

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047483.D
 Acq On : 11 Sep 2024 16:00
 Operator : RC/JU
 Sample : P3878-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCJ0

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 04:15:57 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	573902	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	2052489	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	1504292	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	2548459	20.000	ng/u1	0.02
79) Chrysene-d12	21.462	240	1716343	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	1789250	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	48937	3.439	ng/uL	0.00
4) Pyridine-d5	3.716	84	513716	11.300	ng/u1	0.00
7) Phenol-d5	7.034	99	997041	18.534	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	1145040	34.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	819316	19.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	1365529	32.294	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	462575	29.184	ng/u1	0.01
24) 2-Nitrophenol-d4	9.751	143	377032	25.179	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	730664	23.997	ng/u1	0.01
31) 4-Chloroaniline-d4	10.798	131	1614551	32.400	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2088507	18.889	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2530670	18.968	ng/u1	0.01
54) 4-Nitrophenol-d4	14.669	143	1188524m	54.253	ng/u1	0.00
60) Fluorene-d10	15.504	176	1835233	19.208	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	230438	17.104	ng/u1	0.01
73) Anthracene-d10	17.357	188	2540724	20.704	ng/u1	0.02
81) Pyrene-d10	19.621	212	2404859	24.041	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	1926825	20.265	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	6159611	54.471	ng/u1	97
36) 2-Methylnaphthalene	12.345	142	7466460	96.056	ng/u1	99
37) 1-Methylnaphthalene	12.563	142	4544321	57.864	ng/u1	99
41) 2,4,6-Trichlorophenol	12.945	196	103295	3.770	ng/u1	99
42) 2,4,5-Trichlorophenol	13.016	196	63456	2.131	ng/u1	96
43) 1,1'-Biphenyl	13.345	154	919796	7.757	ng/u1	94
52) Acenaphthene	14.569	153	204139	1.992	ng/u1#	87
58) 2,3,4,6-Tetrachlorophenol	15.145	232	8288780	361.655	ng/u1	93
61) Fluorene	15.557	166	475499	4.091	ng/u1#	87
71) Pentachlorophenol	16.927	266	40371076m	2129.376	ng/u1	
72) Phenanthrene	17.304	178	1561251	10.739	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	21.386	149	191667	2.203	ng/u1#	89

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

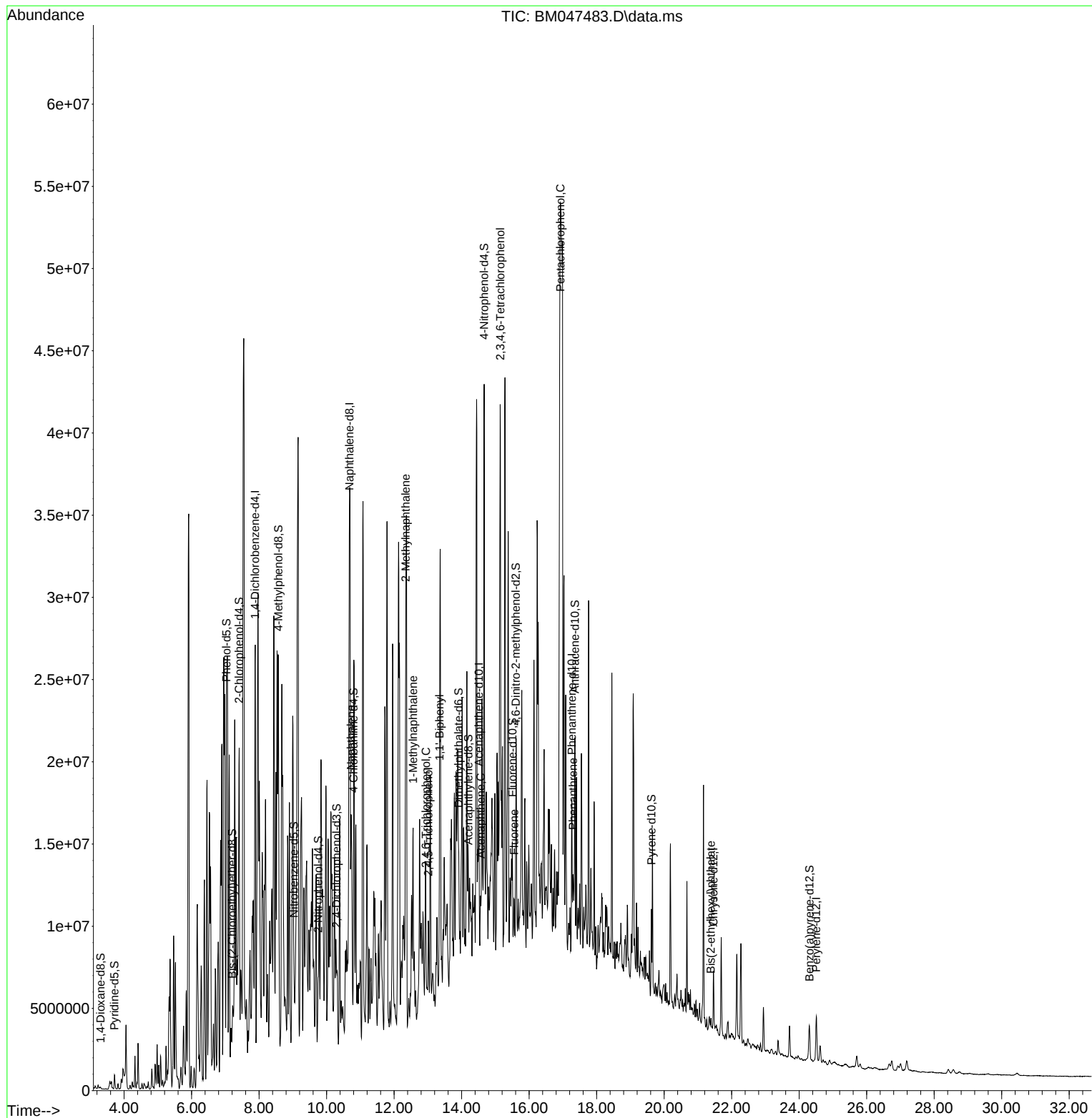
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047483.D
Acq On : 11 Sep 2024 16:00
Operator : RC/JU
Sample : P3878-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

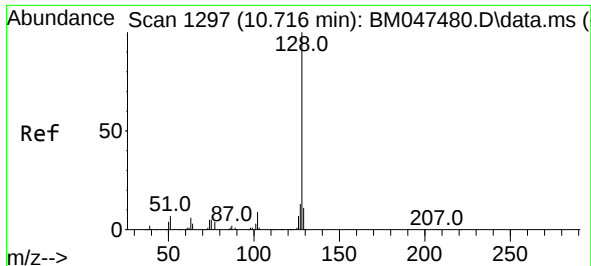
Instrument :
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ClientSampleId :
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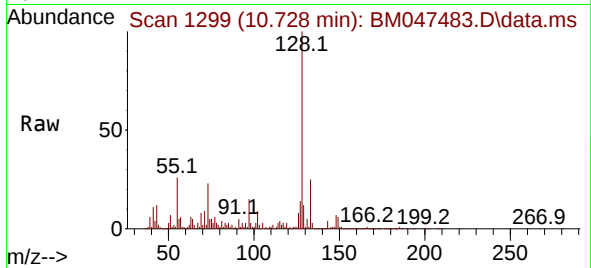
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 54.471 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

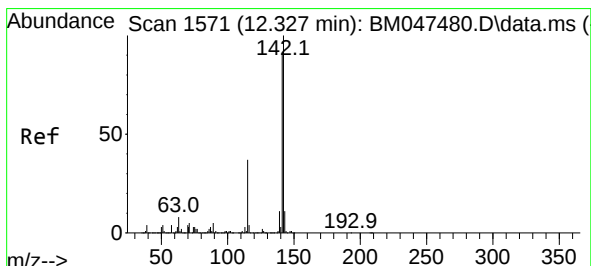
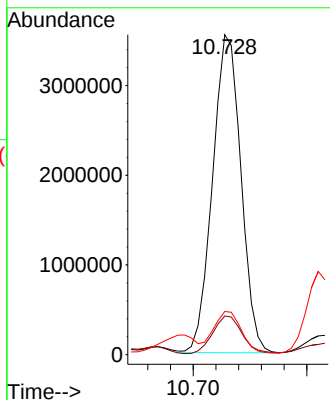
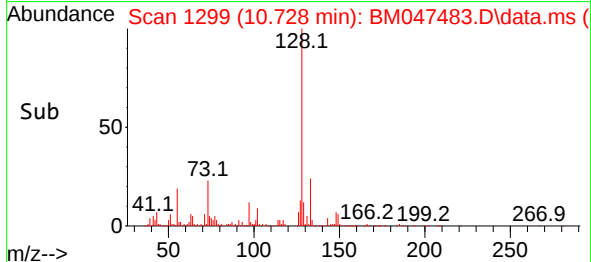
Instrument :
BNA_M
ClientSampleId :
DDCJ0



Tgt Ion:128 Resp: 615961
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 13.5 10.1 15.1

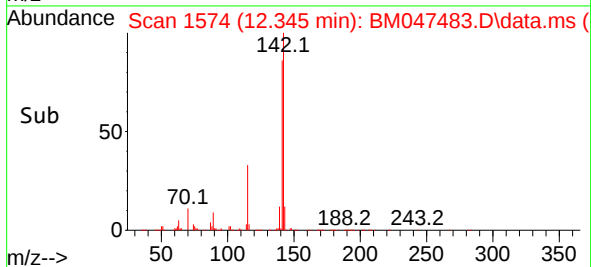
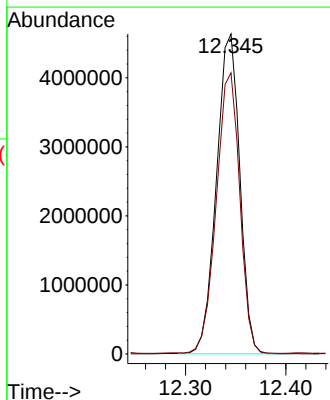
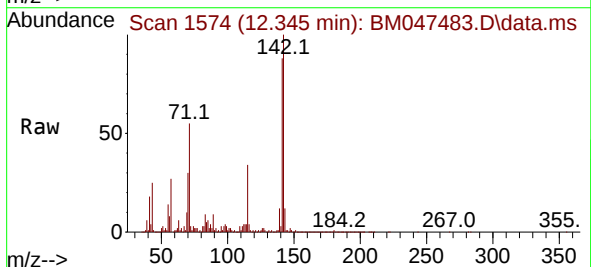
Manual Integrations
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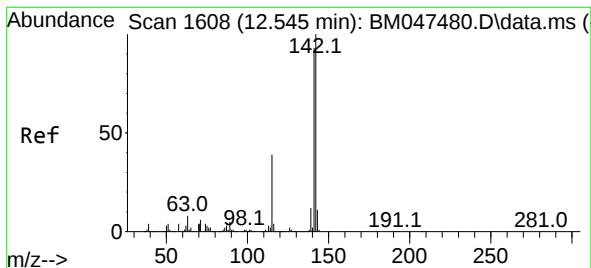
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 96.056 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

Tgt Ion:142 Resp: 7466460
Ion Ratio Lower Upper
142 100
141 87.8 71.3 106.9





#37

1-Methylnaphthalene

Concen: 57.864 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM047483.D

Acq: 11 Sep 2024 16:00

Instrument :

BNA_M

ClientSampleId :

DDCJ0

Tgt Ion:142 Resp: 454432

Ion Ratio Lower Upper

142 100

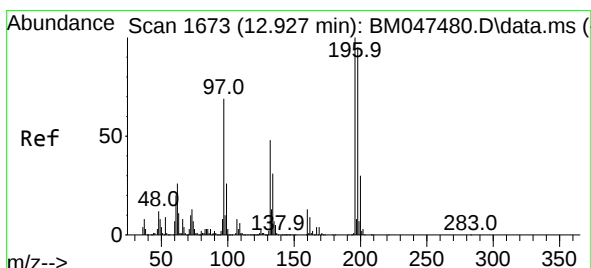
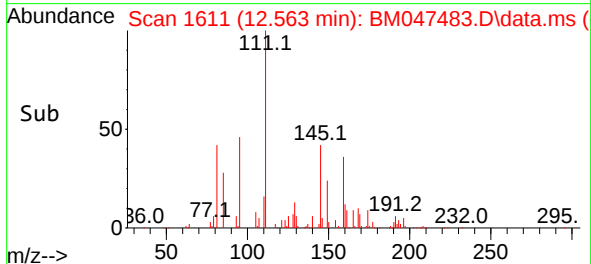
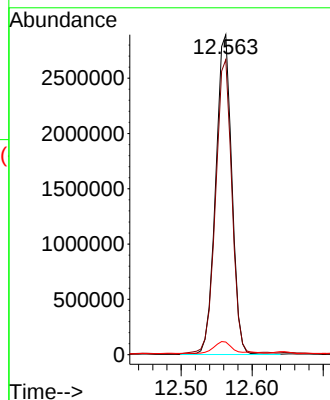
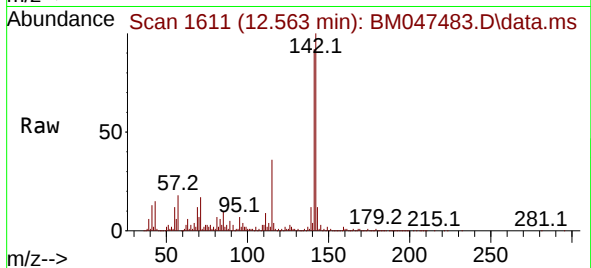
141 92.2 72.9 109.3

116 4.0 3.2 4.8

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#41

2,4,6-Trichlorophenol

Concen: 3.770 ng/ul

RT: 12.945 min Scan# 1676

Delta R.T. 0.012 min

Lab File: BM047483.D

Acq: 11 Sep 2024 16:00

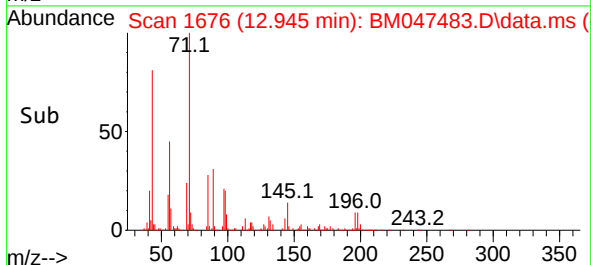
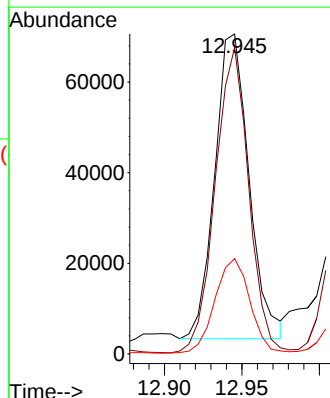
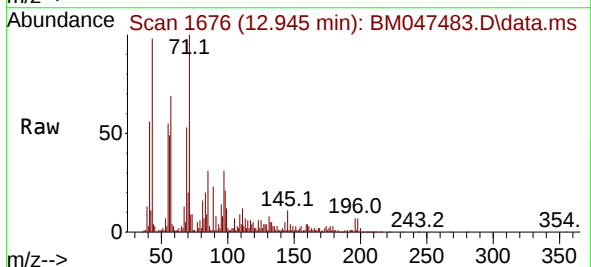
Tgt Ion:196 Resp: 103295

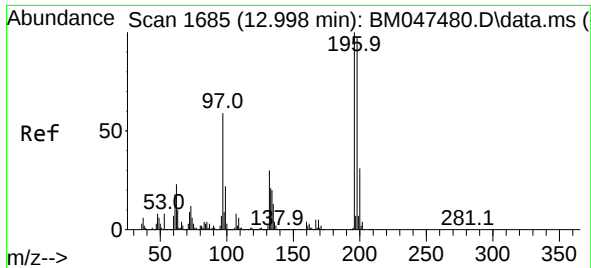
Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.6

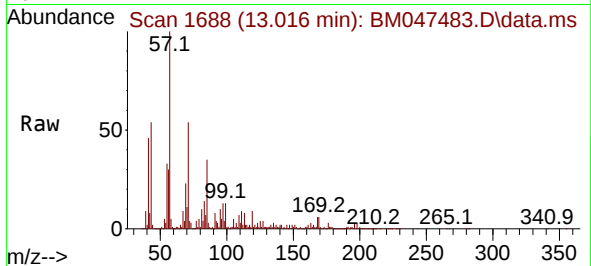
200 29.8 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 2.131 ng/ul
RT: 13.016 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

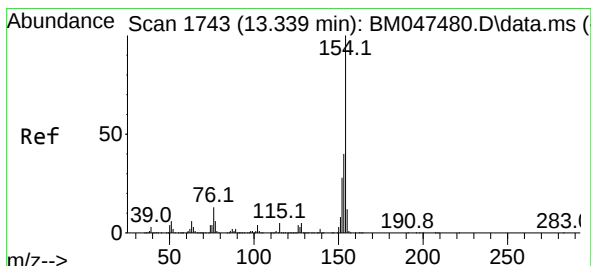
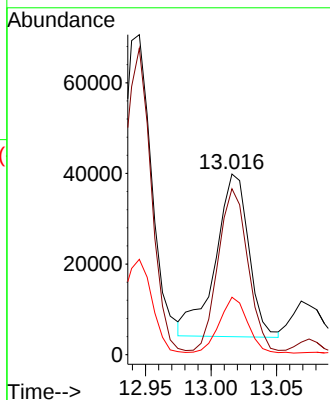
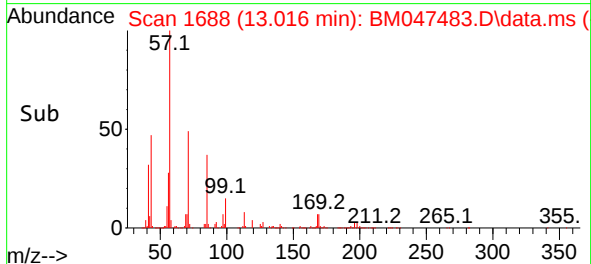
Instrument :
BNA_M
ClientSampleId :
DDCJ0



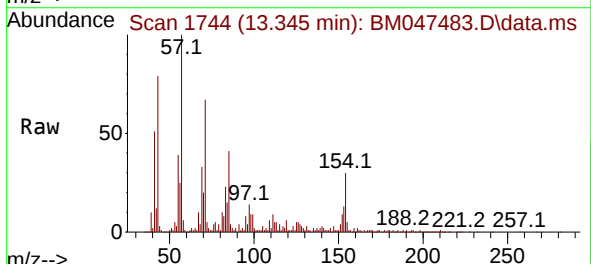
Tgt Ion:196 Resp: 63450
Ion Ratio Lower Upper
196 100
198 91.9 76.8 115.2
200 31.8 24.2 36.4

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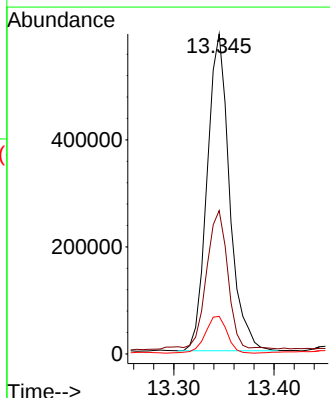
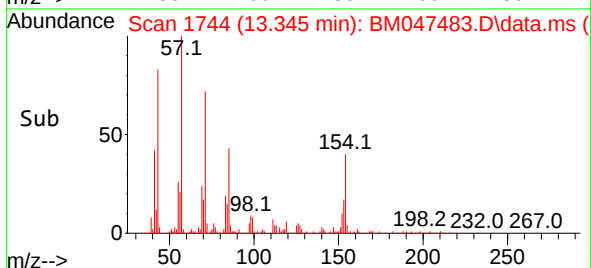
Reviewed By :Jagrut Upadhyay 09/12/2024
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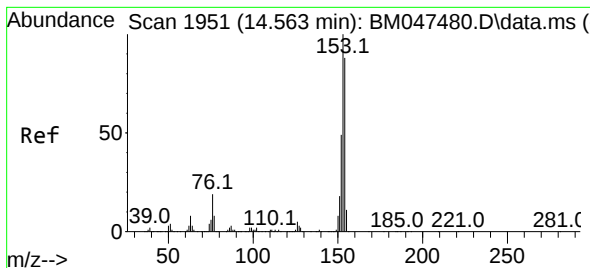


#43
1,1'-Biphenyl
Concen: 7.757 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00



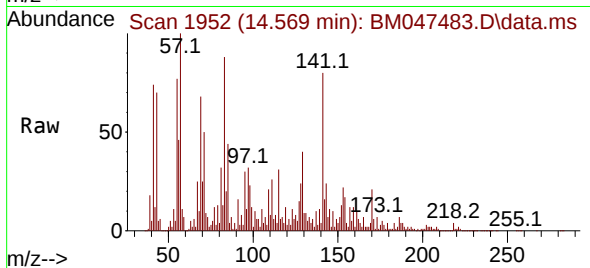
Tgt Ion:154 Resp: 919796
Ion Ratio Lower Upper
154 100
153 44.8 32.3 48.5
76 11.8 11.0 16.4





#52
Acenaphthene
Concen: 1.992 ng/ul
RT: 14.569 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

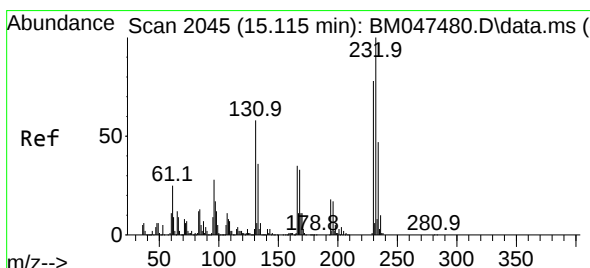
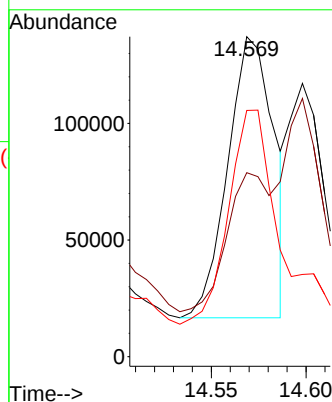
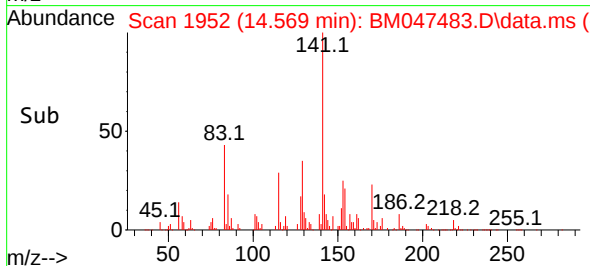
Instrument :
BNA_M
ClientSampleId :
DDCJ0



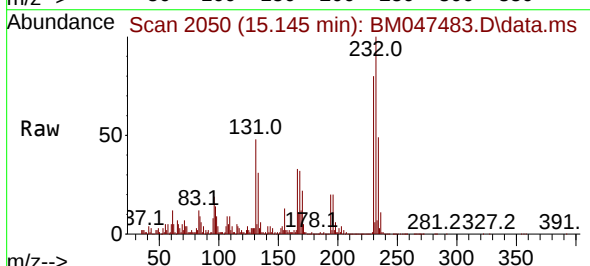
Tgt Ion:153 Resp: 204139
Ion Ratio Lower Upper
153 100
152 57.5 38.3 57.5
154 77.0 70.2 105.2

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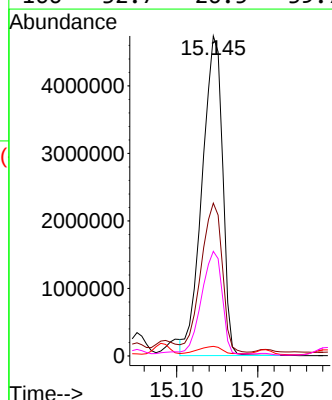
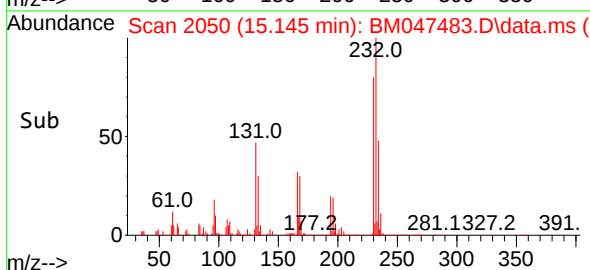
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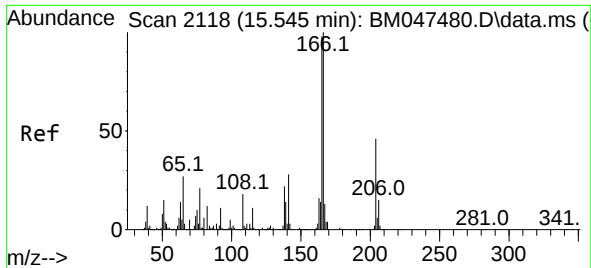


#58
2,3,4,6-Tetrachlorophenol
Concen: 361.655 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. 0.024 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00



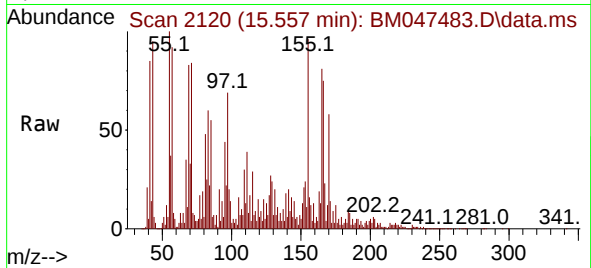
Tgt Ion:232 Resp: 8288780
Ion Ratio Lower Upper
232 100
131 47.7 44.3 66.5
130 3.0 2.5 3.7
166 32.7 26.5 39.7





#61
Fluorene
Concen: 4.091 ng/ul
RT: 15.557 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

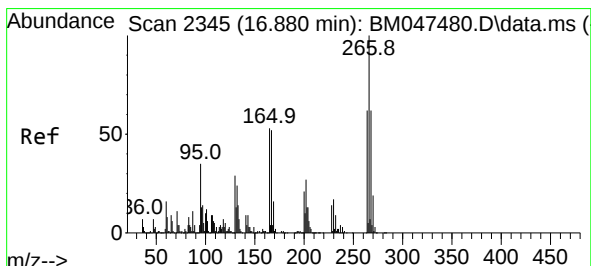
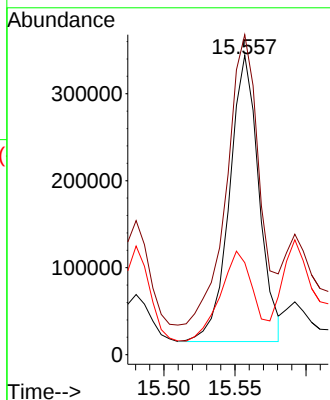
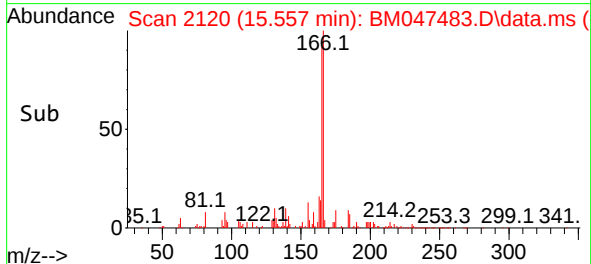
Instrument :
BNA_M
ClientSampleId :
DDCJ0



Tgt Ion:166 Resp: 475499
Ion Ratio Lower Upper
166 100
165 106.9 78.5 117.7
167 30.7 11.0 16.6

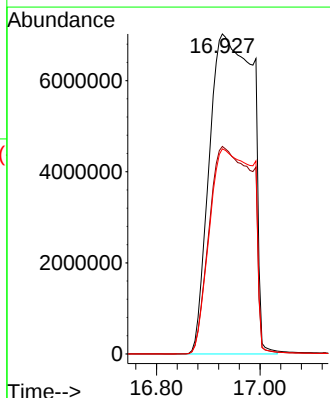
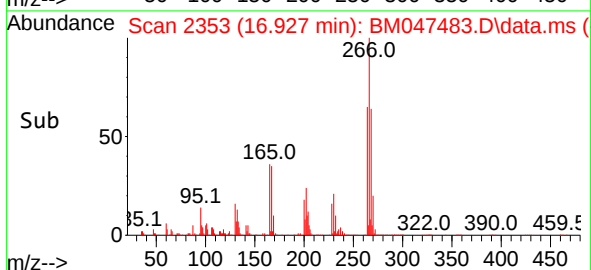
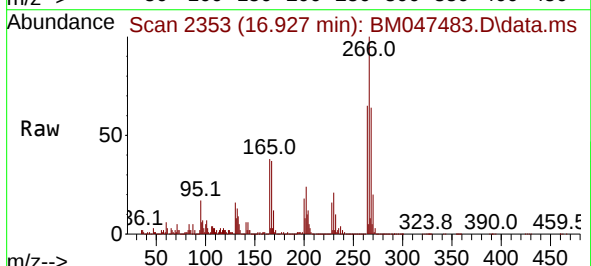
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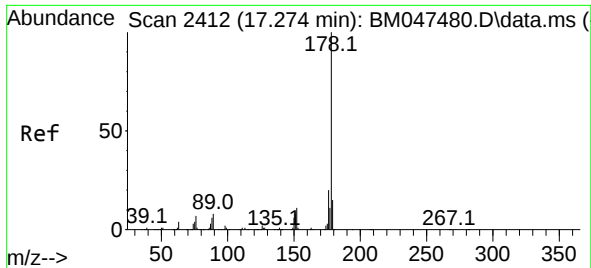
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Pentachlorophenol
Concen: 2129.376 ng/ul m
RT: 16.927 min Scan# 2353
Delta R.T. 0.041 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

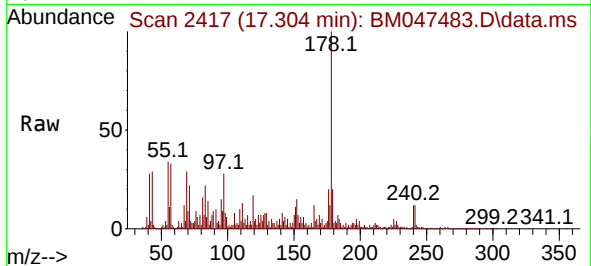
Tgt Ion:266 Resp:40371076
Ion Ratio Lower Upper
266 100
264 64.8 49.5 74.3
268 64.1 51.0 76.4





#72
Phenanthrene
Concen: 10.739 ng/ul
RT: 17.304 min Scan# 2412
Delta R.T. 0.024 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

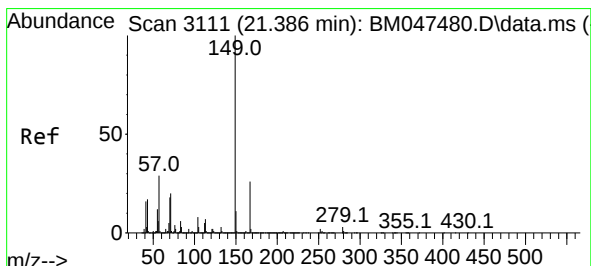
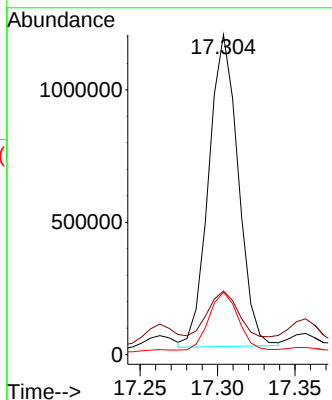
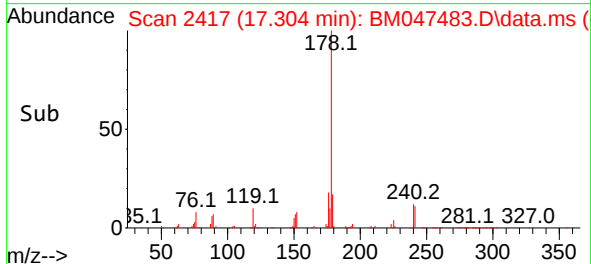
Instrument :
BNA_M
ClientSampleId :
DDCJ0



Tgt Ion:178 Resp: 156125
Ion Ratio Lower Upper
178 100
179 19.9 12.2 18.2
176 19.6 15.5 23.3

Manual Integrations
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Supervised By :mohammad ahmed 09/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.203 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM047483.D
Acq: 11 Sep 2024 16:00

Tgt Ion:149 Resp: 191667
Ion Ratio Lower Upper
149 100
167 31.8 20.9 31.3#
279 5.6 2.6 4.0#

