

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034282.D
 Acq On : 30 Sep 2024 18:08
 Operator : RC/JU
 Sample : P4019-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC37

Quant Time: Sep 30 23:46:42 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)

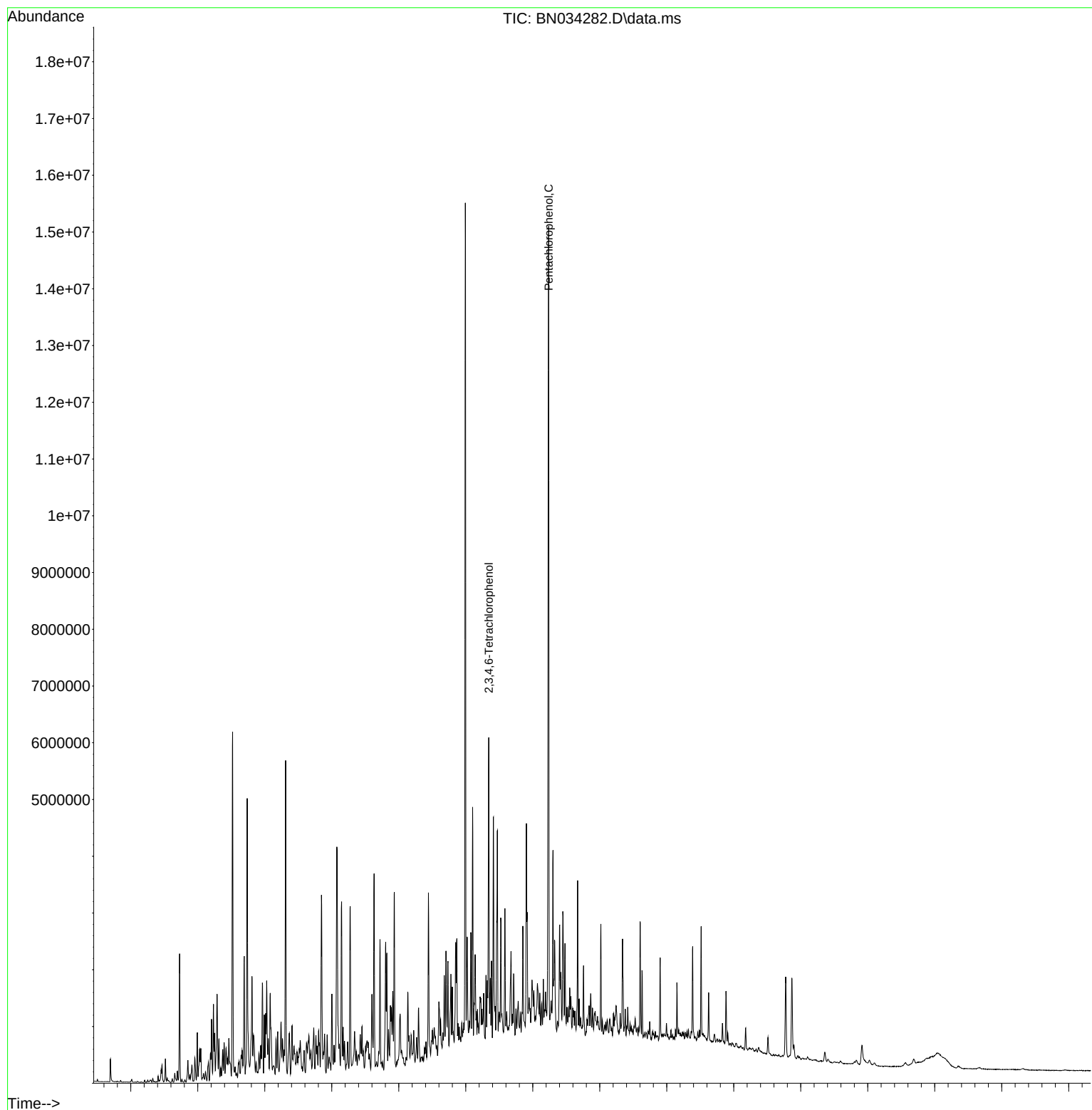
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	203801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	827716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.045	164	530708	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1058282	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	952494	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1111785	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	17534	3.511	ng/uL	0.00
4) Pyridine-d5	3.393	84	219389	14.779	ng/ul	0.00
7) Phenol-d5	6.593	99	287215	15.879	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.746	67	196908	17.546	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	247174	17.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.104	113	232610	15.629	ng/ul	0.00
21) Nitrobenzene-d5	8.534	128	117956	17.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	109164	16.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	217589	17.030	ng/ul	0.01
31) 4-Chloroaniline-d4	10.299	131	331168	17.121	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	741878	18.705	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	893898	20.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.281	143	46386	5.699	ng/ul	0.00
60) Fluorene-d10	15.045	176	669589	19.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	29273	4.639	ng/ul	0.00
73) Anthracene-d10	16.898	188	1015588	20.412	ng/ul	0.00
81) Pyrene-d10	19.204	212	1146003	21.594	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1174627	20.568	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.193	128	290268	6.411	ng/ul	97
36) 2-Methylnaphthalene	11.822	142	581633	18.650	ng/ul	97
37) 1-Methylnaphthalene	12.045	142	374221	11.854	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	75300	1.882	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.687	232	918599	99.223	ng/ul	94
61) Fluorene	15.104	166	59289	1.521	ng/ul#	90
71) Pentachlorophenol	16.475	266	3066846	369.171	ng/ul	97
72) Phenanthrene	16.845	178	322629	5.529	ng/ul	98

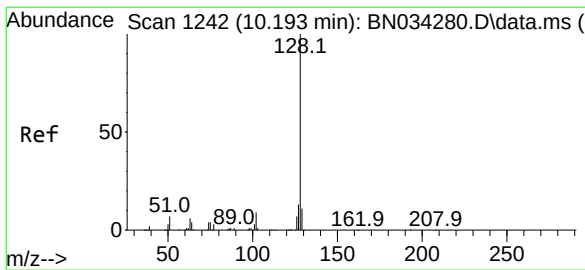
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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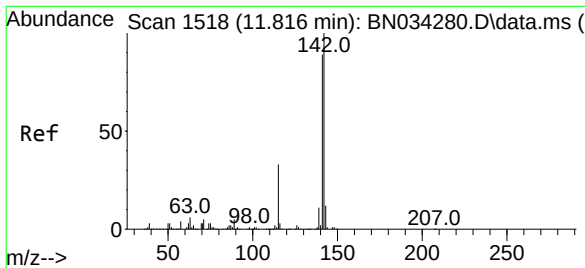
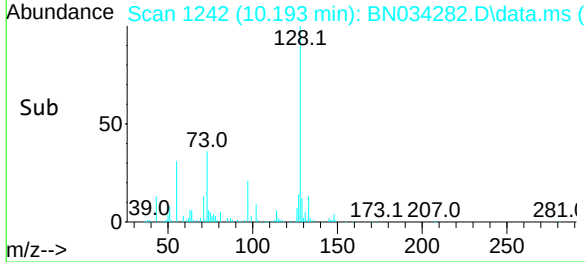
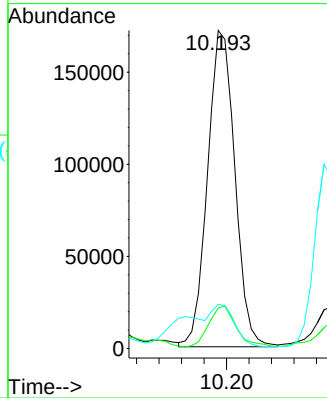
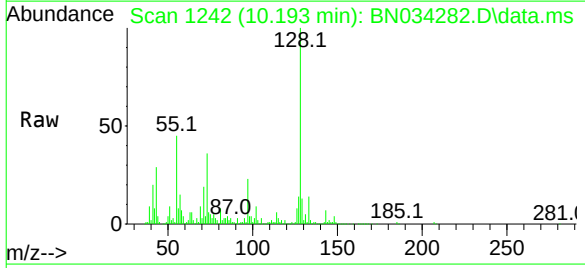




#30
Naphthalene
Concen: 6.411 ng/u1
RT: 10.193 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BN034282.D
Acq: 30 Sep 2024 18:08

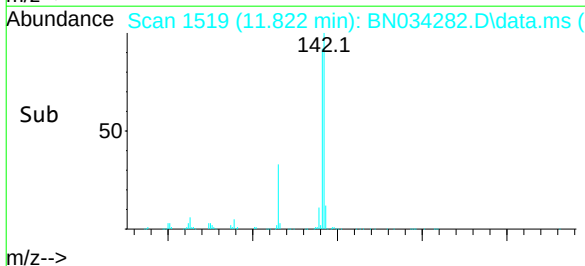
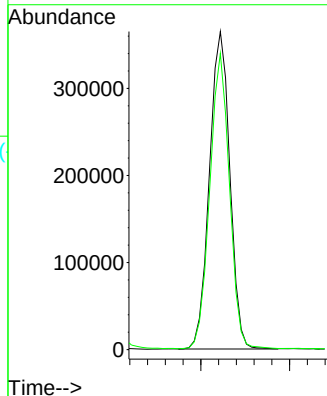
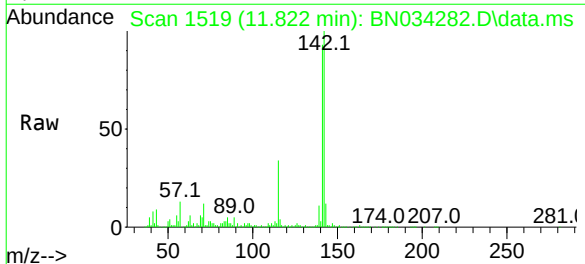
Instrument :
BNA_N
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DDC37

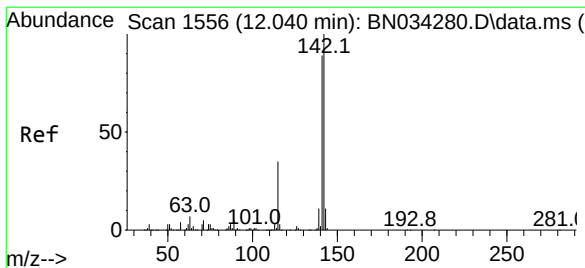
Tgt Ion:128 Resp: 290268
Ion Ratio Lower Upper
128 100
129 12.7 8.7 13.1
127 13.8 10.6 16.0



#36
2-Methylnaphthalene
Concen: 18.650 ng/u1
RT: 11.822 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BN034282.D
Acq: 30 Sep 2024 18:08

Tgt Ion:142 Resp: 581633
Ion Ratio Lower Upper
142 100
141 93.1 72.2 108.2





#37

1-Methylnaphthalene

Concen: 11.854 ng/ul

RT: 12.045 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BN034282.D

Acq: 30 Sep 2024 18:08

Instrument :

BNA_N

ClientSampleId :

DDC37

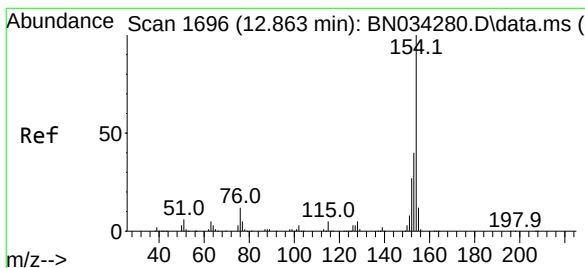
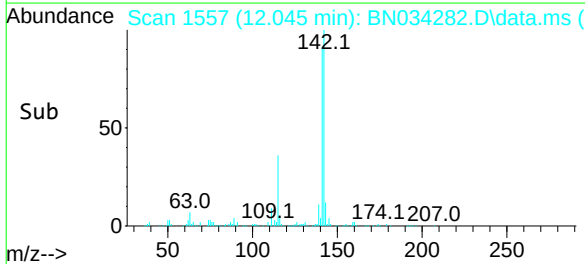
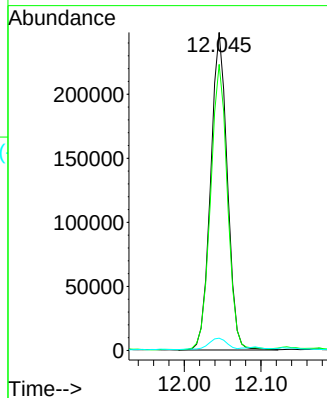
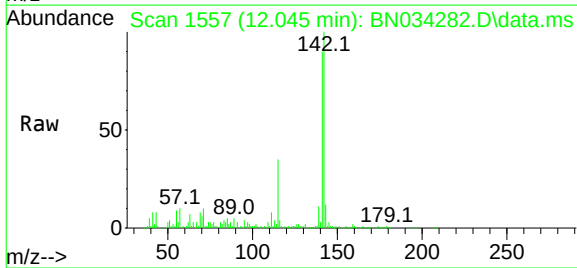
Tgt Ion:142 Resp: 374221

Ion Ratio Lower Upper

142 100

141 89.9 72.5 108.7

116 3.9 3.2 4.8



#43

1,1'-Biphenyl

Concen: 1.882 ng/ul

RT: 12.863 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BN034282.D

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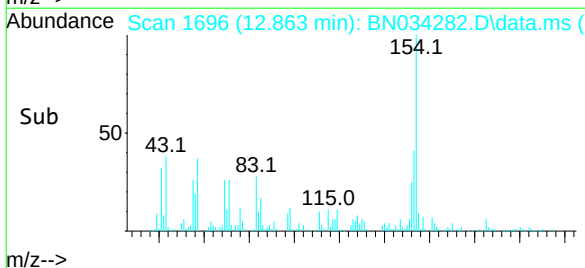
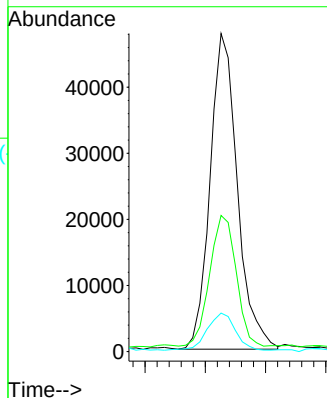
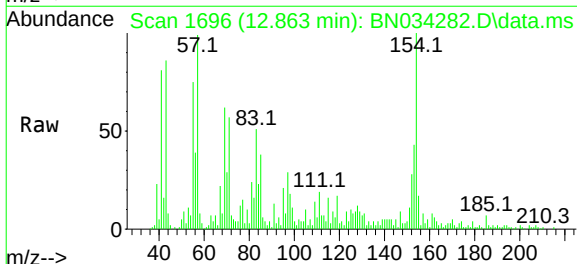
Tgt Ion:154 Resp: 75300

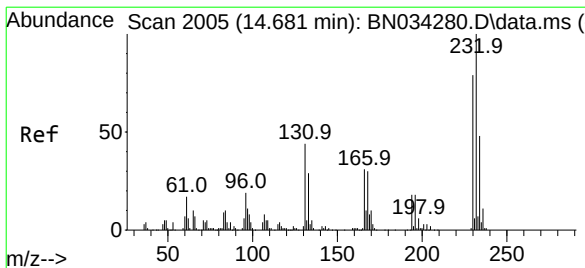
Ion Ratio Lower Upper

154 100

153 42.8 33.3 49.9

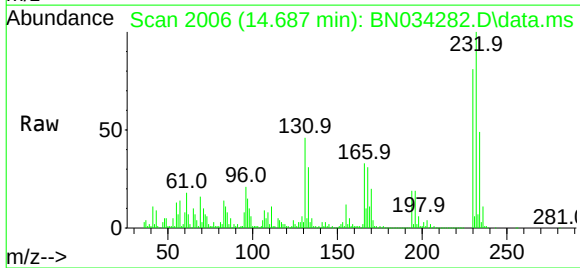
76 12.1 10.2 15.4



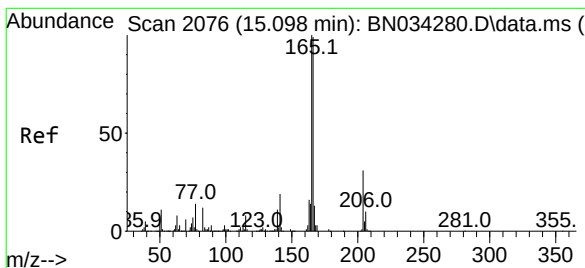
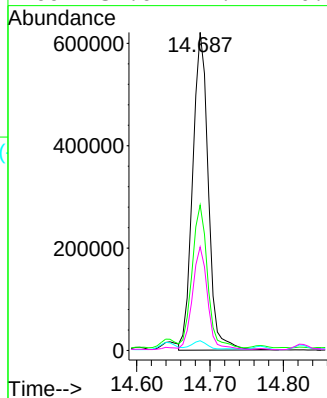
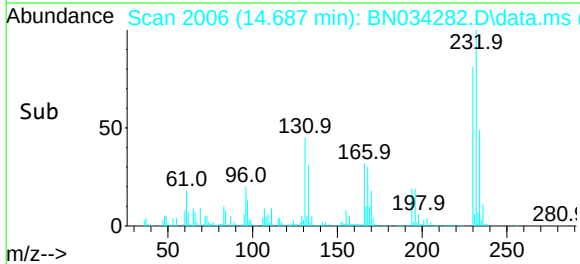


#58
2,3,4,6-Tetrachlorophenol
Concen: 99.223 ng/ul
RT: 14.687 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BN034282.D
Acq: 30 Sep 2024 18:08

Instrument :
BNA_N
ClientSampleId :
DDC37

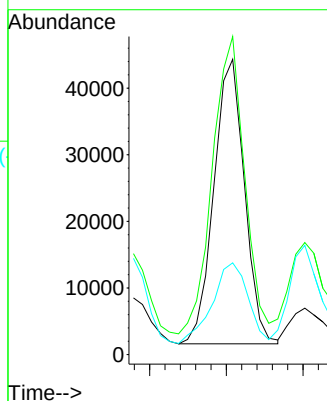
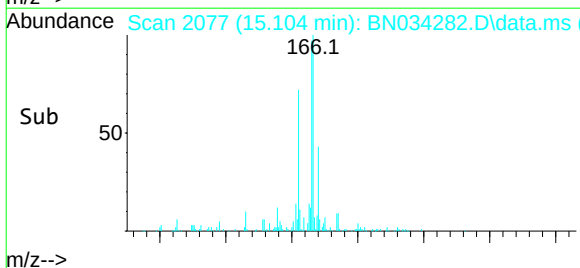
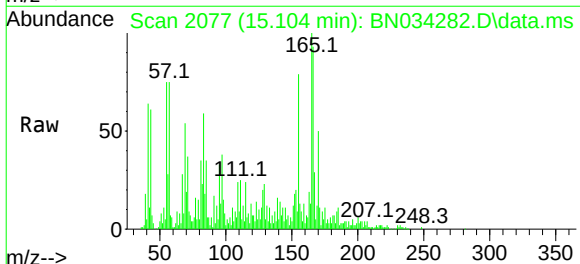


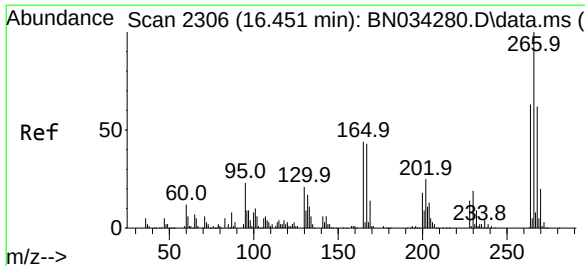
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	41.0	61.6
130	3.1	2.2	3.2
166	32.6	27.1	40.7



#61
Fluorene
Concen: 1.521 ng/ul
RT: 15.104 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BN034282.D
Acq: 30 Sep 2024 18:08

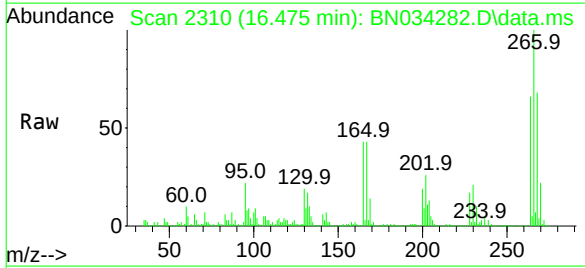
Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.7	81.9	122.9
167	31.1	10.9	16.3



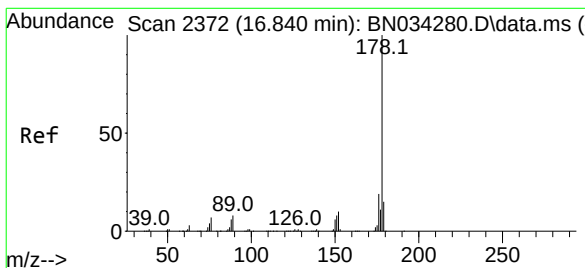
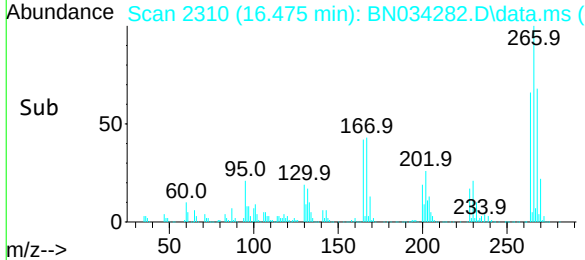
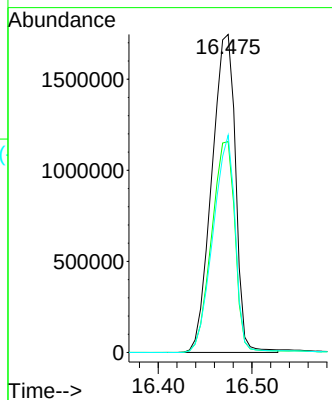


#71
 Pentachlorophenol
 Concen: 369.171 ng/u1
 RT: 16.475 min Scan# 23
 Delta R.T. 0.018 min
 Lab File: BN034282.D
 Acq: 30 Sep 2024 18:08

Instrument :
 BNA_N
 ClientSampleId :
 DDC37



Tgt Ion:266 Resp: 3066846
 Ion Ratio Lower Upper
 266 100
 264 66.3 51.1 76.7
 268 68.3 52.8 79.2



#72
 Phenanthrene
 Concen: 5.529 ng/u1
 RT: 16.845 min Scan# 2373
 Delta R.T. 0.006 min
 Lab File: BN034282.D
 Acq: 30 Sep 2024 18:08

Tgt Ion:178 Resp: 322629
 Ion Ratio Lower Upper
 178 100
 179 17.0 11.9 17.9
 176 18.9 15.2 22.8

