

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034367.D
 Acq On : 03 Oct 2024 12:35
 Operator : RC/JU
 Sample : P4016-18DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC23DL

Quant Time: Oct 03 13:14:55 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)

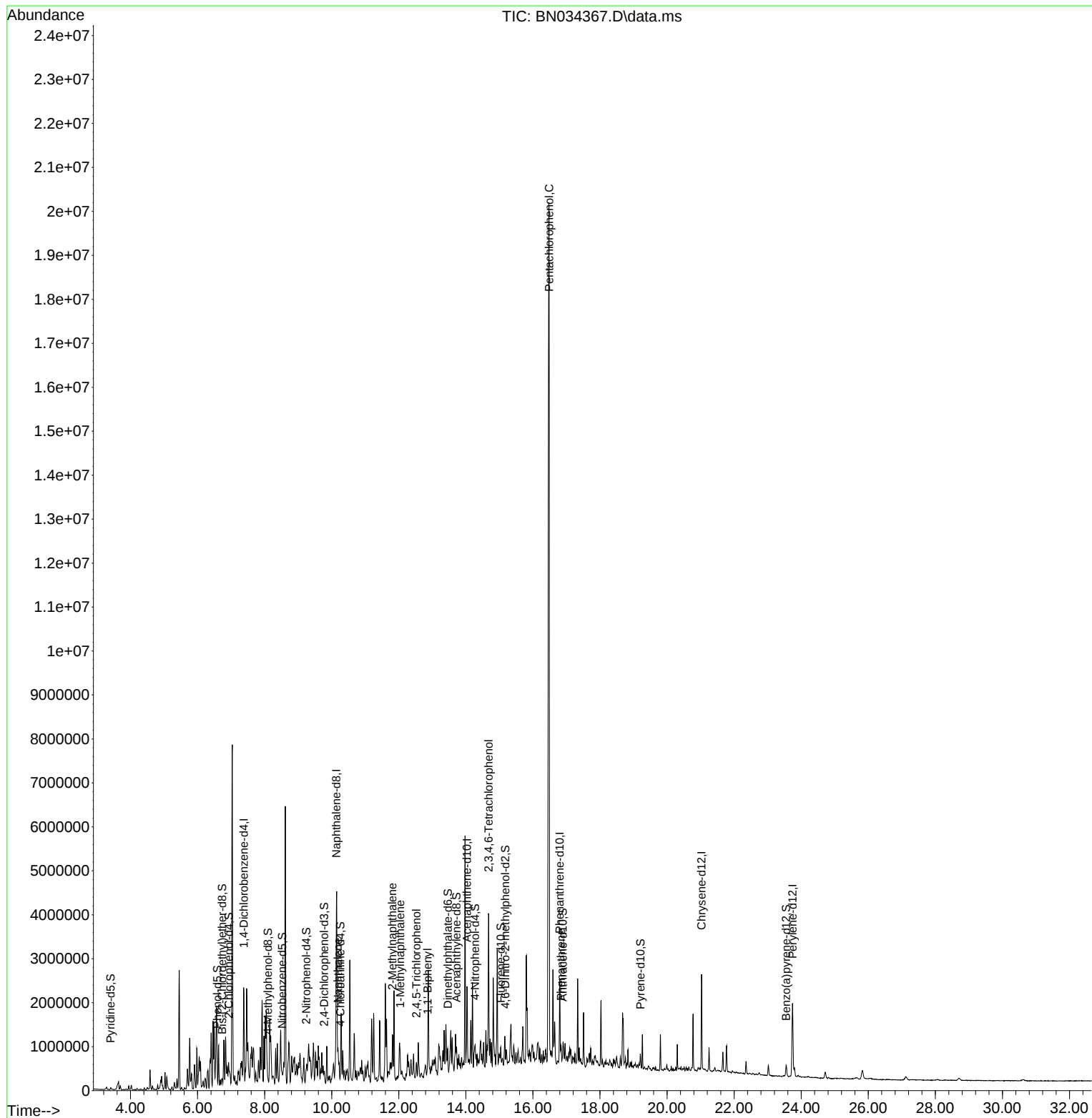
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	226278	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	873186	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.034	164	553932	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1160162	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	1119705	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1399862	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.011	96	3125	0.564	ng/uL	0.01
4) Pyridine-d5	3.405	84	27439	1.665	ng/u1	0.02
7) Phenol-d5	6.587	99	55120	2.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	40925	3.285	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	43375	2.744	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	36781	2.226	ng/u1	0.00
21) Nitrobenzene-d5	8.522	128	20673	2.970	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	20706	2.893	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	38832	2.881	ng/u1	0.00
31) 4-Chloroaniline-d4	10.257	131	46167	2.263	ng/u1	-0.04
46) Dimethylphthalate-d6	13.463	166	118637	2.866	ng/u1	0.00
49) Acenaphthylene-d8	13.722	160	137831	2.960	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	17999	2.119	ng/u1	0.00
60) Fluorene-d10	15.039	176	112266	3.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	10581	1.530	ng/u1	0.00
73) Anthracene-d10	16.892	188	167038	3.062	ng/u1	0.00
81) Pyrene-d10	19.204	212	194072	3.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	211868	2.946	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.187	128	293453	6.144	ng/u1	98
36) 2-Methylnaphthalene	11.810	142	453205	13.775	ng/u1	97
37) 1-Methylnaphthalene	12.040	142	265828	7.982	ng/u1	99
42) 2,4,5-Trichlorophenol	12.522	196	13894	1.193	ng/u1	100
43) 1,1'-Biphenyl	12.857	154	54672	1.309	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	14.681	232	593187	61.387	ng/u1	91
71) Pentachlorophenol	16.480	266	5728640	629.028	ng/u1	96
72) Phenanthrene	16.839	178	157919	2.469	ng/u1#	94

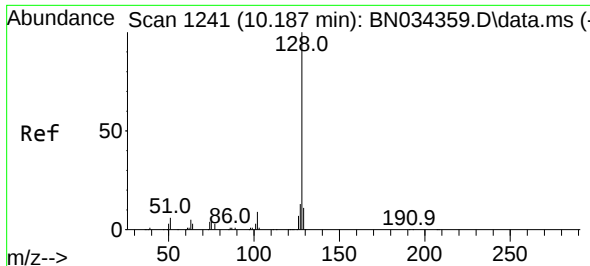
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 14:14:38 2024
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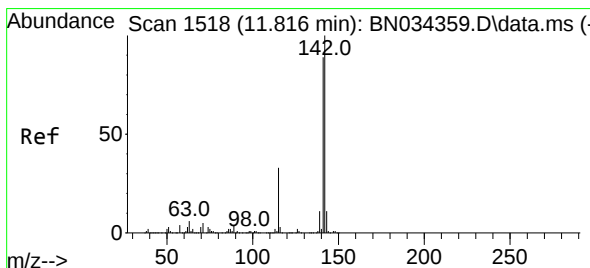
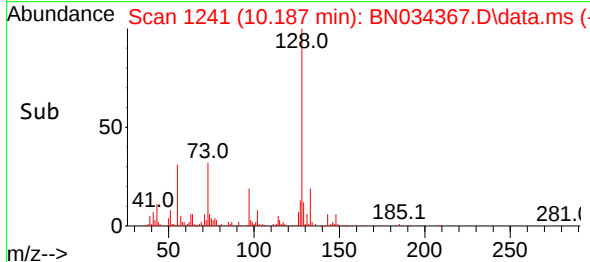
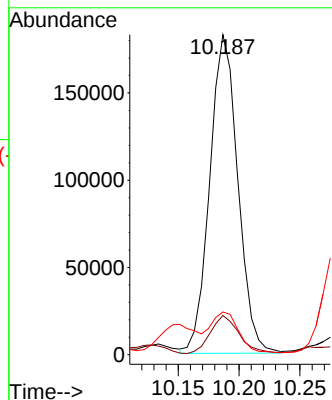
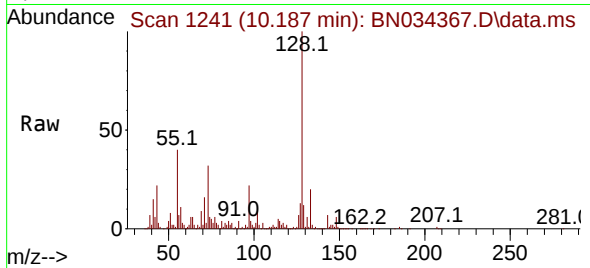




#30
Naphthalene
Concen: 6.144 ng/ul
RT: 10.187 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN034367.D
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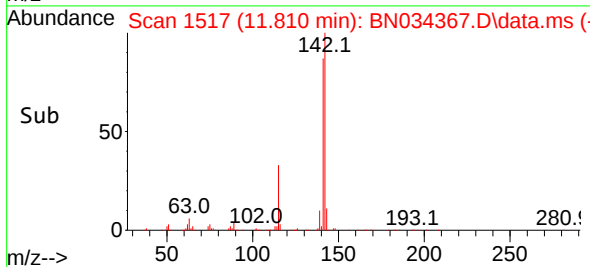
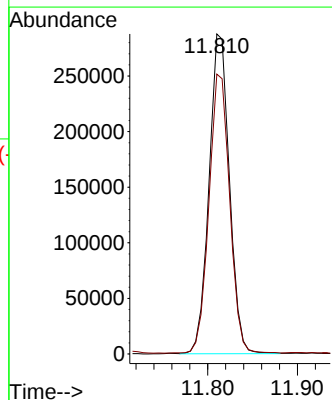
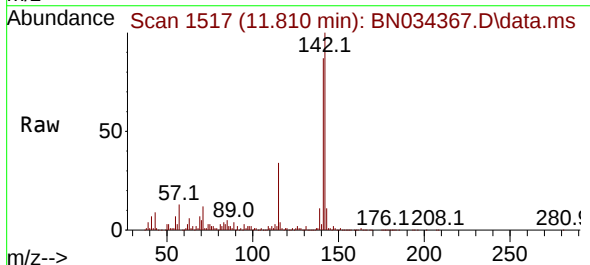
Instrument :
BNA_N
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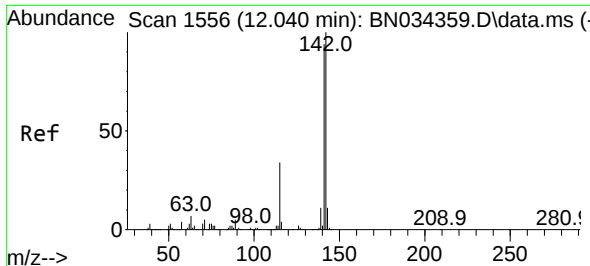
Tgt Ion:128 Resp: 293453
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 13.4 10.6 16.0



#36
2-Methylnaphthalene
Concen: 13.775 ng/ul
RT: 11.810 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BN034367.D
Acq: 03 Oct 2024 12:35

Tgt Ion:142 Resp: 453205
Ion Ratio Lower Upper
142 100
141 87.4 72.2 108.2

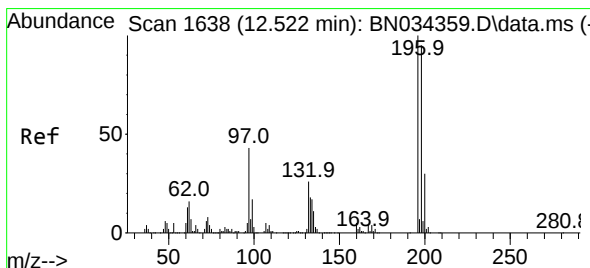
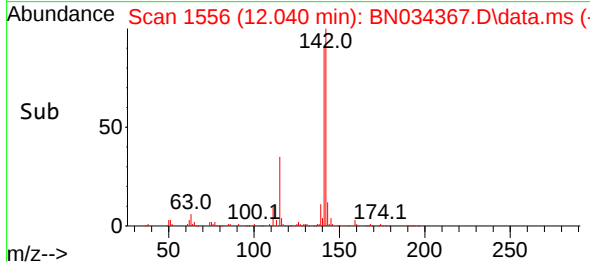
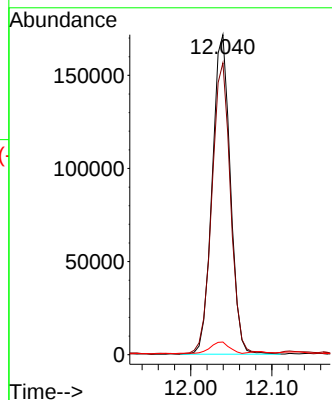
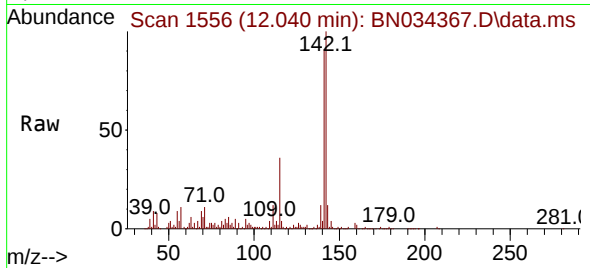




#37
1-Methylnaphthalene
Concen: 7.982 ng/ul
RT: 12.040 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BN034367.D
Acq: 03 Oct 2024 12:35

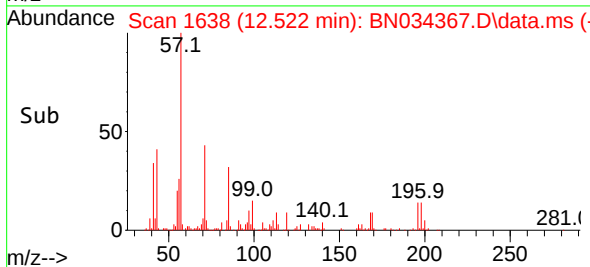
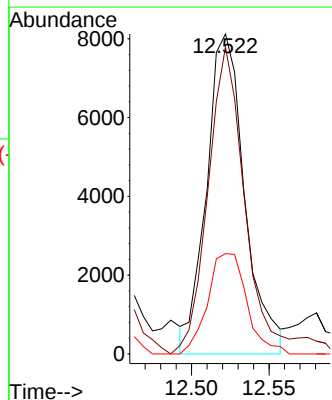
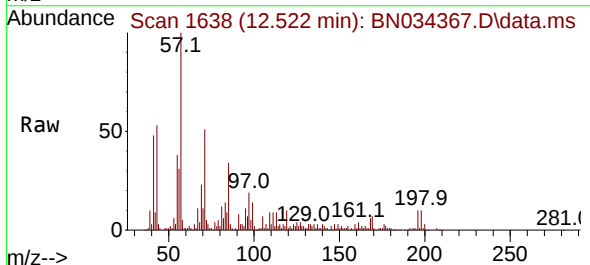
Instrument :
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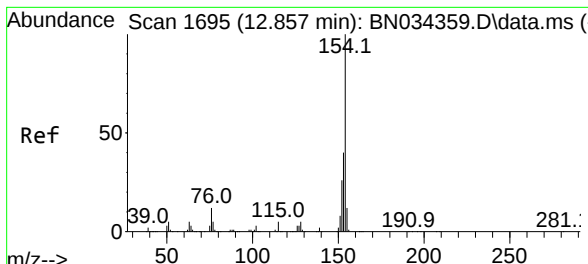
Tgt Ion:142 Resp: 265828
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7
116 3.9 3.2 4.8



#42
2,4,5-Trichlorophenol
Concen: 1.193 ng/ul
RT: 12.522 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN034367.D
Acq: 03 Oct 2024 12:35

Tgt Ion:196 Resp: 13894
Ion Ratio Lower Upper
196 100
198 95.9 77.1 115.7
200 31.3 25.2 37.8

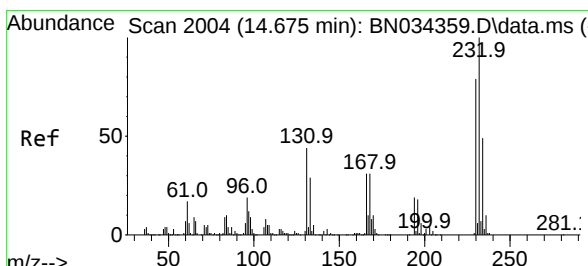
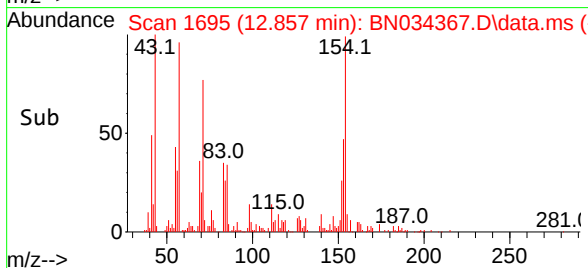
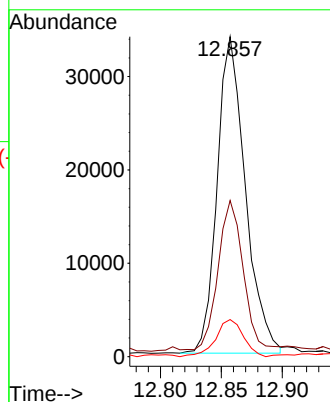
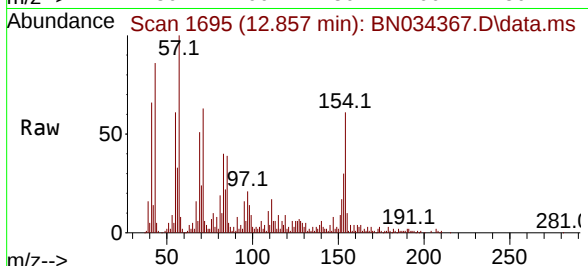




#43
 1,1'-Biphenyl
 Concen: 1.309 ng/ul
 RT: 12.857 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BN034367.D
 Acq: 03 Oct 2024 12:35

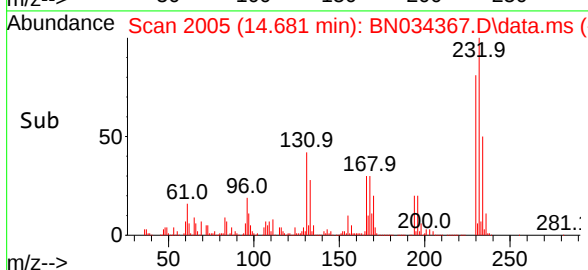
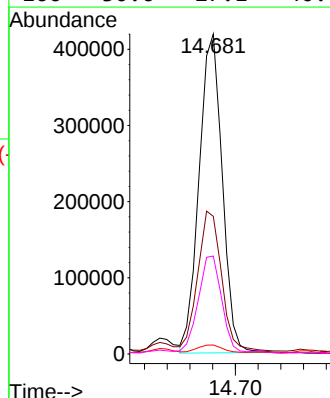
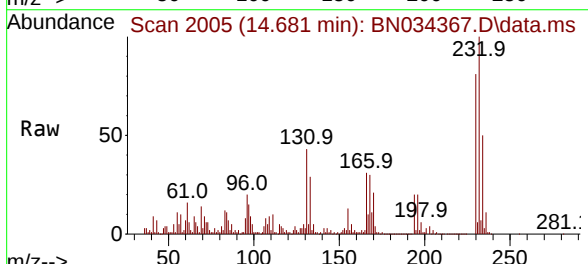
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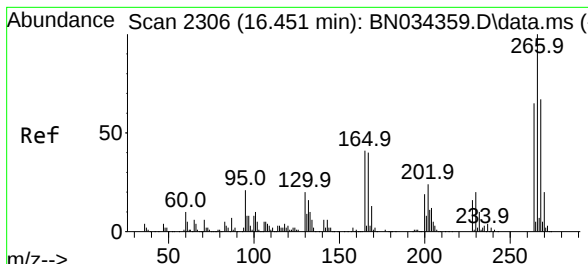
Tgt Ion:154	Resp:	54672
Ion Ratio	Lower	Upper
154	100	
153	48.8	33.3 49.9
76	11.6	10.2 15.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.387 ng/ul
 RT: 14.681 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: BN034367.D
 Acq: 03 Oct 2024 12:35

Tgt Ion:232	Resp:	593187
Ion Ratio	Lower	Upper
232	100	
131	43.0	41.0 61.6
130	2.8	2.2 3.2
166	30.6	27.1 40.7



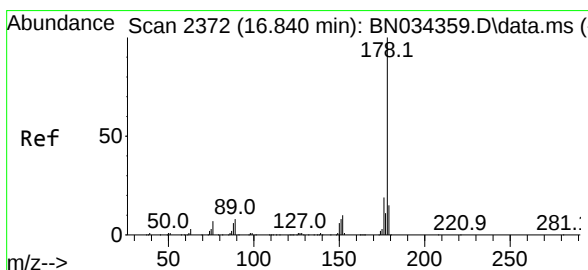
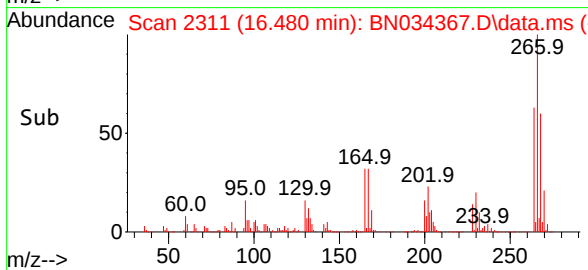
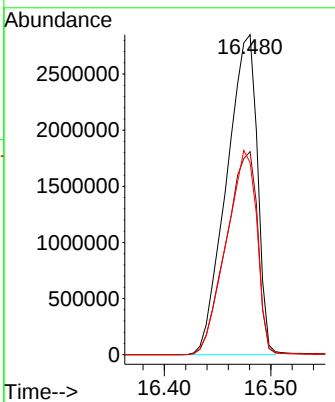
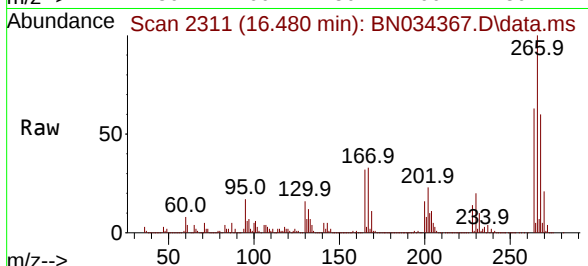


#71
 Pentachlorophenol
 Concen: 629.028 ng/u1
 RT: 16.480 min Scan# 2111
 Delta R.T. 0.023 min
 Lab File: BN034367.D
 Acq: 03 Oct 2024 12:35

Instrument :
 BNA_N
 ClientSampleId :
 DDC23DL

Tgt Ion:266 Resp: 5728640

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.1	76.7
268	60.1	52.8	79.2



#72
 Phenanthrene
 Concen: 2.469 ng/u1
 RT: 16.839 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: BN034367.D
 Acq: 03 Oct 2024 12:35

Tgt Ion:178 Resp: 157919

Ion	Ratio	Lower	Upper
178	100		
179	18.9	11.9	17.9#
176	20.1	15.2	22.8

