

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034378.D
 Acq On : 03 Oct 2024 19:50
 Operator : RC/JU
 Sample : P4017-21DL2 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCD7DL2

Quant Time: Oct 03 23:52:46 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

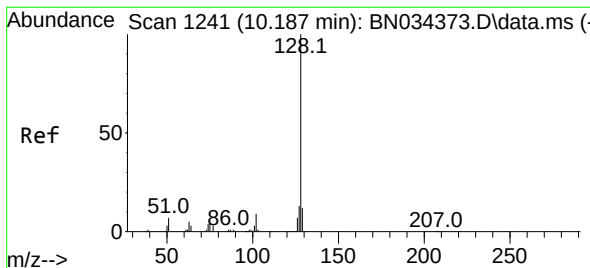
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	141934	20.000	ng/u1	0.00
20) Naphthalene-d8	10.134	136	561480	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	352660	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.792	188	722347	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	750891	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	906625	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	2111	0.607	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.581	99	25715	2.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	18392	2.353	ng/u1	0.00
11) 2-Chlorophenol-d4	6.922	132	23847	2.405	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	18876	1.821	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	9741	2.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	9429	2.049	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	18577	2.143	ng/u1	0.00
31) 4-Chloroaniline-d4	10.287	131	15752	1.201	ng/u1	0.00
46) Dimethylphthalate-d6	13.457	166	66008	2.505	ng/u1	-0.01
49) Acenaphthylene-d8	13.722	160	73882	2.492	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.040	176	60360	2.702	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	4441	1.031	ng/u1	0.00
73) Anthracene-d10	16.892	188	90208	2.656	ng/u1	0.00
81) Pyrene-d10	19.204	212	109422	2.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	114834	2.466	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.181	128	48959	1.594	ng/u1#	97
36) 2-Methylnaphthalene	11.810	142	86341	4.081	ng/u1	98
37) 1-Methylnaphthalene	12.034	142	49591	2.316	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	14.675	232	141896	23.065	ng/u1	91
71) Pentachlorophenol	16.451	266	1115155	196.665	ng/u1	97

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

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#30

Naphthalene

Concen: 1.594 ng/ul

RT: 10.181 min Scan# 1241

Delta R.T. -0.012 min

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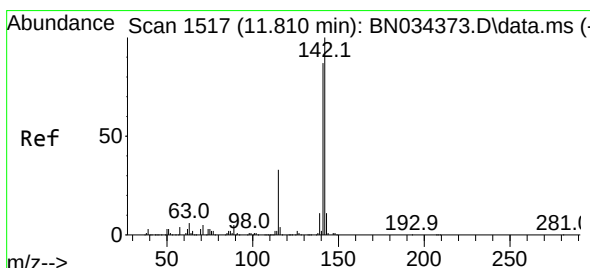
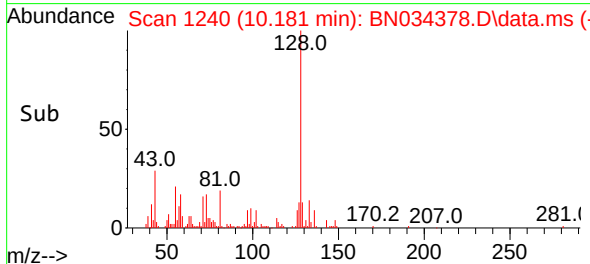
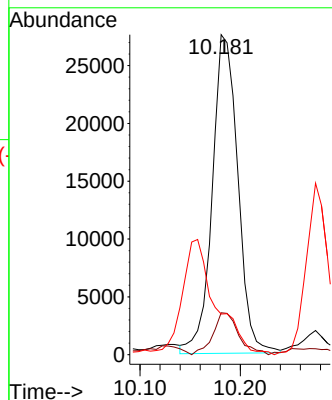
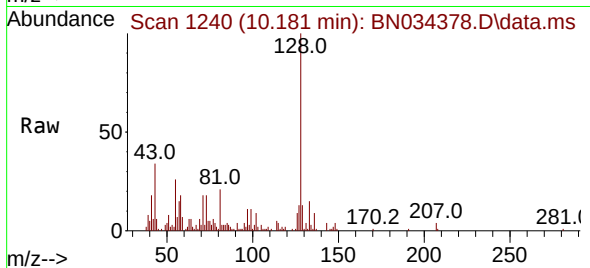
Tgt Ion:128 Resp: 48959

Ion Ratio Lower Upper

128 100

129 13.1 8.7 13.1#

127 12.7 10.6 16.0



#36

2-Methylnaphthalene

Concen: 4.081 ng/ul

RT: 11.810 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BN034378.D

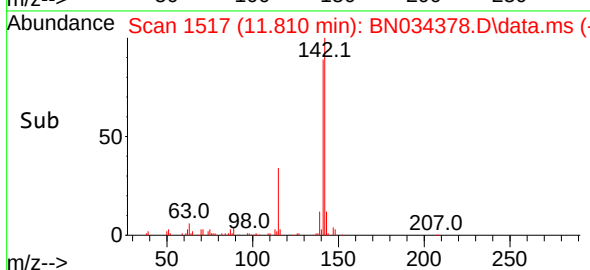
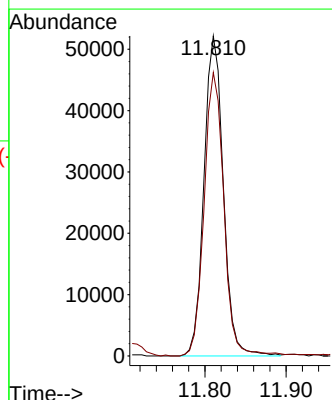
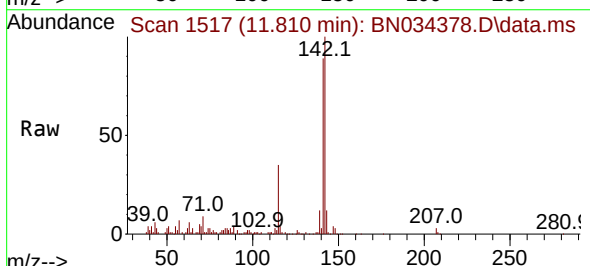
Acq: 03 Oct 2024 19:50

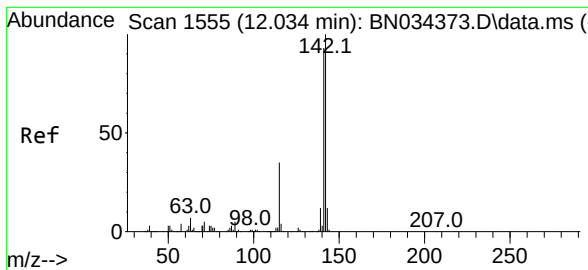
Tgt Ion:142 Resp: 86341

Ion Ratio Lower Upper

142 100

141 88.5 72.2 108.2

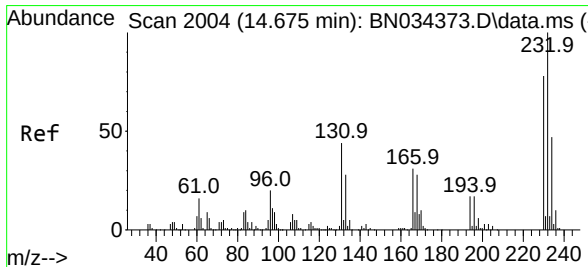
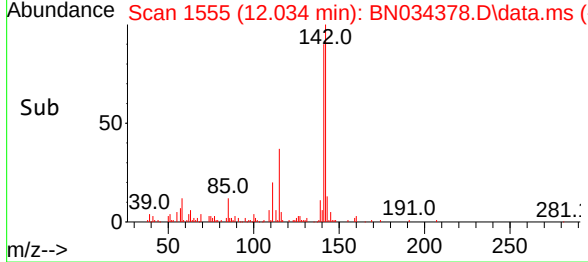
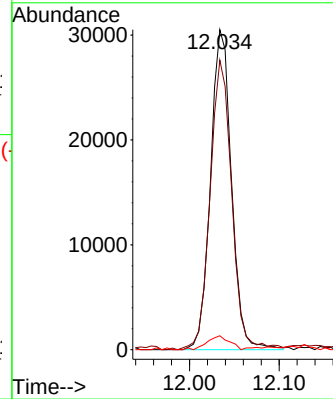
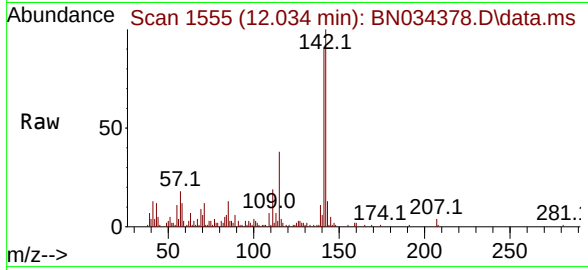




#37
 1-Methylnaphthalene
 Concen: 2.316 ng/ul
 RT: 12.034 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BN034378.D
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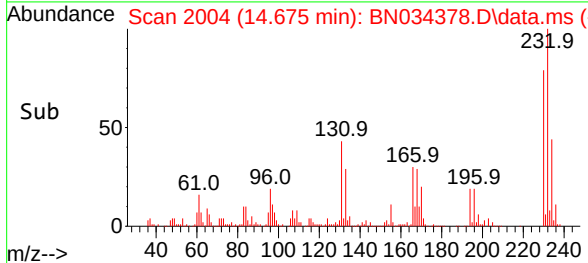
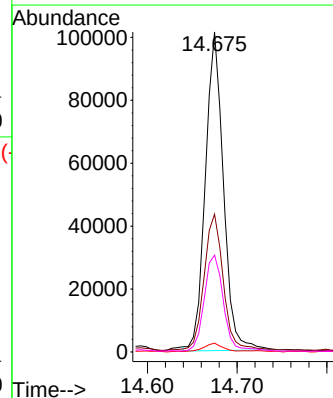
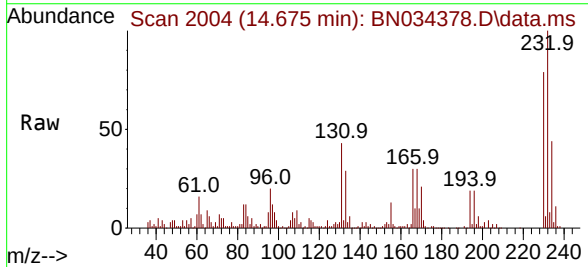
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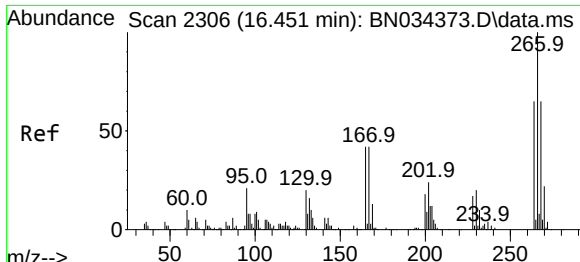
Tgt Ion:	142	Resp:	49591
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.5	108.7
116	4.3	3.2	4.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.065 ng/ul
 RT: 14.675 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BN034378.D
 Acq: 03 Oct 2024 19:50

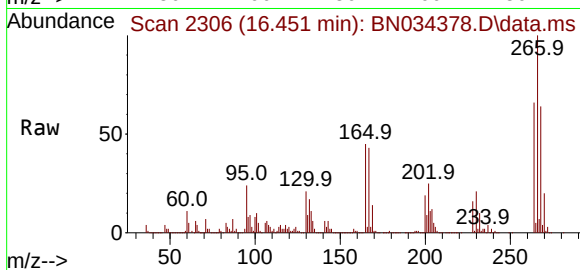
Tgt Ion:	232	Resp:	141896
Ion	Ratio	Lower	Upper
232	100		
131	43.0	41.0	61.6
130	2.8	2.2	3.2
166	30.2	27.1	40.7





#71
 Pentachlorophenol
 Concen: 196.665 ng/ul
 RT: 16.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN034378.D
 Acq: 03 Oct 2024 19:50

Instrument :
 BNA_N
 ClientSampleId :
 DDCD7DL2



Tgt Ion:266 Resp: 1115155
 Ion Ratio Lower Upper
 266 100
 264 66.2 51.1 76.7
 268 64.3 52.8 79.2

