

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047485.D
 Acq On : 11 Sep 2024 17:19
 Operator : RC/JU
 Sample : P3878-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVZ0

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 17:59:54 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	7.875	152	734515	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	2874660	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.504	164	1879158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	3307375	20.000	ng/u1	0.02
79) Chrysene-d12	21.462	240	2335453	20.000	ng/u1	0.00
88) Perylene-d12	24.509	264	2270829	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	60897	3.344	ng/uL	0.00
4) Pyridine-d5	3.722	84	719549	12.366	ng/u1	0.01
7) Phenol-d5	7.045	99	1389362	20.179	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.198	67	903359	21.079	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	1090811	20.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	1426704	26.363	ng/u1	0.01
21) Nitrobenzene-d5	9.028	128	572584	25.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	550997	26.272	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	1009720	23.678	ng/u1	0.02
31) 4-Chloroaniline-d4	10.798	131	1251173	17.927	ng/u1	0.00
46) Dimethylphthalate-d6	13.915	166	3026475	21.912	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	3625314	21.752	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	594336	21.718	ng/u1	0.01
60) Fluorene-d10	15.498	176	2620307	21.954	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	253684	14.509	ng/u1	0.00
73) Anthracene-d10	17.351	188	3697442	23.216	ng/u1	0.02
81) Pyrene-d10	19.621	212	3765849	27.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	2829098	23.445	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.727	128	3169538	20.013	ng/u1	97
36) 2-Methylnaphthalene	12.339	142	5129040	47.113	ng/u1	99
37) 1-Methylnaphthalene	12.557	142	2945488	26.779	ng/u1	98
41) 2,4,6-Trichlorophenol	12.939	196	60469	1.766	ng/u1	97
42) 2,4,5-Trichlorophenol	13.010	196	68642	1.845	ng/u1	100
43) 1,1'-Biphenyl	13.339	154	553001	3.733	ng/u1	91
52) Acenaphthene	14.568	153	161329	1.260	ng/u1	90
58) 2,3,4,6-Tetrachlorophenol	15.139	232	8839473	308.744	ng/u1	94
61) Fluorene	15.551	166	382824	2.637	ng/u1#	86
71) Pentachlorophenol	16.927	266	40591988m	1649.744	ng/u1	
72) Phenanthrene	17.298	178	1562164	8.279	ng/u1#	96

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

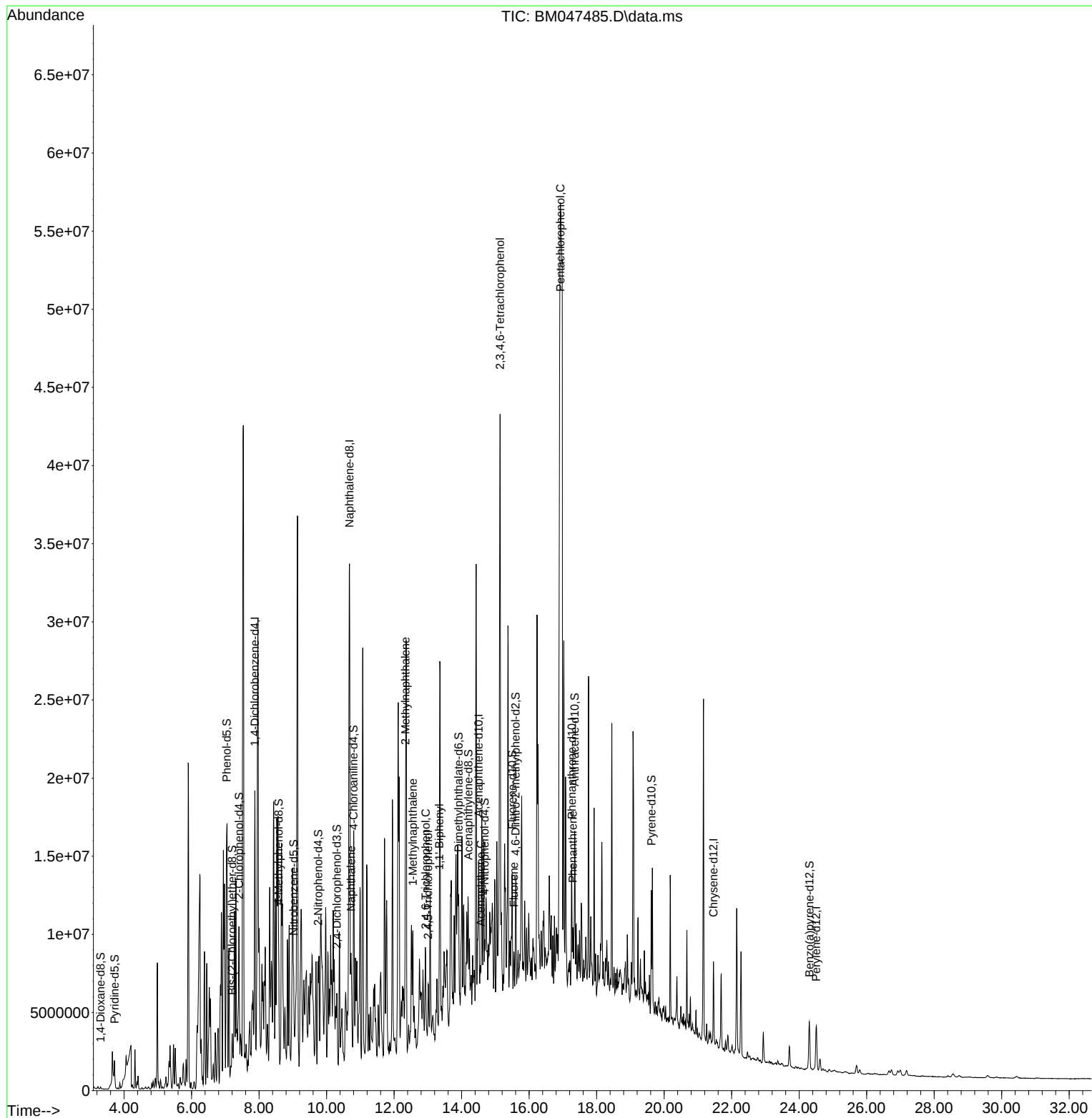
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047485.D
Acq On : 11 Sep 2024 17:19
Operator : RC/JU
Sample : P3878-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

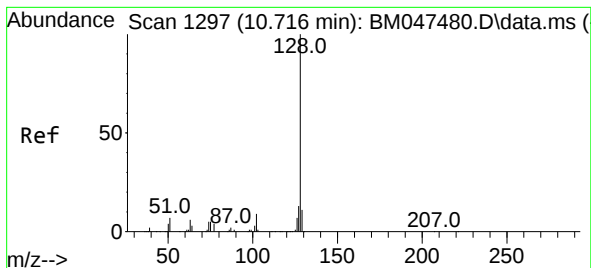
Instrument :
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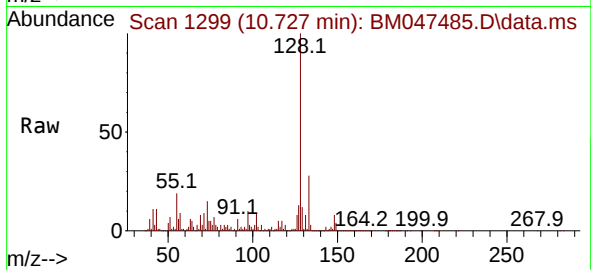
Quant Time: Sep 11 17:59:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 20.013 ng/ul
RT: 10.727 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19

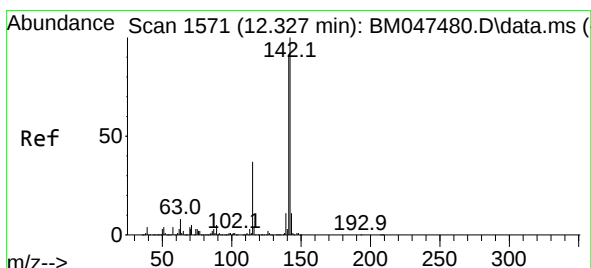
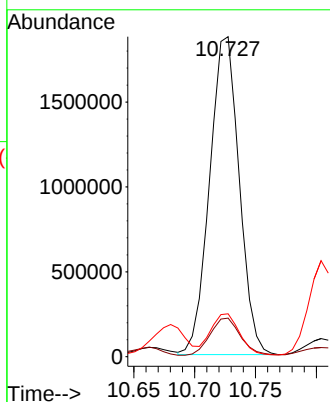
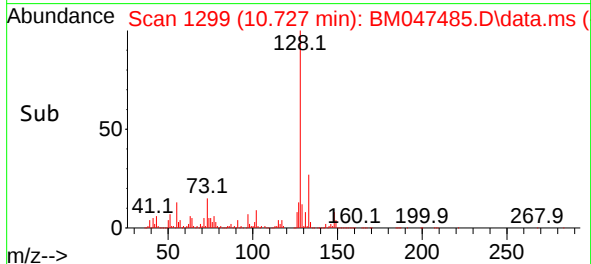
Instrument :
BNA_M
ClientSampleId :
DCVZ0



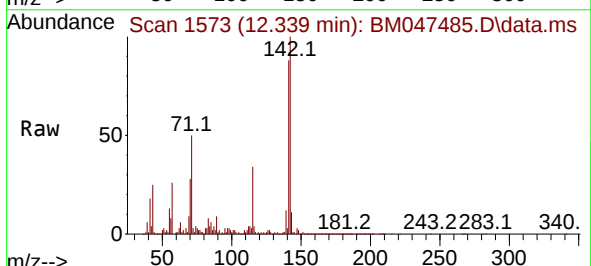
Tgt Ion:128 Resp: 3169538
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 13.4 10.1 15.1

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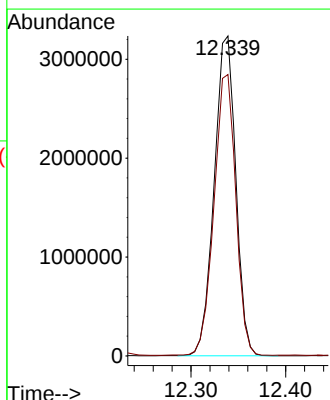
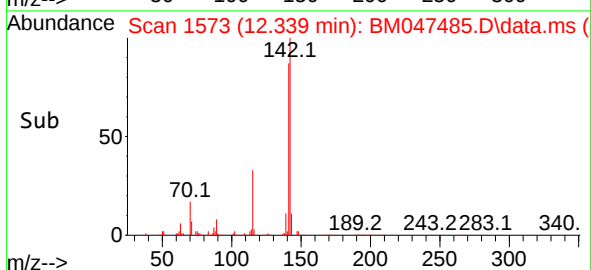
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

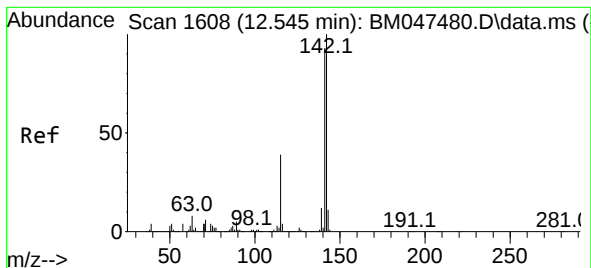


#36
2-Methylnaphthalene
Concen: 47.113 ng/ul
RT: 12.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19



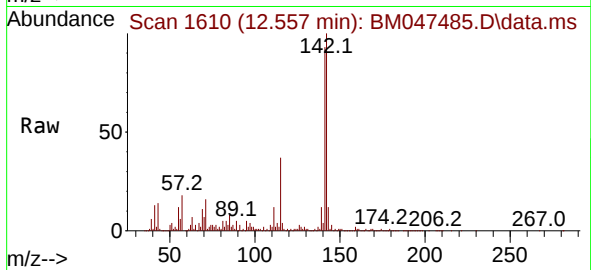
Tgt Ion:142 Resp: 5129040
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9





#37
1-Methylnaphthalene
Concen: 26.779 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19

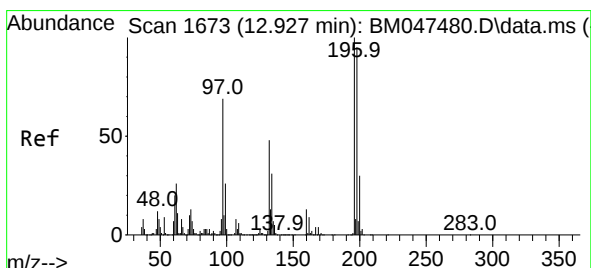
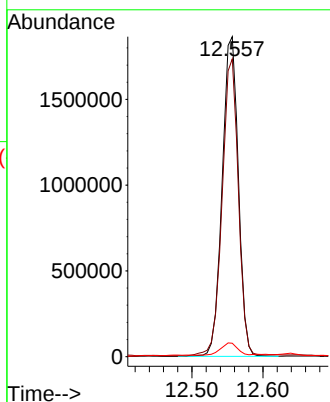
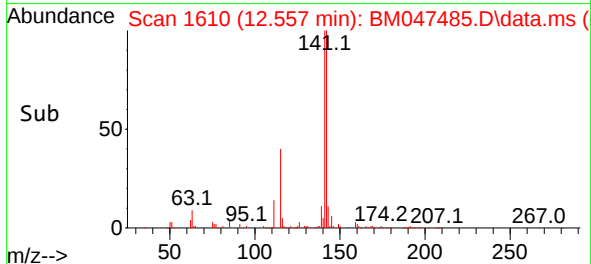
Instrument :
BNA_M
ClientSampleId :
DCVZ0



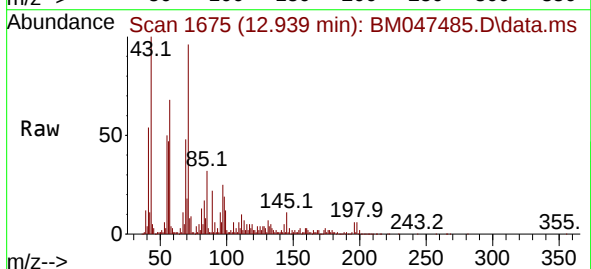
Tgt Ion:142 Resp: 2945488
Ion Ratio Lower Upper
142 100
141 93.1 72.9 109.3
116 4.2 3.2 4.8

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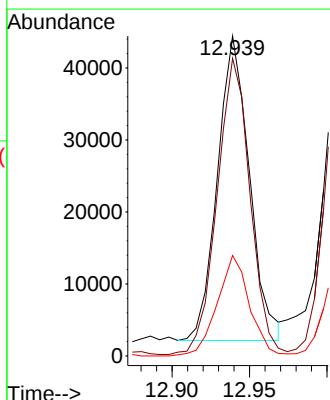
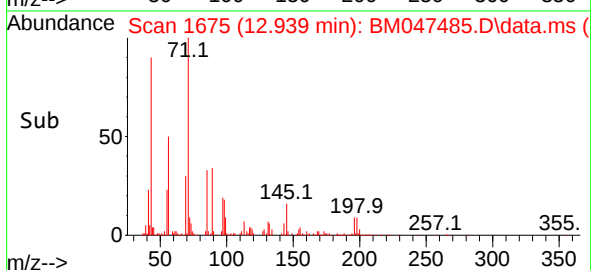
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

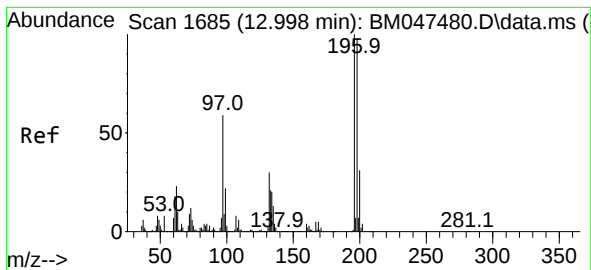


#41
2,4,6-Trichlorophenol
Concen: 1.766 ng/ul
RT: 12.939 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19



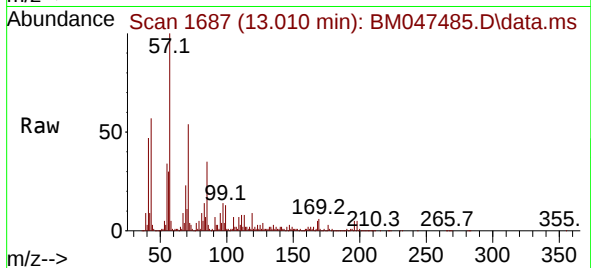
Tgt Ion:196 Resp: 60469
Ion Ratio Lower Upper
196 100
198 93.0 77.0 115.6
200 31.4 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 1.845 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. 0.011 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19

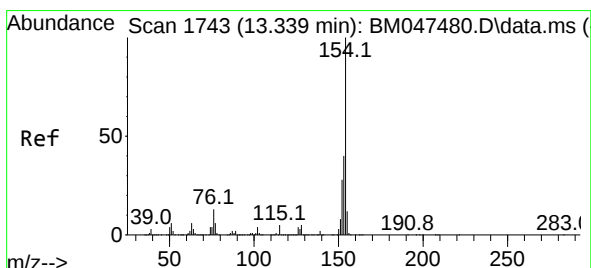
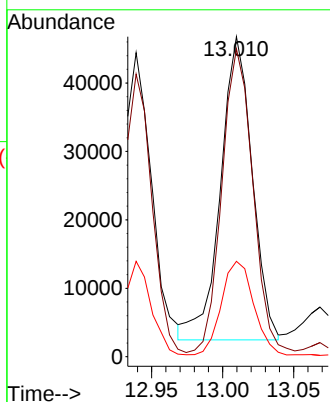
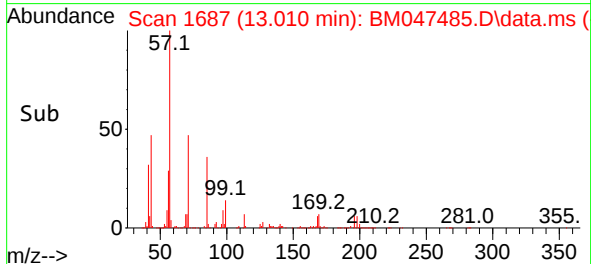
Instrument :
BNA_M
ClientSampleId :
DCVZ0



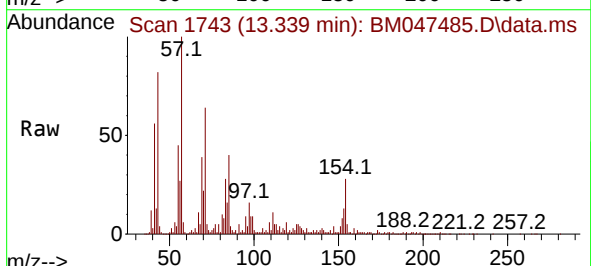
Tgt Ion:196 Resp: 6864
Ion Ratio Lower Upper
196 100
198 96.2 76.8 115.2
200 29.8 24.2 36.4

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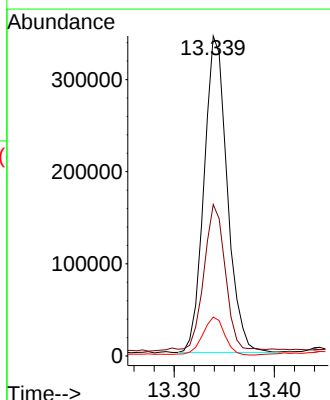
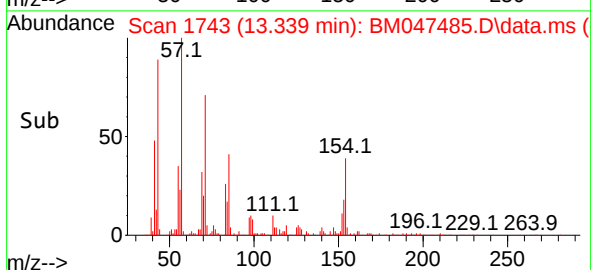
Reviewed By :Jagrut Upadhyay 09/12/2024
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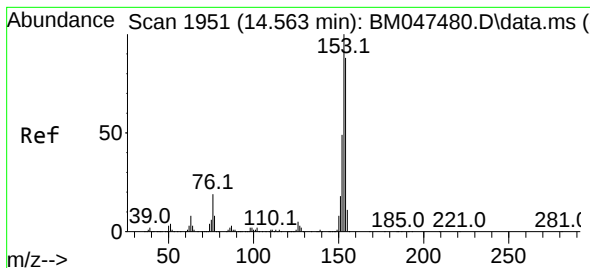


#43
1,1'-Biphenyl
Concen: 3.733 ng/ul
RT: 13.339 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19



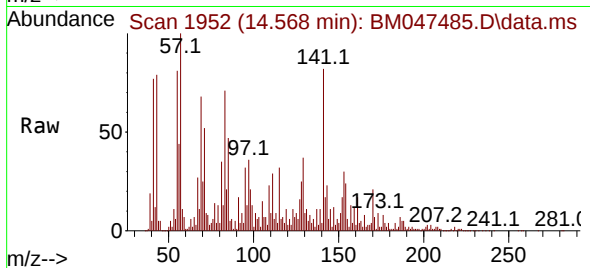
Tgt Ion:154 Resp: 553001
Ion Ratio Lower Upper
154 100
153 47.3 32.3 48.5
76 12.2 11.0 16.4





#52
Acenaphthene
Concen: 1.260 ng/ul
RT: 14.568 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19

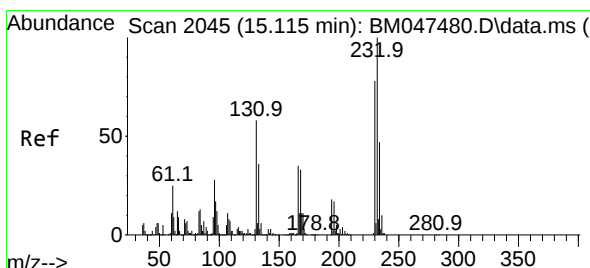
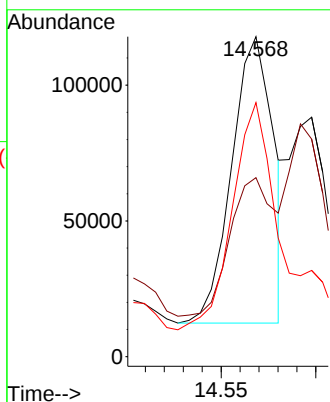
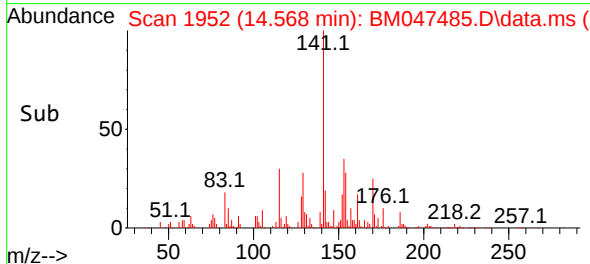
Instrument :
BNA_M
ClientSampleId :
DCVZ0



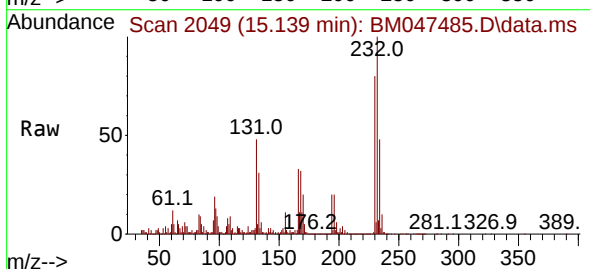
Tgt Ion:153 Resp: 161329
Ion Ratio Lower Upper
153 100
152 56.0 38.3 57.5
154 79.4 70.2 105.2

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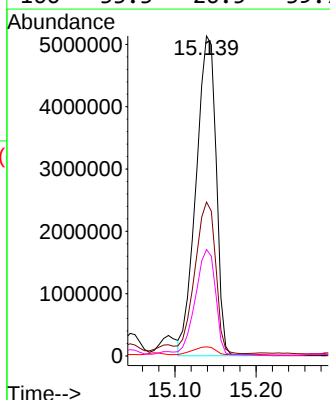
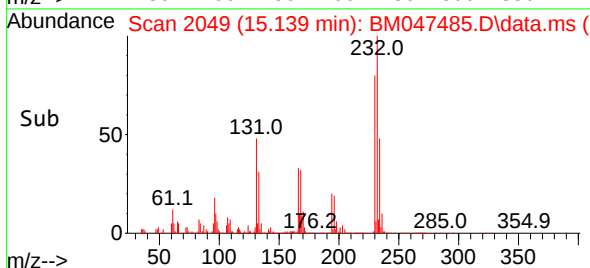
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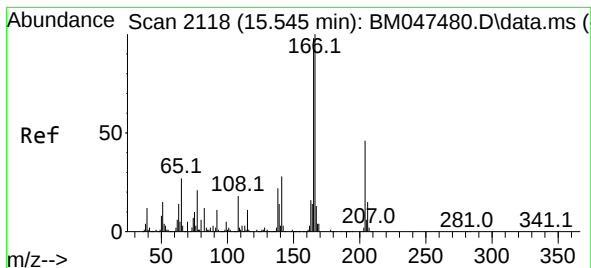


#58
2,3,4,6-Tetrachlorophenol
Concen: 308.744 ng/ul
RT: 15.139 min Scan# 2049
Delta R.T. 0.017 min
Lab File: BM047485.D
Acq: 11 Sep 2024 17:19



Tgt Ion:232 Resp: 8839473
Ion Ratio Lower Upper
232 100
131 48.1 44.3 66.5
130 2.9 2.5 3.7
166 33.3 26.5 39.7





#61

Fluorene

Concen: 2.637 ng/ul

RT: 15.551 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BM047485.D

Acq: 11 Sep 2024 17:19

Instrument :

BNA_M

ClientSampleId :

DCVZ0

Tgt Ion:166 Resp: 382824

Ion Ratio Lower Upper

166 100

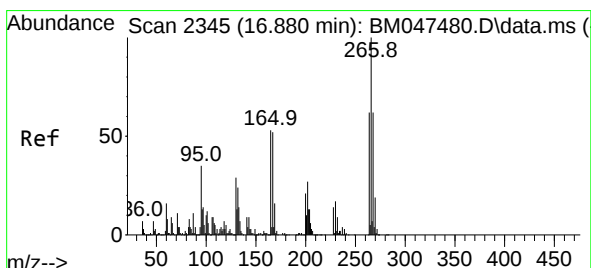
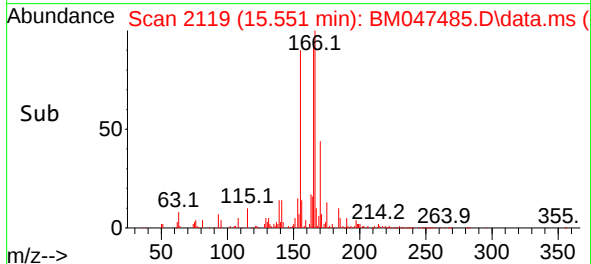
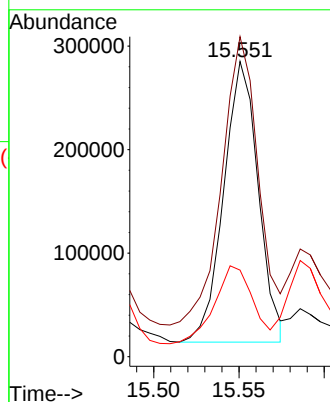
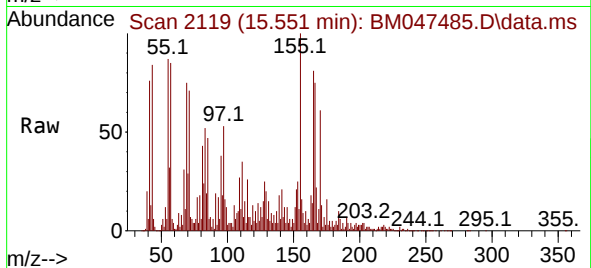
165 108.4 78.5 117.7

167 29.3 11.0 16.6

Manual Integrations

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#71

Pentachlorophenol

Concen: 1649.744 ng/ul m

RT: 16.927 min Scan# 2353

Delta R.T. 0.041 min

Lab File: BM047485.D

Acq: 11 Sep 2024 17:19

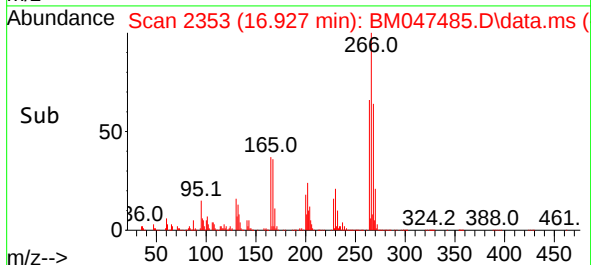
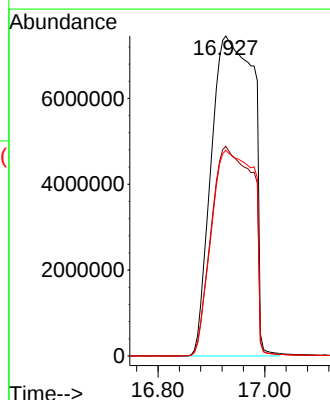
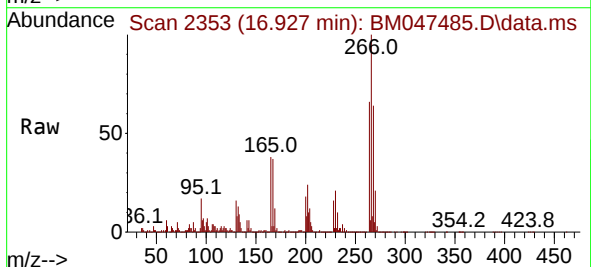
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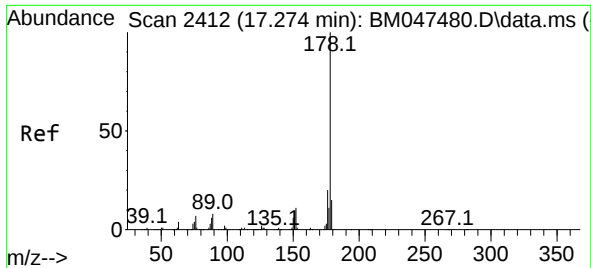
Ion Ratio Lower Upper

266 100

264 65.5 49.5 74.3

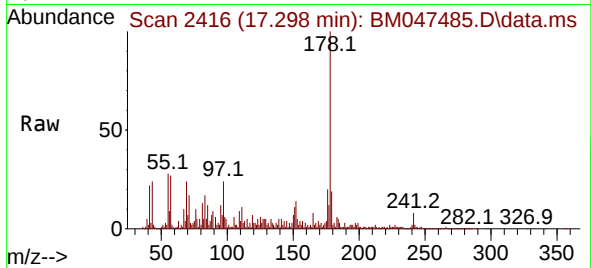
268 64.3 51.0 76.4





#72
 Phenanthrene
 Concen: 8.279 ng/ul
 RT: 17.298 min Scan# 2416
 Delta R.T. 0.017 min
 Lab File: BM047485.D
 Acq: 11 Sep 2024 17:19

Instrument :
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Tgt Ion:178 Resp: 1562164
 Ion Ratio Lower Upper
 178 100
 179 18.6 12.2 18.2
 176 20.0 15.5 23.3

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