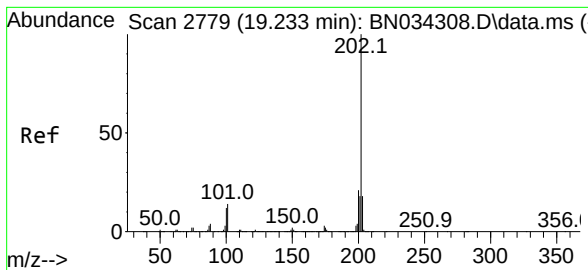


#80
 Fluoranthene
 Concen: 1.783 ng/ul
 RT: 18.875 min Scan# 2718
 Delta R.T. 0.006 min
 Lab File: BN034313.D
 Acq: 01 Oct 2024 22:27

Tgt Ion:202 Resp: 125677

Ion	Ratio	Lower	Upper
202	100		
101	23.3	9.6	14.4#
100	11.1	7.7	11.5

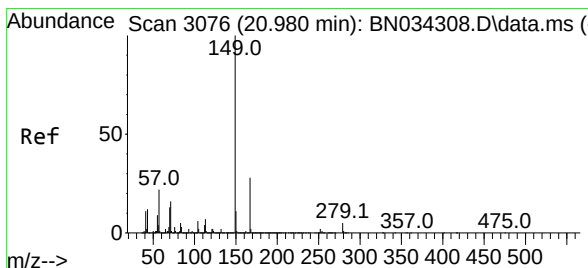
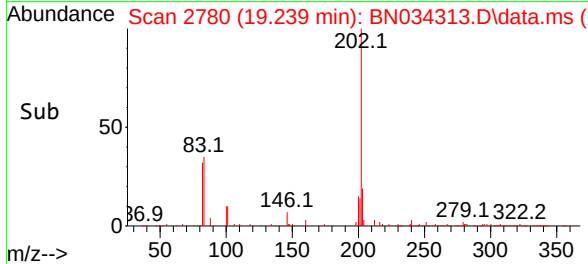
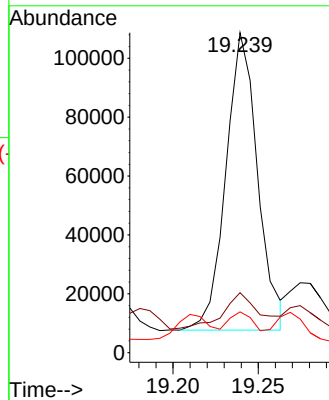
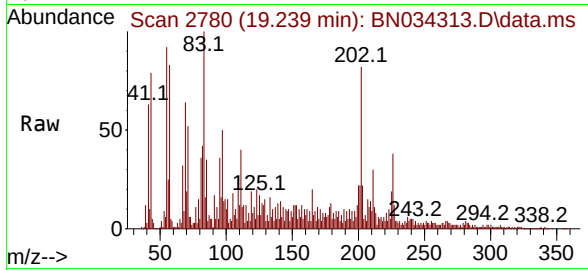




#82
 Pyrene
 Concen: 1.731 ng/ul
 RT: 19.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN034313.D
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Tgt Ion:202 Resp: 131134
 Ion Ratio Lower Upper
 202 100
 101 18.7 11.8 17.8#
 100 12.7 10.0 15.0



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.130 ng/ul
 RT: 20.980 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BN034313.D
 Acq: 01 Oct 2024 22:27

Tgt Ion:149 Resp: 155631
 Ion Ratio Lower Upper
 149 100
 167 33.7 20.6 31.0#
 279 6.6 3.0 4.6#

