Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
Data File : BM047689.D
Acq On : 28 Sep 2024 13:23
Operator : RC/JU
Sample : P3910-13ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Quant Time: Sep 29 00:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	151889	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	663205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	381640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	750726	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	685807	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	781894	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	15919	3.387	ng/uL	0.00
4) Pyridine-d5	3.675	84	212032	15.407	ng/ul	0.00
7) Phenol-d5	6.975	99	257926	17.958	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	191899	18.829	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	195643	18.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	212277	19.879	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	94745	17.943	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	89525	17.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	176241	17.435	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	282577	18.082	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	560415	20.254	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	668102	20.365	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	74447	13.514	ng/ul	0.00
60) Fluorene-d10	15.439	176	495102	20.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	54927	12.503	ng/ul	0.00
73) Anthracene-d10	17.286	188	760579	20.604	ng/ul	0.00
81) Pyrene-d10	19.568	212	874194	22.460	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	838650	20.673	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.969	77	20294	2.598	ng/ul#	1
16) Acetophenone	8.622	105	209436	11.462	ng/ul#	30
19) Hexachloroethane	8.922	117	26612	5.348	ng/ul#	12
23) Isophorone	9.539	82	42678	1.591	ng/ul#	61
30) Naphthalene	10.657	128	128334	3.364	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	178431	7.361	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	103725	4.206	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.068	232	310919	50.181	ng/ul	94
71) Pentachlorophenol	16.845	266	3706201	647.225	ng/ul	99
72) Phenanthrene	17.227	178	57150	1.298	ng/ul#	96
74) Anthracene	17.227	178	57150	1.273	ng/ul	96

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

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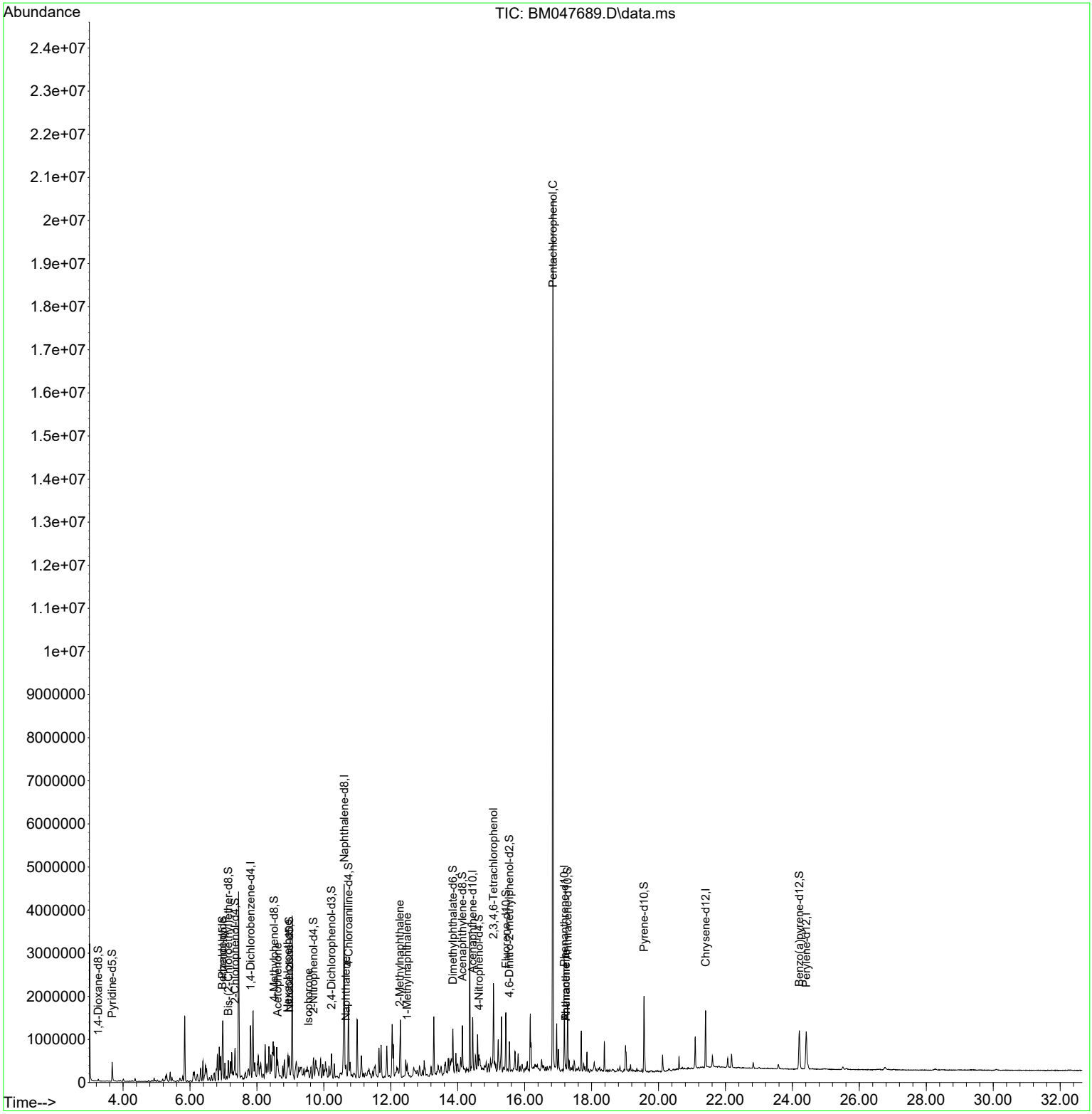
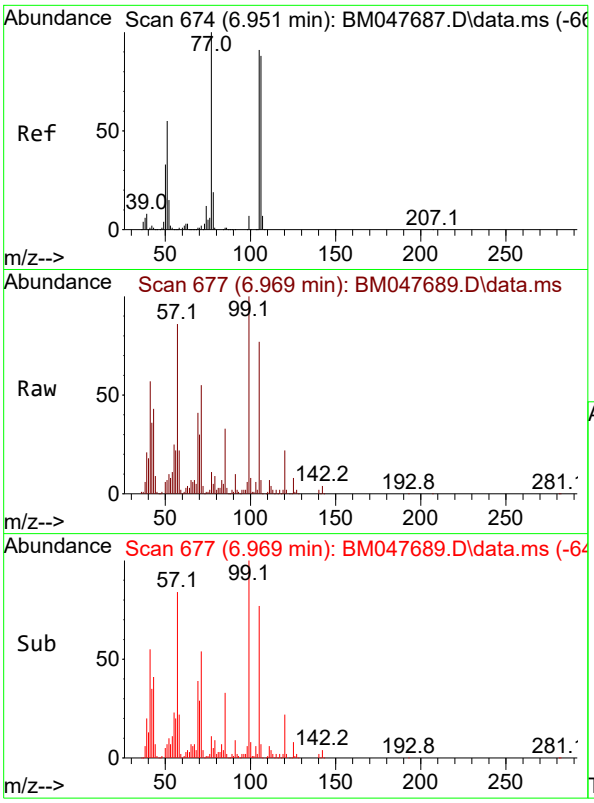
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration



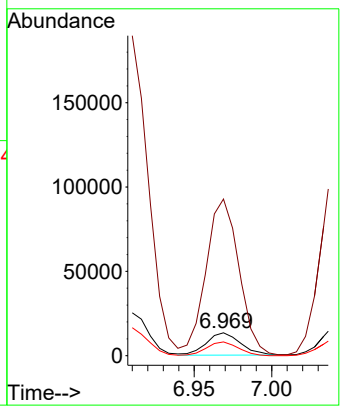


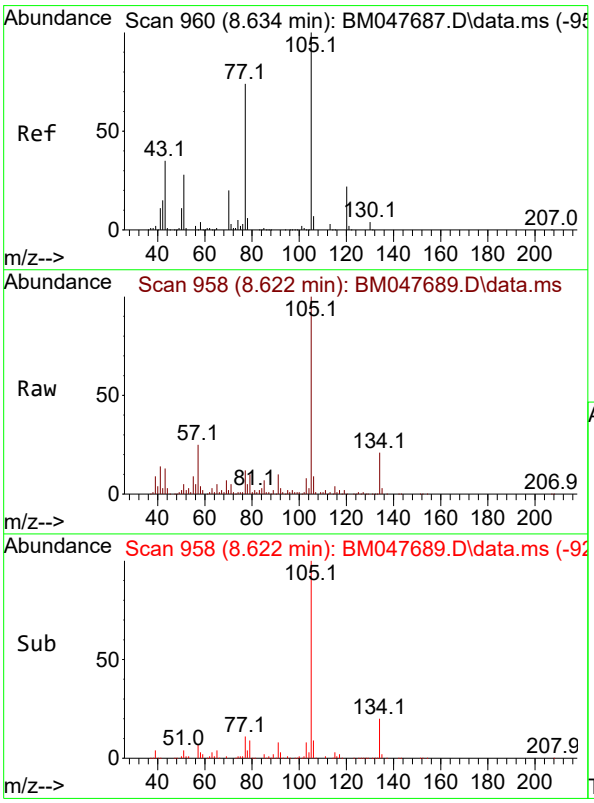
#6
Benzaldehyde
Concen: 2.598 ng/ul
RT: 6.969 min Scan# 6
Delta R.T. 0.017 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion: 77 Resp: 20294

Ion	Ratio	Lower	Upper
77	100		
105	683.4	72.2	108.2#
106	60.0	70.7	106.1#

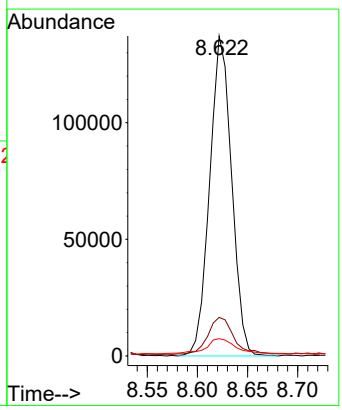


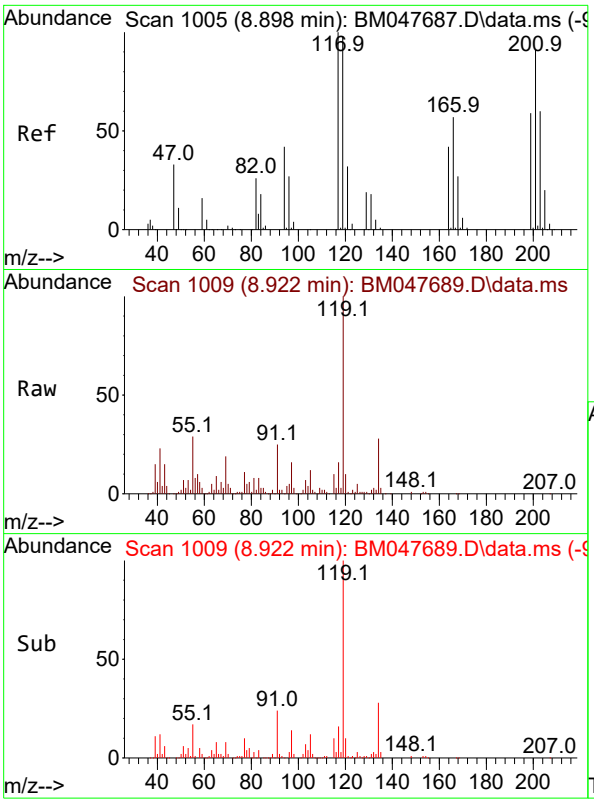


#16
Acetophenone
Concen: 11.462 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Tgt Ion:105 Resp: 209436

Ion	Ratio	Lower	Upper
105	100		
77	12.1	66.6	100.0#
51	5.4	27.0	40.4#



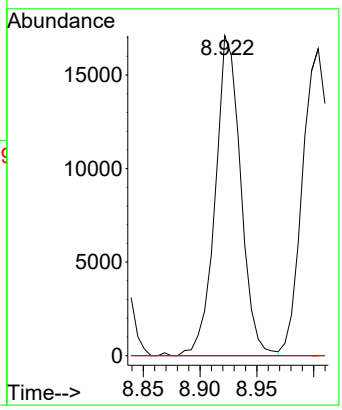


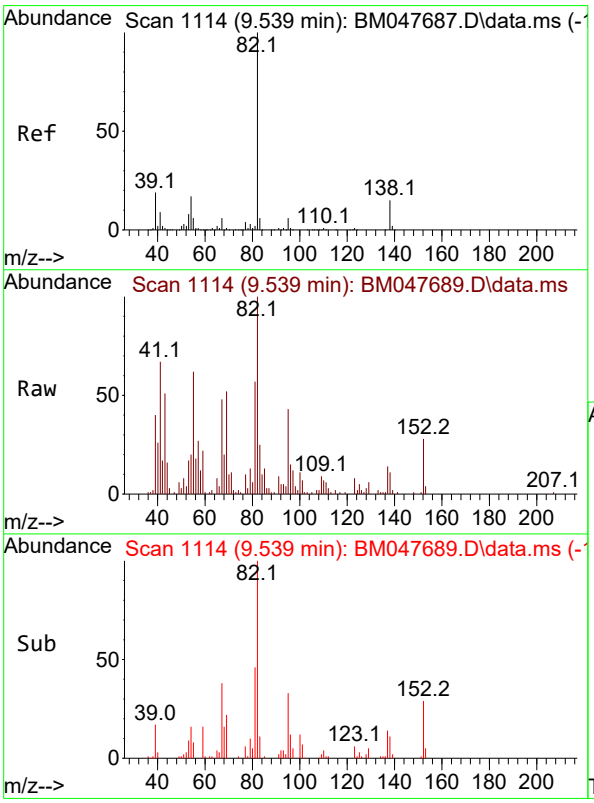
#19
Hexachloroethane
Concen: 5.348 ng/ul
RT: 8.922 min Scan# 1
Delta R.T. 0.023 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion:117 Resp: 26612

Ion	Ratio	Lower	Upper
117	100		
201	0.0	71.0	106.6#
199	0.0	44.2	66.4#

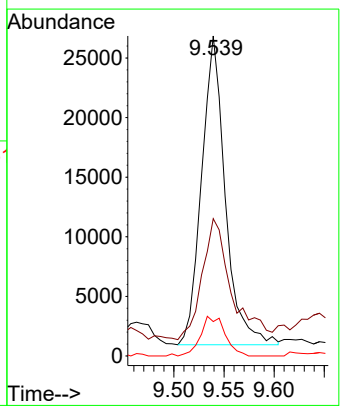


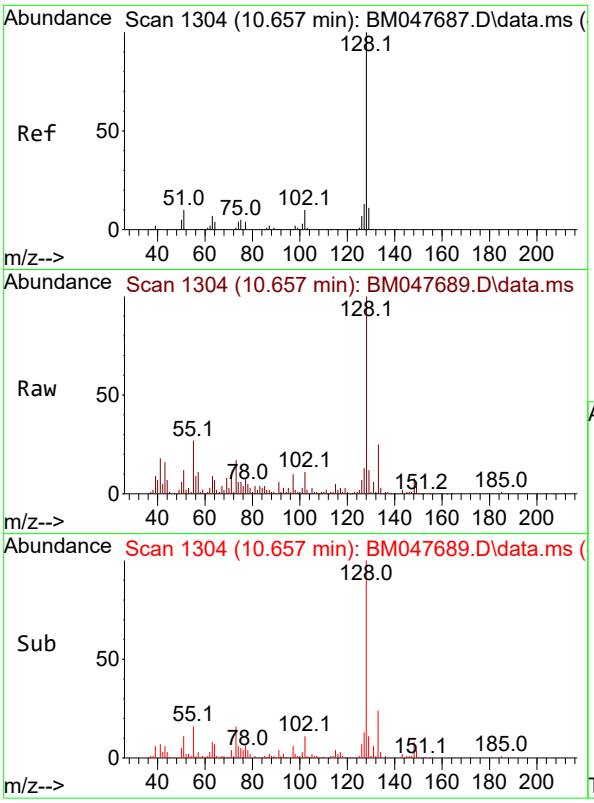


#23
Isophorone
Concen: 1.591 ng/ul
RT: 9.539 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Tgt Ion: 82 Resp: 42678

Ion	Ratio	Lower	Upper
82	100		
95	42.9	4.9	7.3#
138	10.8	12.0	18.0#



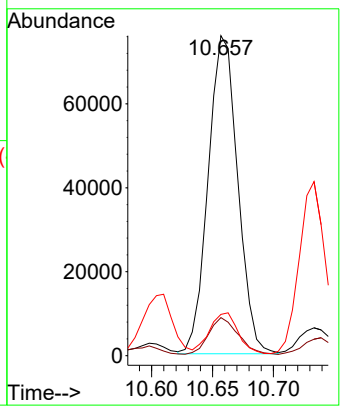


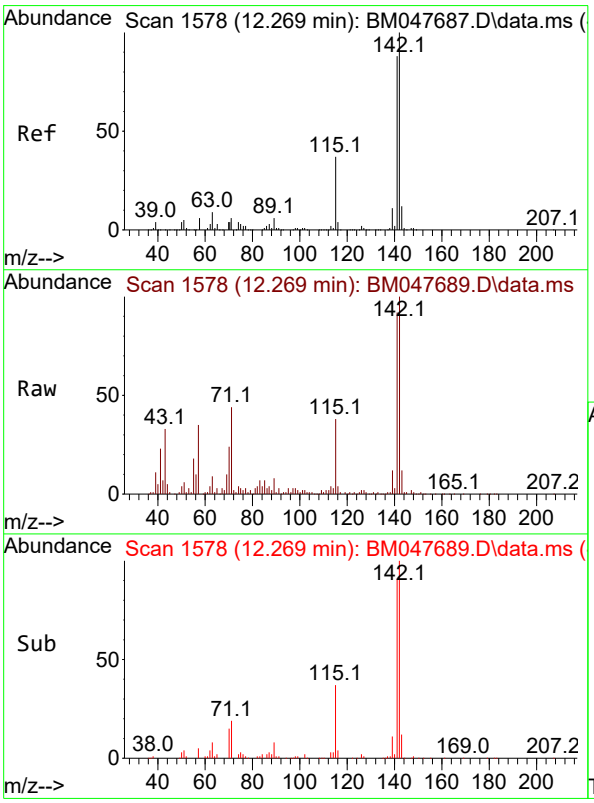
#30
Naphthalene
Concen: 3.364 ng/ul
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion:128 Resp: 128334

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	12.9	10.4	15.6

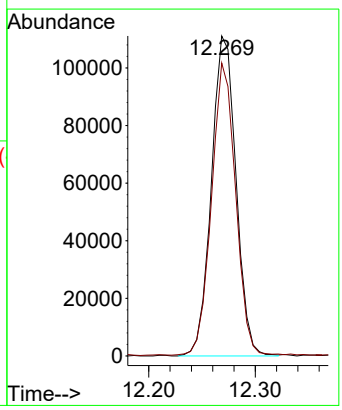


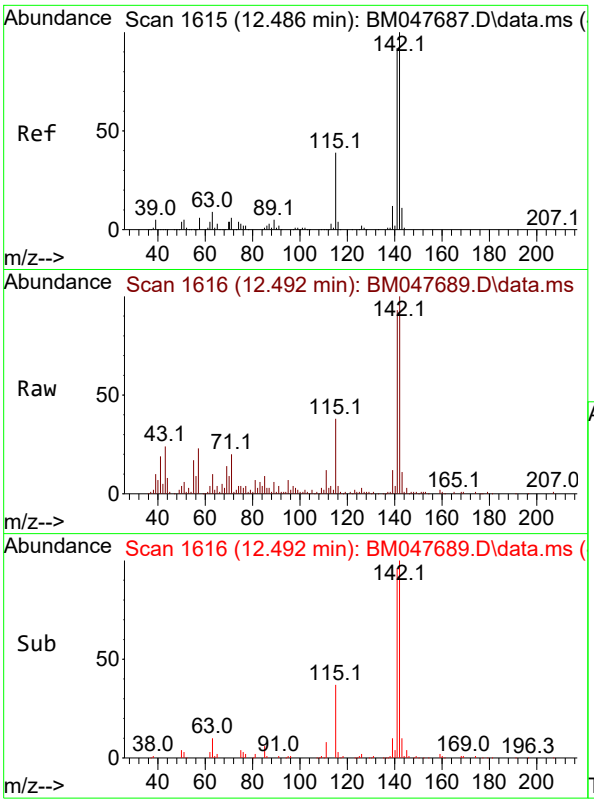


#36
2-Methylnaphthalene
Concen: 7.361 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Tgt Ion:142 Resp: 178431

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7



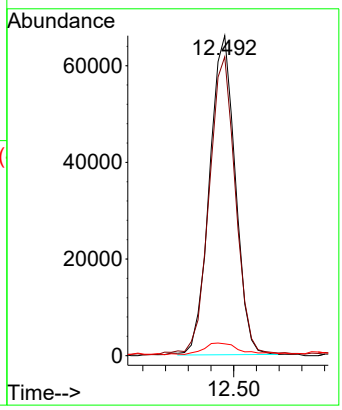


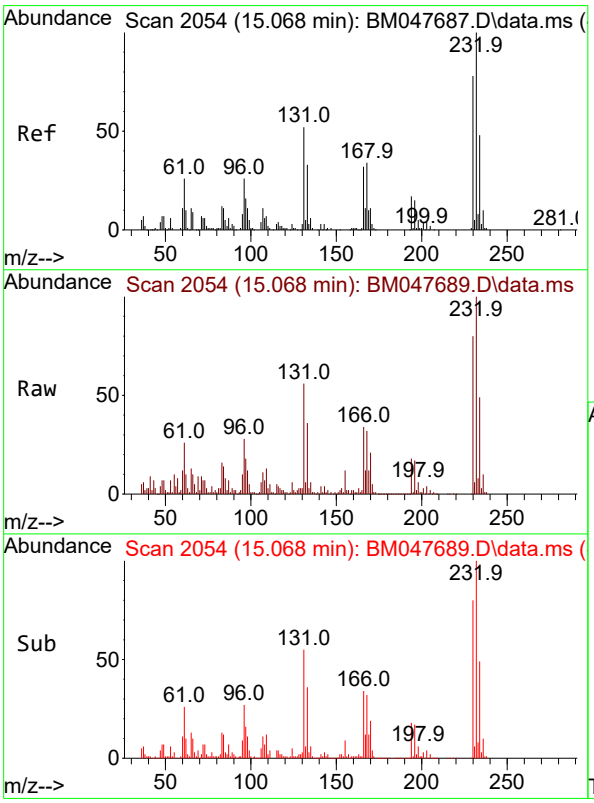
#37
1-Methylnaphthalene
Concen: 4.206 ng/ul
RT: 12.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion:142 Resp: 103725

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.2
116	3.7	3.0	4.6

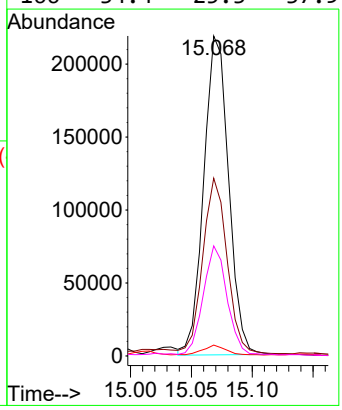


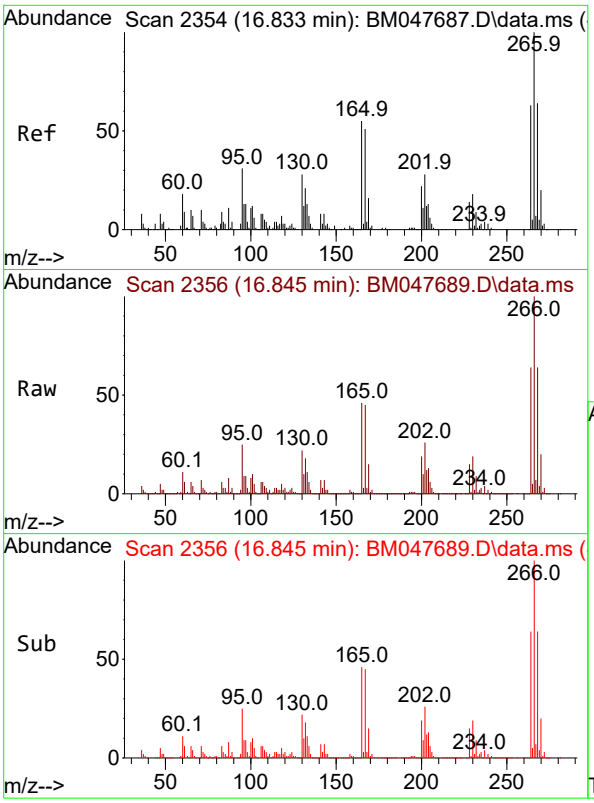


#58
2,3,4,6-Tetrachlorophenol
Concen: 50.181 ng/ul
RT: 15.068 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Tgt Ion:232 Resp: 310919

Ion	Ratio	Lower	Upper
232	100		
131	55.5	40.2	60.4
130	3.4	2.6	4.0
166	34.4	25.3	37.9



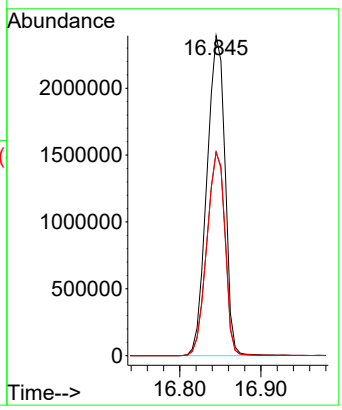


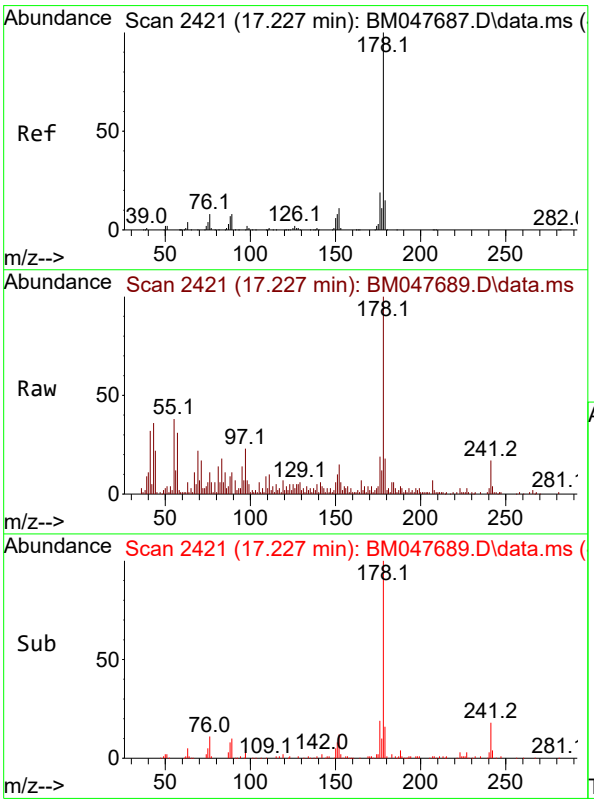
#71
Pentachlorophenol
Concen: 647.225 ng/ul
RT: 16.845 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion:266 Resp: 3706201

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.2	75.2
268	63.6	50.9	76.3

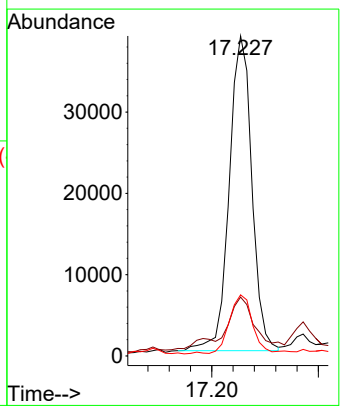


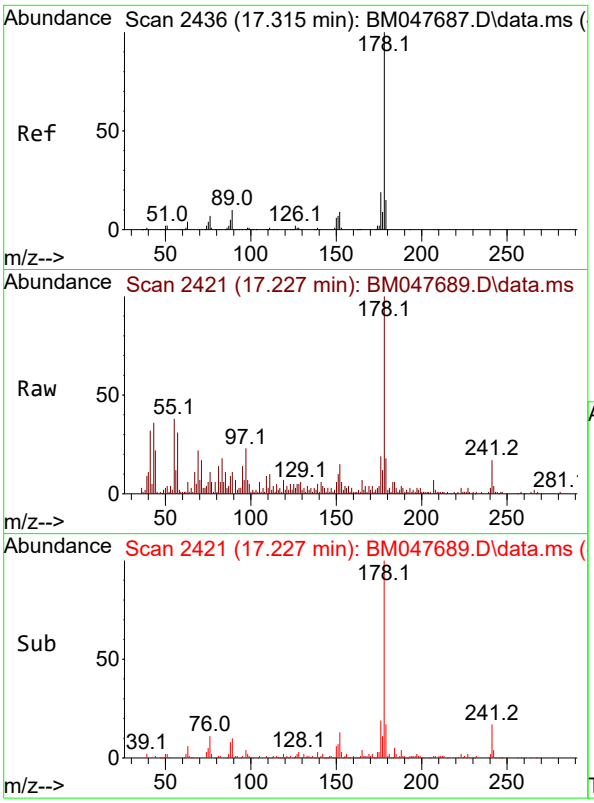


#72
Phenanthrene
Concen: 1.298 ng/ul
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Tgt Ion:178 Resp: 57150

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.0	18.0#
176	19.1	15.4	23.0





#74
Anthracene
Concen: 1.273 ng/ul
RT: 17.227 min Scan# 2
Delta R.T. -0.088 min
Lab File: BM047689.D
Acq: 28 Sep 2024 13:23

Instrument :
BNA_M
ClientSampleId :
DDC33ME

Tgt Ion:178 Resp: 57150

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	19.1	14.7	22.1