

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047488.D
 Acq On : 11 Sep 2024 19:18
 Operator : RC/JU
 Sample : P3878-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVZ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 02:10:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	735108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.680	136	2505842	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.510	164	1987119	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.274	188	3218013	20.000	ng/u1	0.03
79) Chrysene-d12	21.462	240	2136103	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	2278275	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	64354	3.531	ng/uL	0.00
4) Pyridine-d5	3.722	84	750857	12.894	ng/u1	0.01
7) Phenol-d5	7.057	99	1330897	19.315	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.204	67	1409410	32.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	1114513	21.237	ng/u1	0.02
15) 4-Methylphenol-d8	8.580	113	1855514	34.258	ng/u1	0.01
21) Nitrobenzene-d5	9.033	128	655372	33.867	ng/u1	0.01
24) 2-Nitrophenol-d4	9.757	143	556833	30.458	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.316	165	1037464	27.909	ng/u1	0.03
31) 4-Chloroaniline-d4	10.804	131	1730711	28.448	ng/u1	0.01
46) Dimethylphthalate-d6	13.915	166	2929848	20.060	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	3566623	20.237	ng/u1	0.01
54) 4-Nitrophenol-d4	14.662	143	449552	15.535	ng/u1	-0.01
60) Fluorene-d10	15.504	176	2575239	20.404	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.609	200	210088	12.349	ng/u1	0.01
73) Anthracene-d10	17.368	188	3368365	21.737	ng/u1	0.03
81) Pyrene-d10	19.621	212	3267066	26.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.297	264	2655818	21.937	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.733	128	6866751	49.738	ng/u1	97
36) 2-Methylnaphthalene	12.345	142	9440351	99.477	ng/u1	99
37) 1-Methylnaphthalene	12.563	142	6035687	62.949	ng/u1	99
41) 2,4,6-Trichlorophenol	12.951	196	114451	3.162	ng/u1	99
42) 2,4,5-Trichlorophenol	13.021	196	110552	2.810	ng/u1	99
43) 1,1'-Biphenyl	13.345	154	1104548	7.052	ng/u1	90
52) Acenaphthene	14.574	153	309279	2.285	ng/u1#	89
58) 2,3,4,6-Tetrachlorophenol	15.157	232	14457516	477.535	ng/u1#	85
61) Fluorene	15.557	166	762436	4.966	ng/u1#	85
71) Pentachlorophenol	16.927	266	51801295m	2163.777	ng/u1	
72) Phenanthrene	17.315	178	2804003	15.274	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.386	149	165495	1.529	ng/u1#	88

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

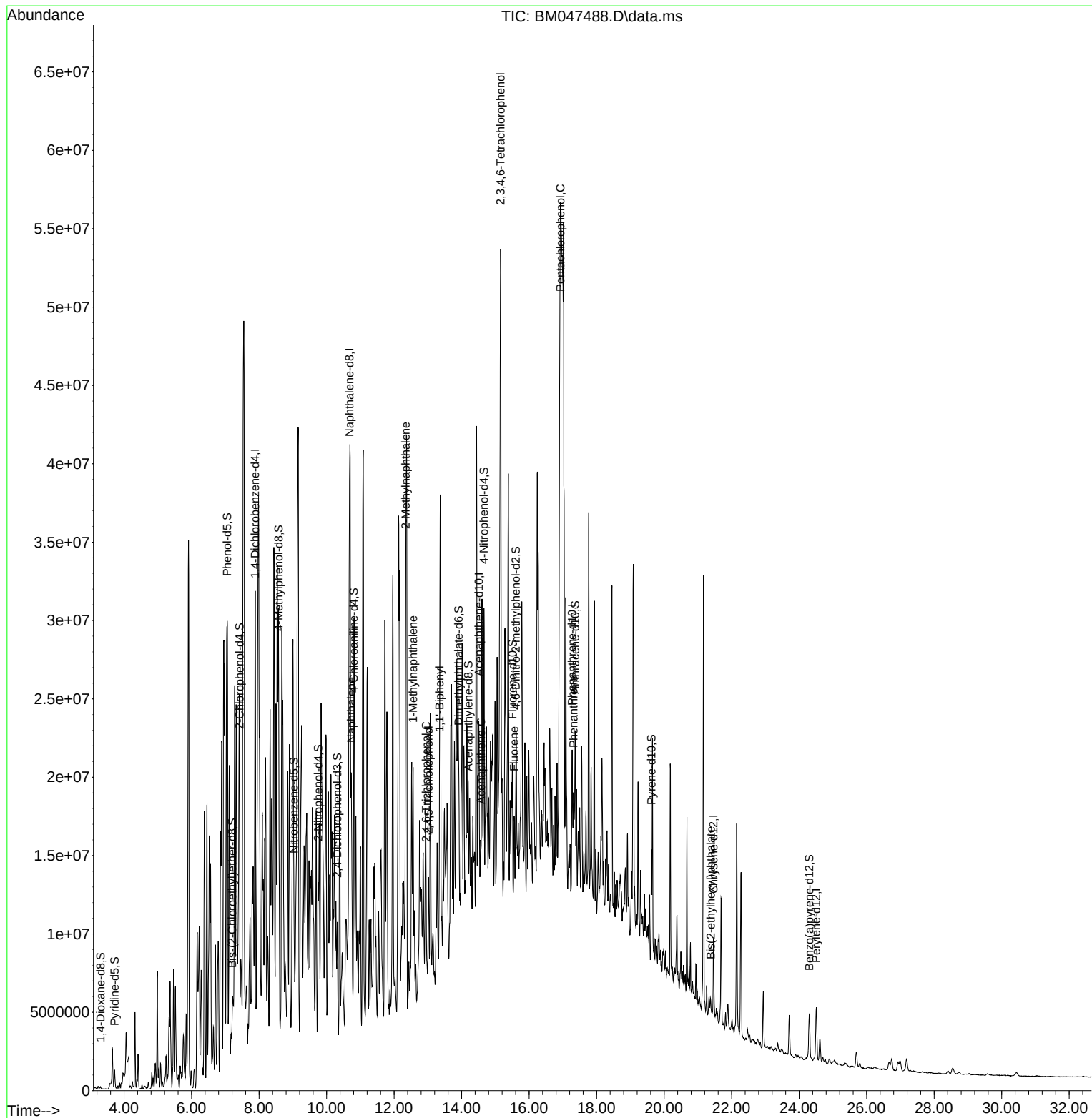
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047488.D
Acq On : 11 Sep 2024 19:18
Operator : RC/JU
Sample : P3878-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

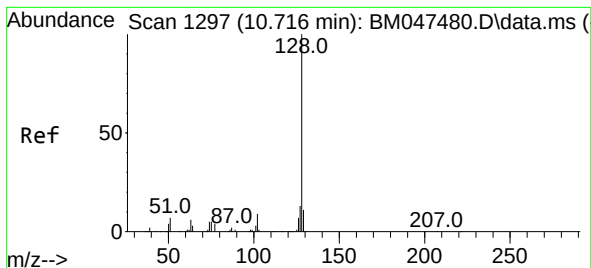
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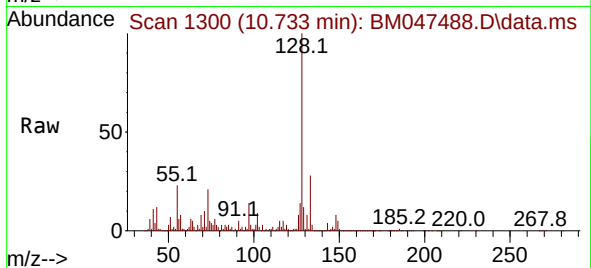
Quant Time: Sep 12 02:10:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 49.738 ng/ul
RT: 10.733 min Scan# 11
Delta R.T. 0.011 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18

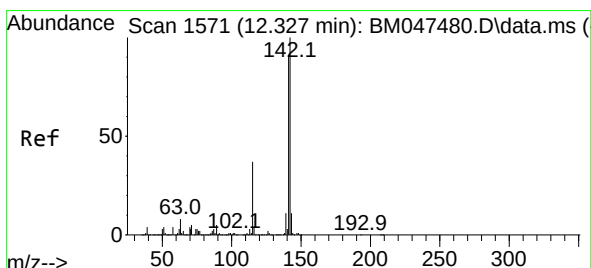
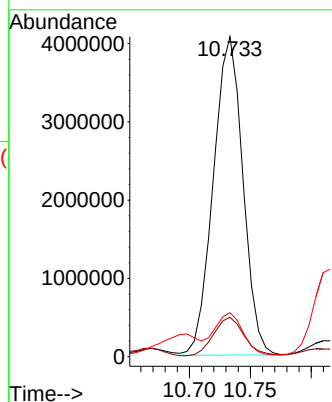
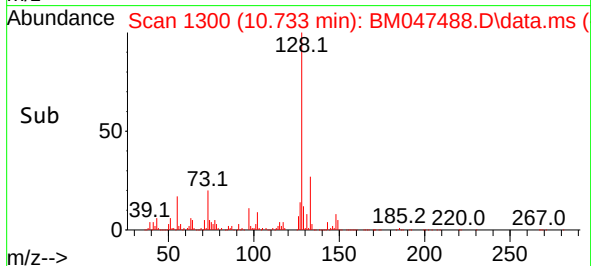
Instrument :
BNA_M
ClientSampleId :
DCVZ1



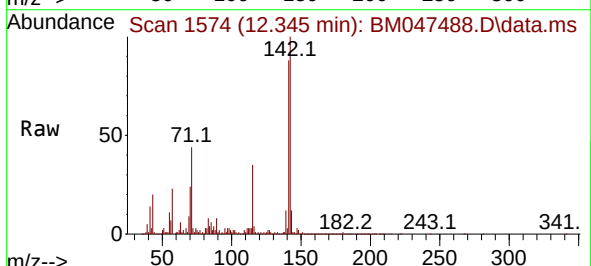
Tgt Ion:128 Resp: 686675
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 13.7 10.1 15.1

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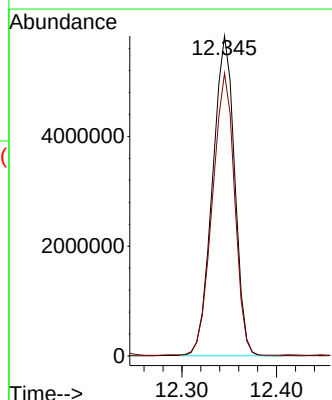
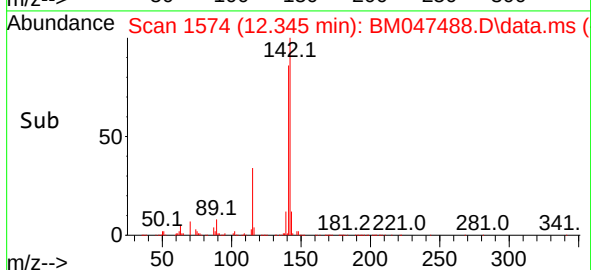
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

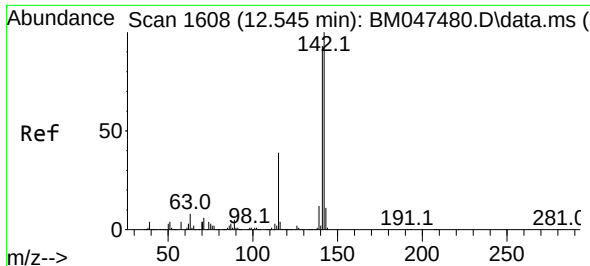


#36
2-Methylnaphthalene
Concen: 99.477 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.011 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18



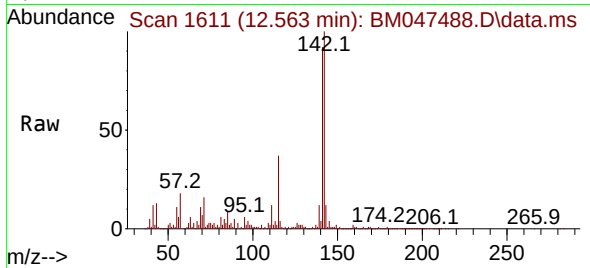
Tgt Ion:142 Resp: 9440351
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9





#37
1-Methylnaphthalene
Concen: 62.949 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. 0.011 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18

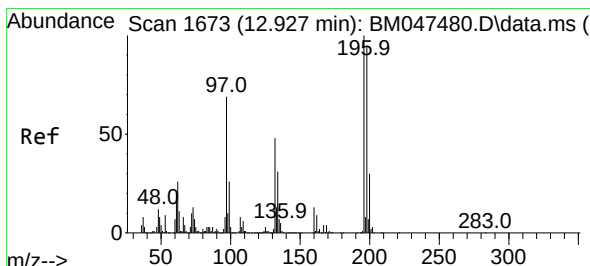
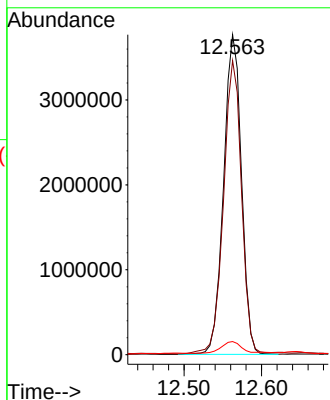
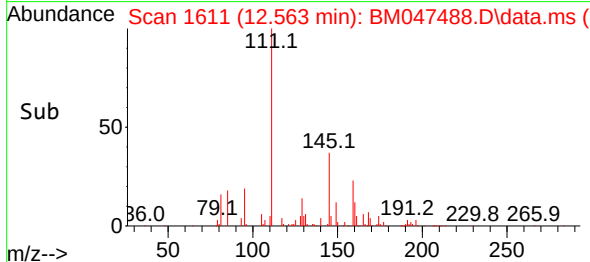
Instrument :
BNA_M
ClientSampleId :
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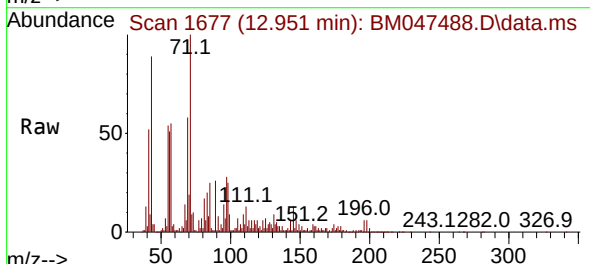
Tgt Ion:142 Resp: 603568
Ion Ratio Lower Upper
142 100
141 91.9 72.9 109.3
116 4.1 3.2 4.8

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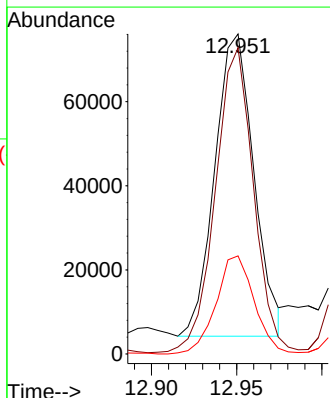
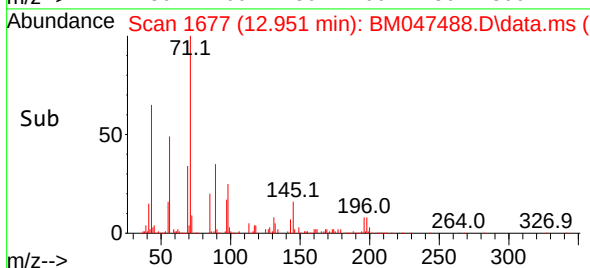
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

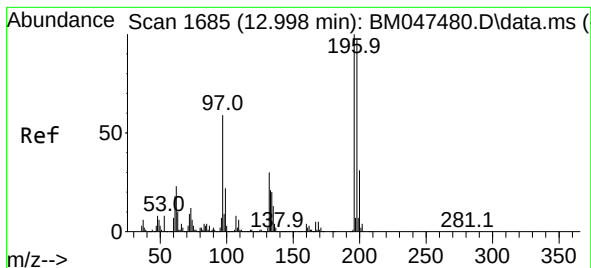


#41
2,4,6-Trichlorophenol
Concen: 3.162 ng/ul
RT: 12.951 min Scan# 1677
Delta R.T. 0.017 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18



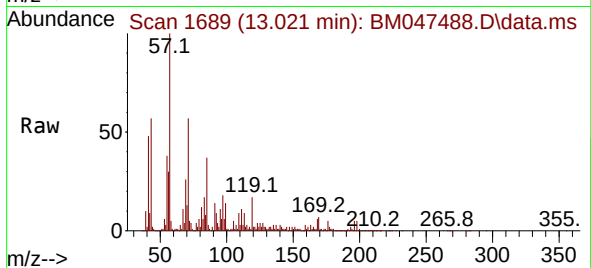
Tgt Ion:196 Resp: 114451
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
200 30.7 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 2.810 ng/ul
RT: 13.021 min Scan# 1689
Delta R.T. 0.023 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18

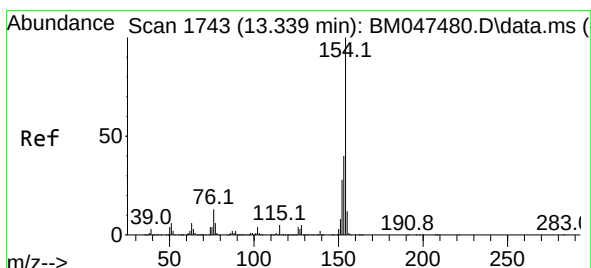
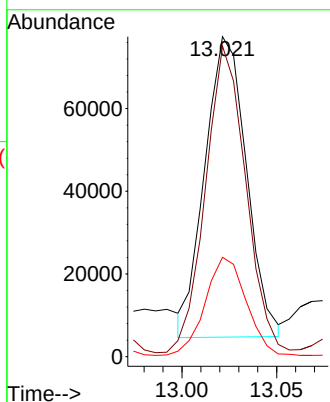
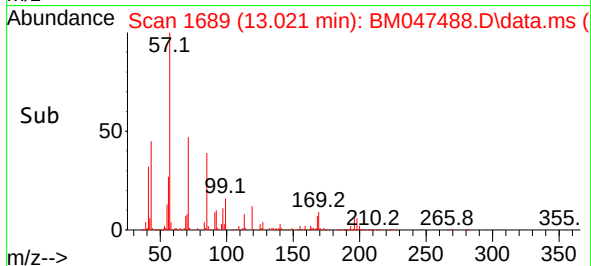
Instrument :
BNA_M
ClientSampleId :
DCVZ1



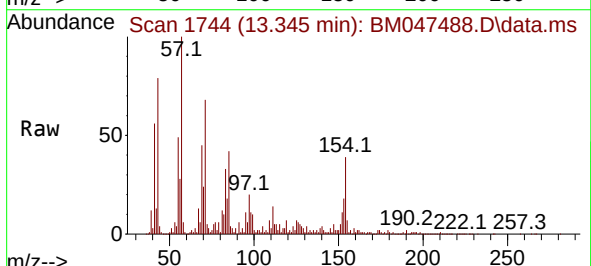
Tgt Ion:196 Resp: 110552
Ion Ratio Lower Upper
196 100
198 97.0 76.8 115.2
200 31.1 24.2 36.4

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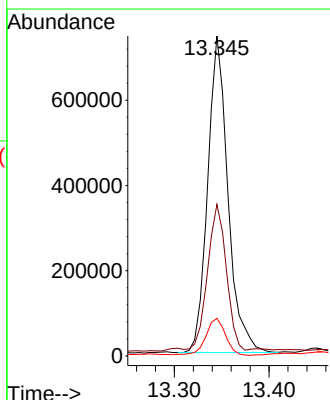
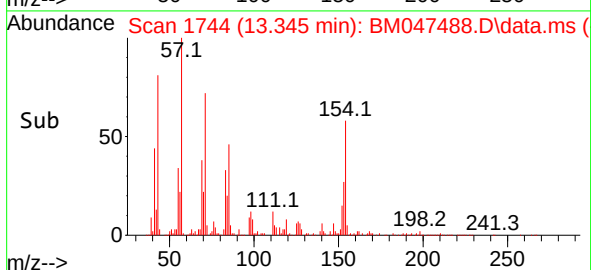
Reviewed By :Jagrut Upadhyay 09/12/2024
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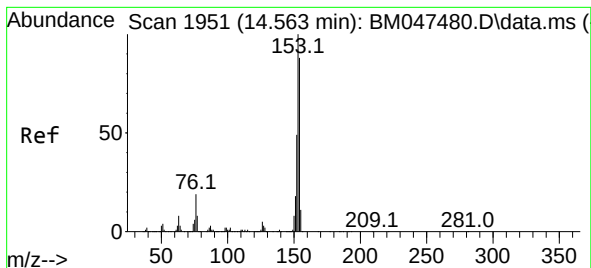


#43
1,1'-Biphenyl
Concen: 7.052 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18



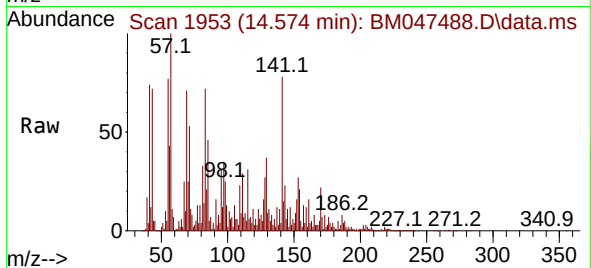
Tgt Ion:154 Resp: 1104548
Ion Ratio Lower Upper
154 100
153 47.3 32.3 48.5
76 11.7 11.0 16.4





#52
Acenaphthene
Concen: 2.285 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.011 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18

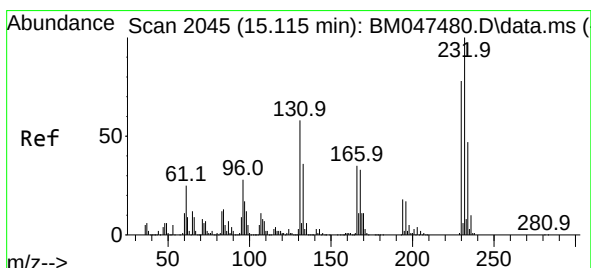
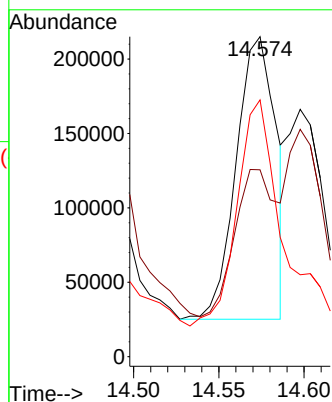
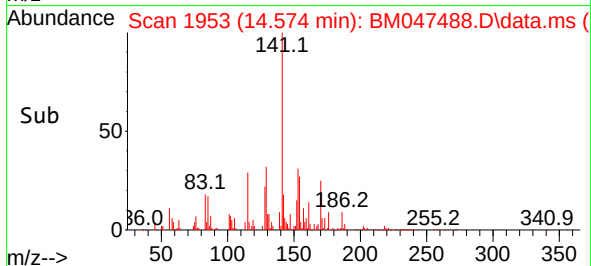
Instrument :
BNA_M
ClientSampleId :
DCVZ1



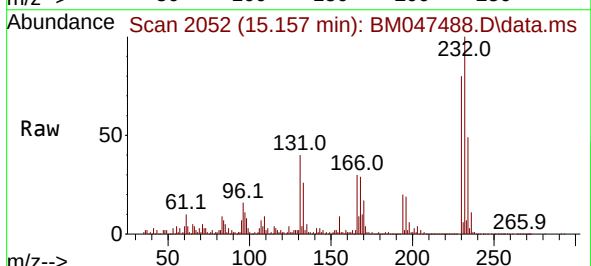
Tgt Ion:153 Resp: 309279
Ion Ratio Lower Upper
153 100
152 58.4 38.3 57.5#
154 80.3 70.2 105.2#

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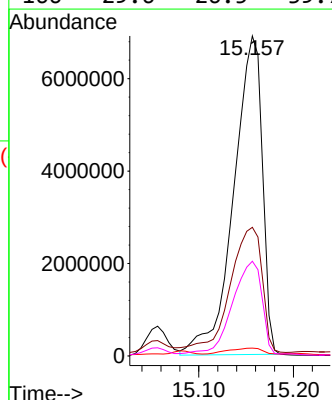
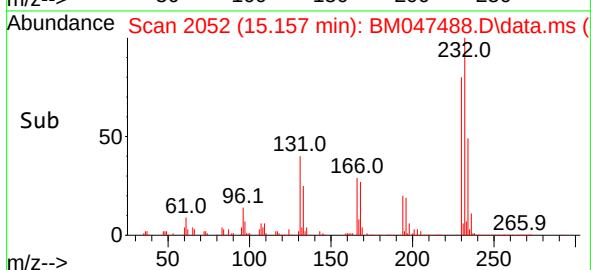
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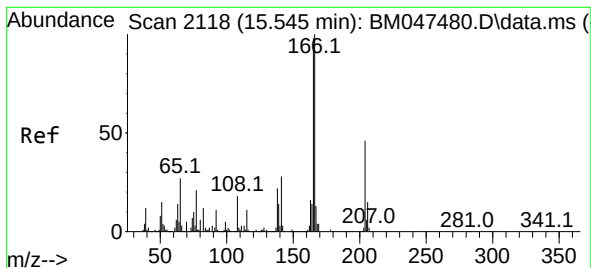


#58
2,3,4,6-Tetrachlorophenol
Concen: 477.535 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. 0.035 min
Lab File: BM047488.D
Acq: 11 Sep 2024 19:18



Tgt Ion:232 Resp:14457516
Ion Ratio Lower Upper
232 100
131 40.2 44.3 66.5#
130 2.5 2.5 3.7#
166 29.6 26.5 39.7#





#61

Fluorene

Concen: 4.966 ng/ul

RT: 15.557 min Scan# 2118

Delta R.T. 0.011 min

Lab File: BM047488.D

Acq: 11 Sep 2024 19:18

Instrument :

BNA_M

ClientSampleId :

DCVZ1

Tgt Ion:166 Resp: 762430

Ion Ratio Lower Upper

166 100

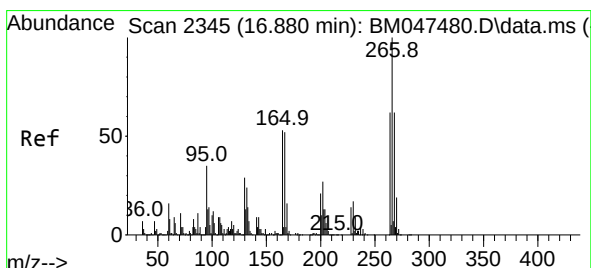
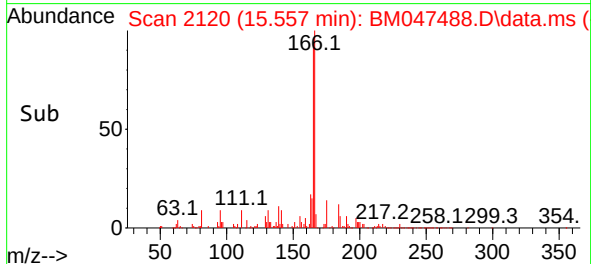
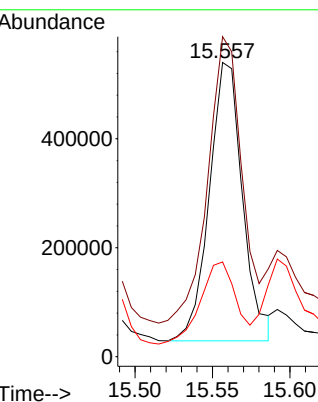
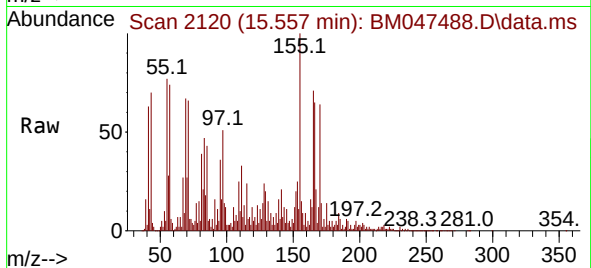
165 108.8 78.5 117.7

167 32.2 11.0 16.6

Manual Integrations

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#71

Pentachlorophenol

Concen: 2163.777 ng/ul m

RT: 16.927 min Scan# 2353

Delta R.T. 0.041 min

Lab File: BM047488.D

Acq: 11 Sep 2024 19:18

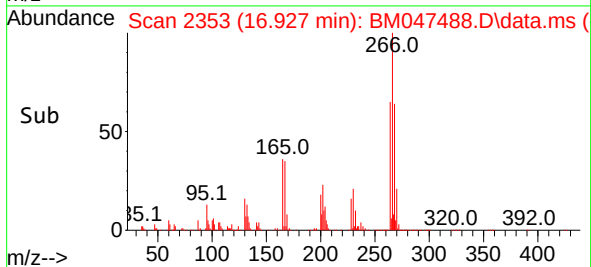
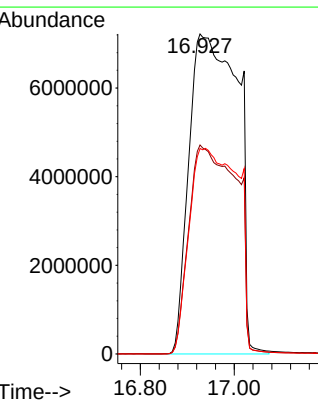
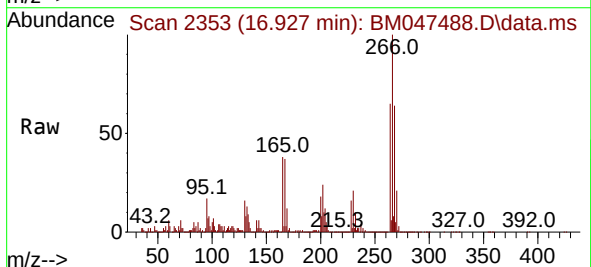
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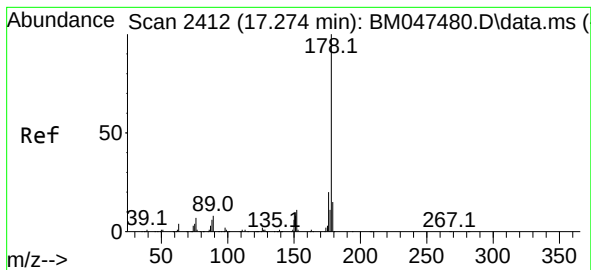
Ion Ratio Lower Upper

266 100

264 65.3 49.5 74.3

268 64.2 51.0 76.4





#72

Phenanthrene

Concen: 15.274 ng/ul

RT: 17.315 min Scan# 2412

Delta R.T. 0.035 min

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Tgt Ion:178 Resp: 280400

Ion Ratio Lower Upper

178 100

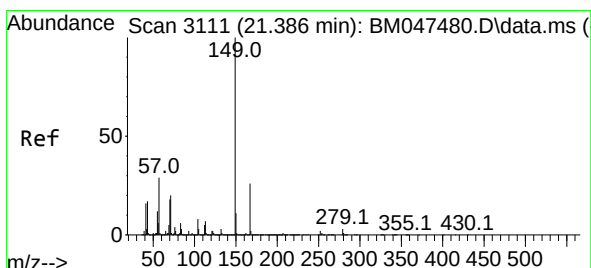
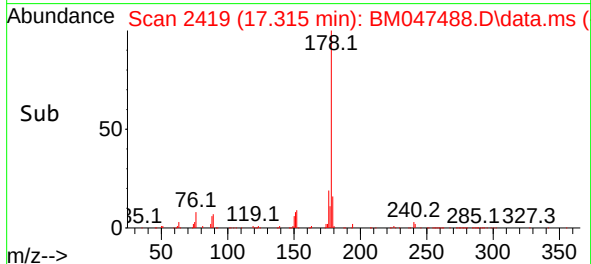
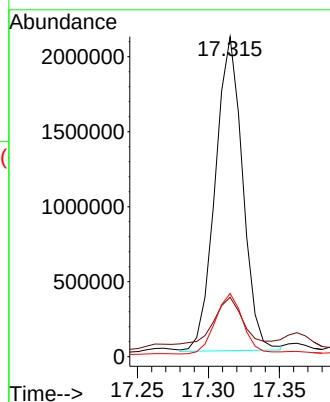
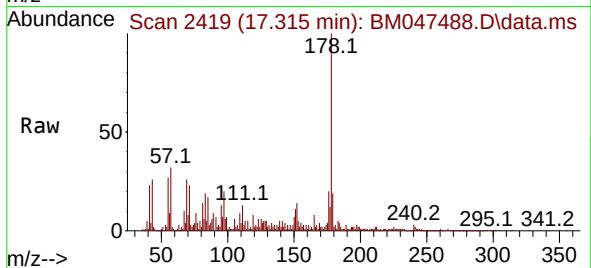
179 18.6 12.2 18.2

176 19.7 15.5 23.3

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.529 ng/ul

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM047488.D

Acq: 11 Sep 2024 19:18

Tgt Ion:149 Resp: 165495

Ion Ratio Lower Upper

149 100

167 32.8 20.9 31.3#

279 5.7 2.6 4.0#

