

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126182.D
 Acq On : 13 Nov 2021 22:34
 Operator : JU/CG
 Sample : M4595-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-OF4-001-002

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 10:33:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	267095	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	993884	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	542431	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	658166	20.000	ng	0.00
76) Chrysene-d12	13.992	240	411693	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	601471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1347062	86.609	ng	0.00
7) Phenol-d6	6.457	99	1985534	90.559	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1388457	65.883	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	495548	79.718	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2469340	61.519	ng	0.00
79) Terphenyl-d14	12.945	244	1570801	61.526	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.833	122	1640m	9.297	ng	

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

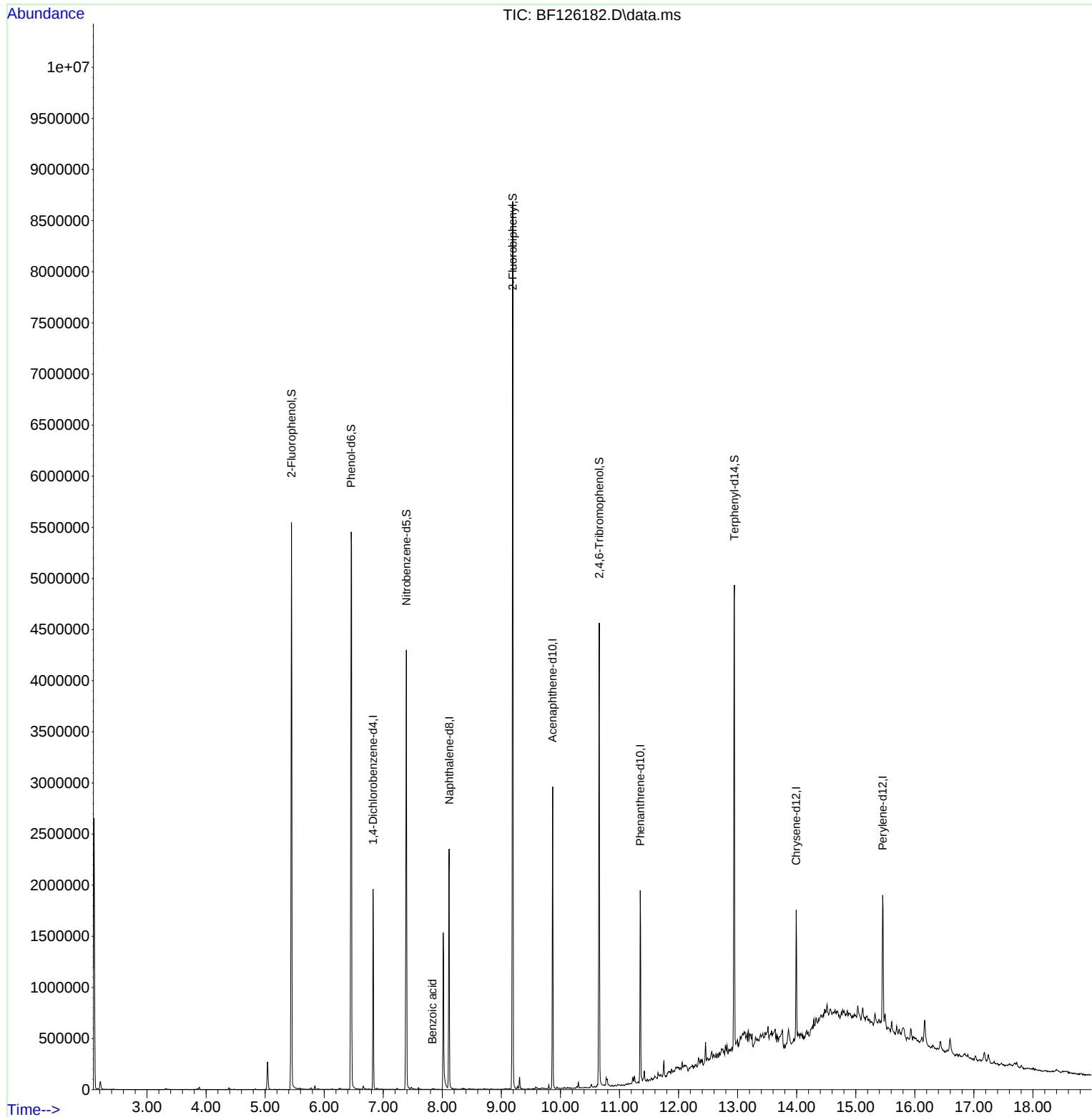
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
Data File : BF126182.D
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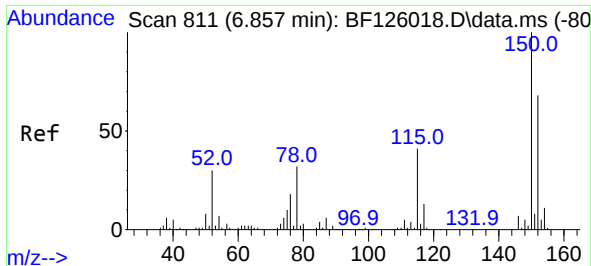
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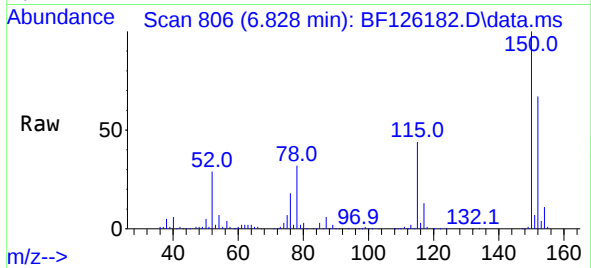
Quant Time: Nov 15 10:33:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

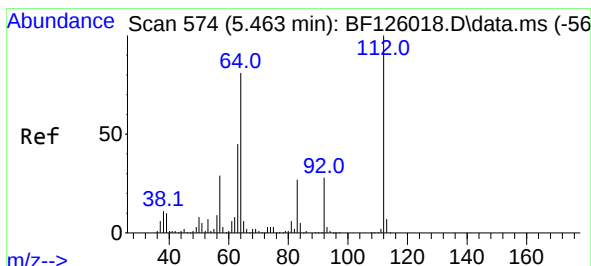
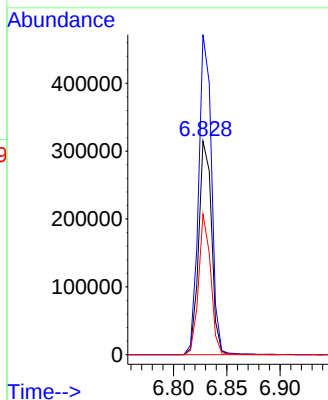
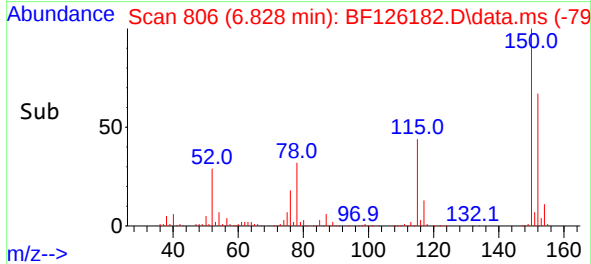
Instrument :
BNA_F
ClientSampleId :
CMC-OF4-001-002



Tgt Ion:152 Resp: 267095
Ion Ratio Lower Upper
152 100
150 149.9 117.6 176.4
115 65.8 47.1 70.7

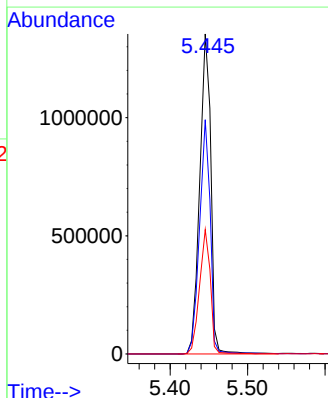
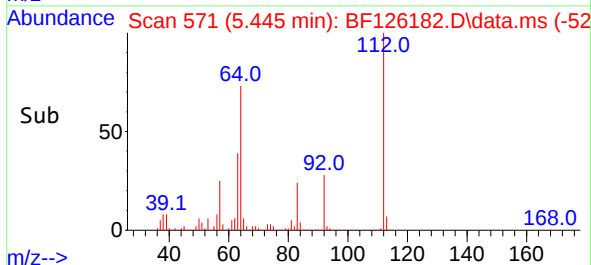
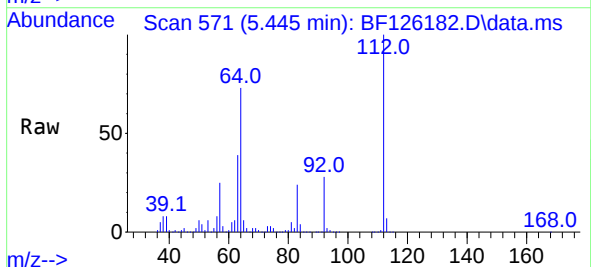
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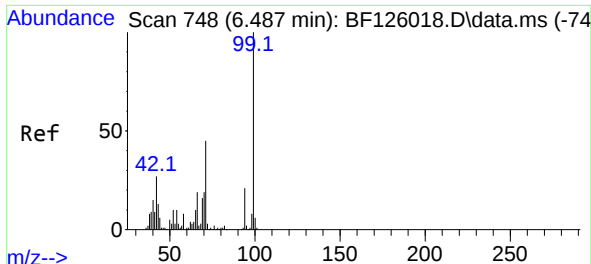
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#5
2-Fluorophenol
Concen: 86.609 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

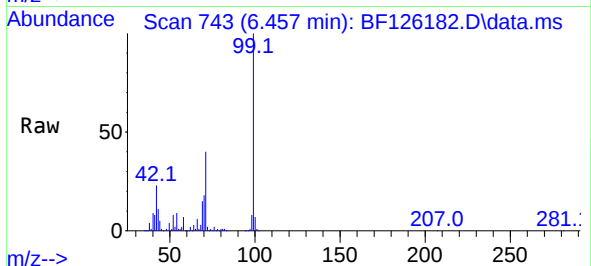
Tgt Ion:112 Resp: 1347062
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 38.9 26.2 39.2





#7
Phenol-d6
Concen: 90.559 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

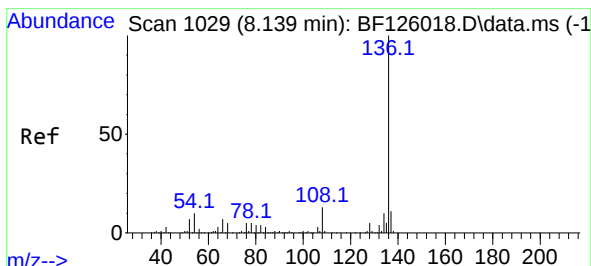
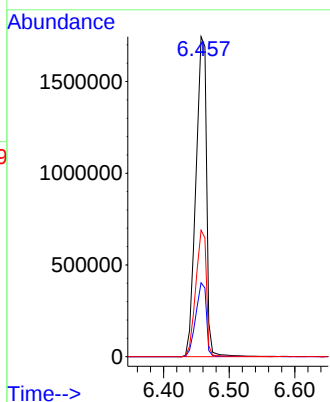
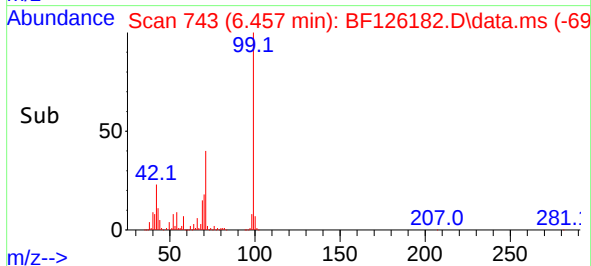
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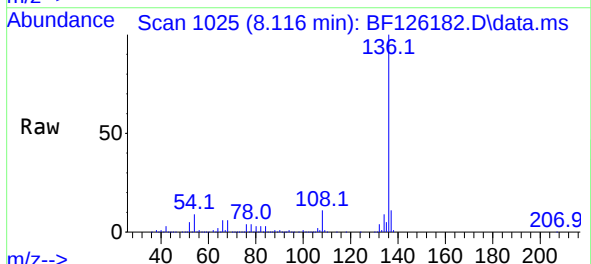
Tgt Ion: 99 Resp: 1985534
Ion Ratio Lower Upper
99 100
42 23.1 23.5 35.3
71 39.5 25.6 38.4

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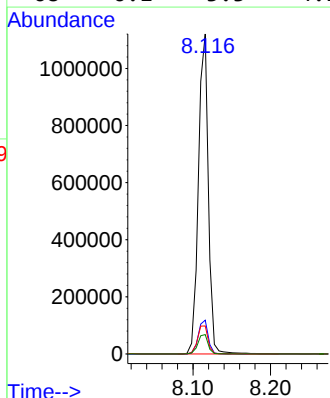
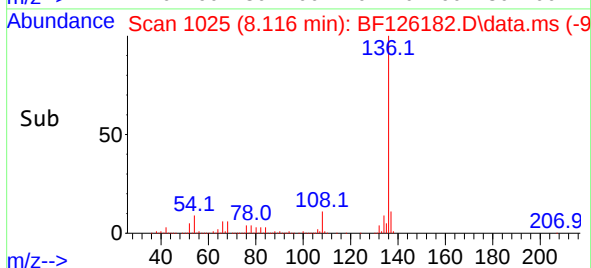
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

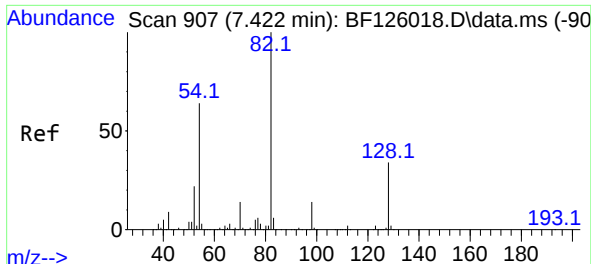


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34



Tgt Ion:136 Resp: 993884
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 8.8 6.4 9.6
68 6.1 3.3 4.9





#23

Nitrobenzene-d5

Concen: 65.883 ng

RT: 7.392 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126182.D

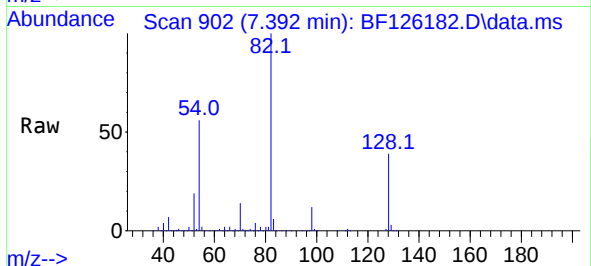
Acq: 13 Nov 2021 22:34

Instrument :

BNA_F

ClientSampleId :

CMC-OF4-001-002



Tgt Ion: 82 Resp: 138845

Ion Ratio Lower Upper

82 100

128 38.7 40.6 60.8

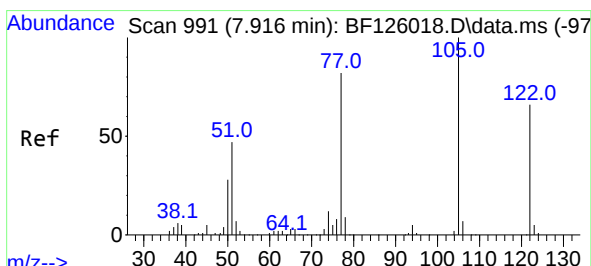
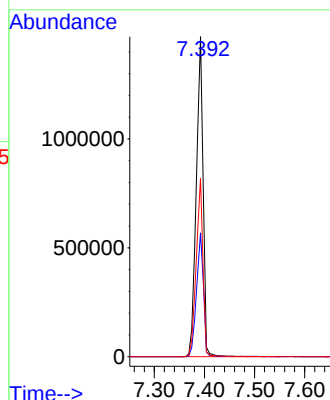
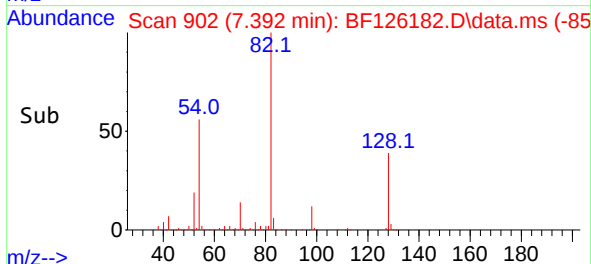
54 55.9 49.6 74.4

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#32

Benzoic acid

Concen: 9.297 ng m

RT: 7.833 min Scan# 977

Delta R.T. -0.065 min

Lab File: BF126182.D

Acq: 13 Nov 2021 22:34

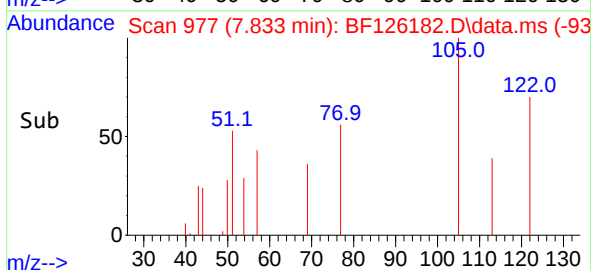
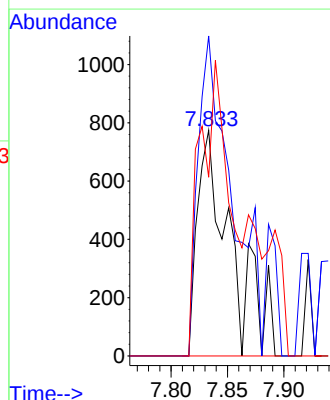
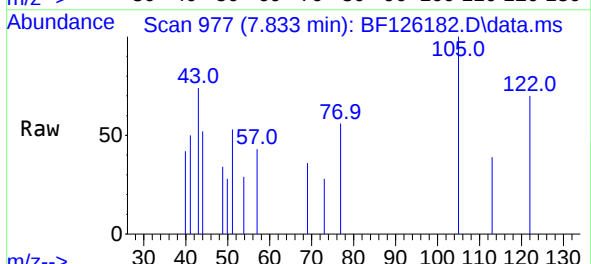
Tgt Ion:122 Resp: 1640

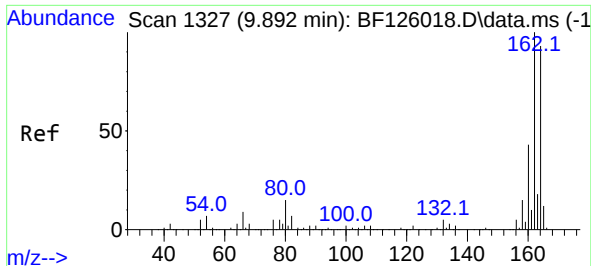
Ion Ratio Lower Upper

122 100

105 141.9 97.6 137.6

77 79.2 59.6 99.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126182.D

Acq: 13 Nov 2021 22:34

Instrument :

BNA_F

ClientSampleId :

CMC-OF4-001-002

Tgt Ion:164 Resp: 54243

Ion Ratio Lower Upper

164 100

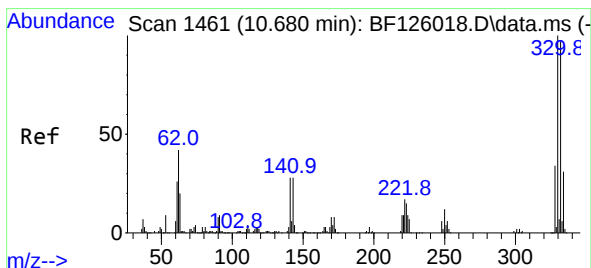
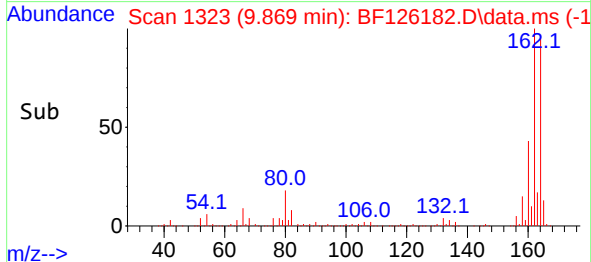
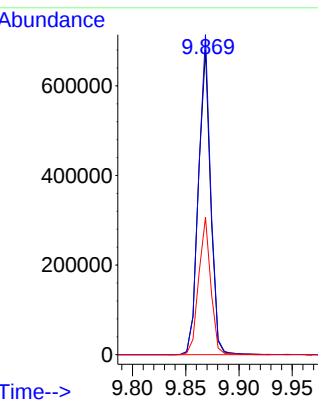
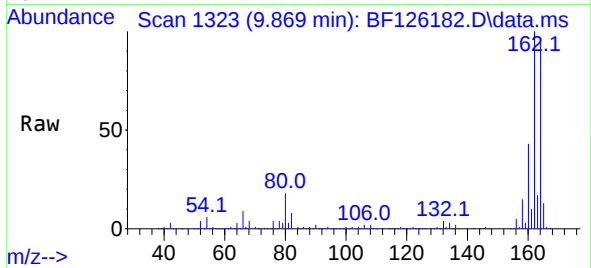
162 105.0 81.3 121.9

160 45.1 38.0 57.0

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#42

2,4,6-Tribromophenol

Concen: 79.718 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF126182.D

Acq: 13 Nov 2021 22:34

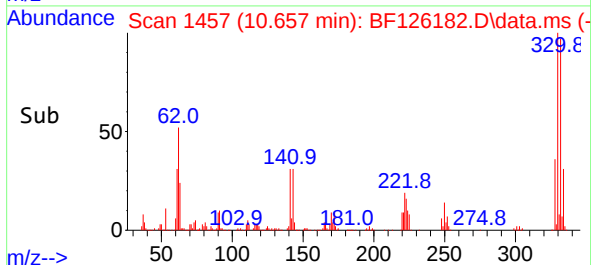
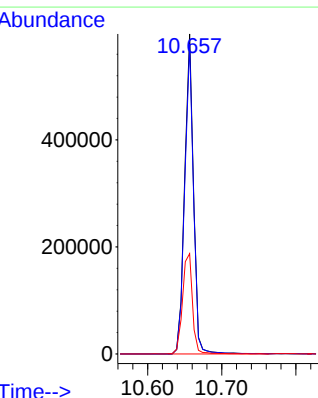
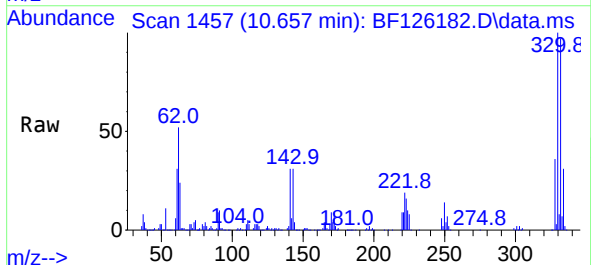
Tgt Ion:330 Resp: 495548

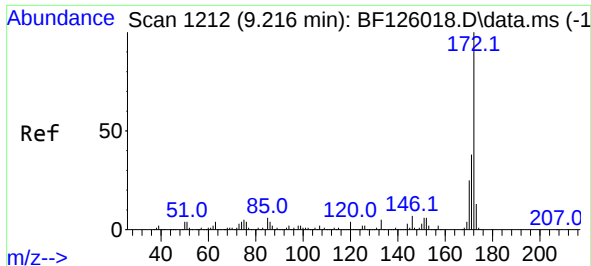
Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 35.4 44.6 66.8#





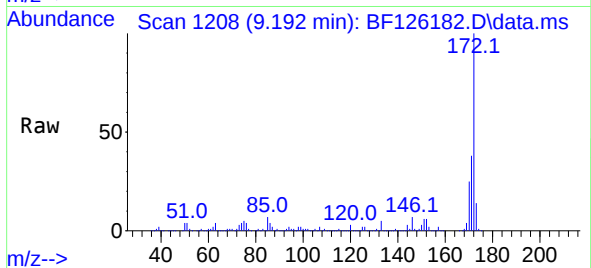
#45
2-Fluorobiphenyl
Concen: 61.519 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

Instrument :

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ClientSampleId :

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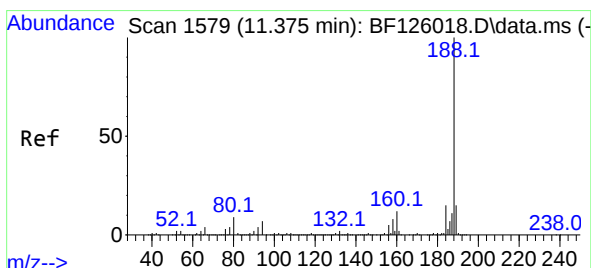
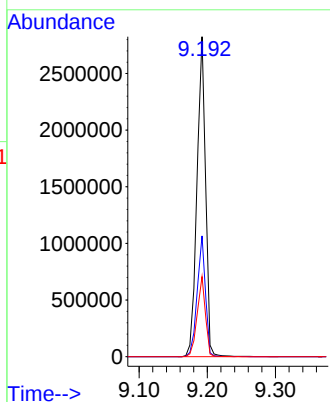
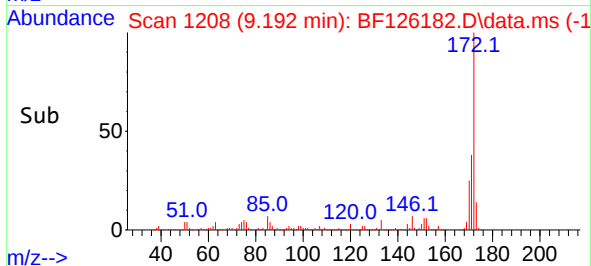


Tgt Ion:172 Resp: 2469340
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.1 18.8 28.2

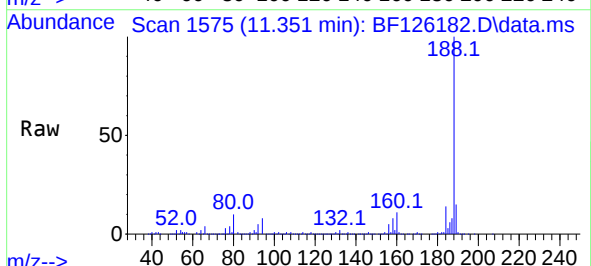
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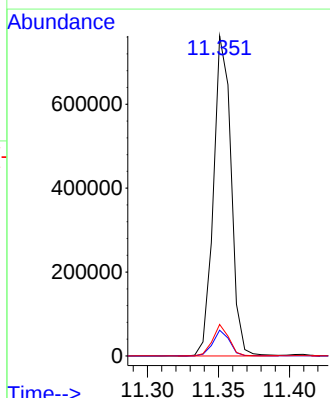
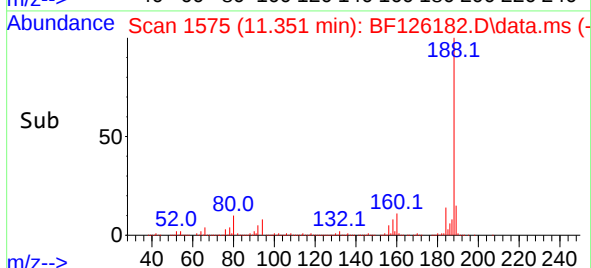
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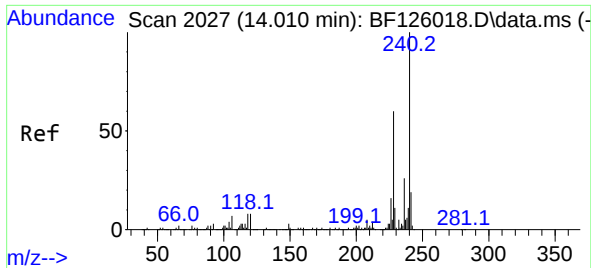


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34



Tgt Ion:188 Resp: 658166
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.9 7.5 11.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

Instrument :

BNA_F

ClientSampleId :

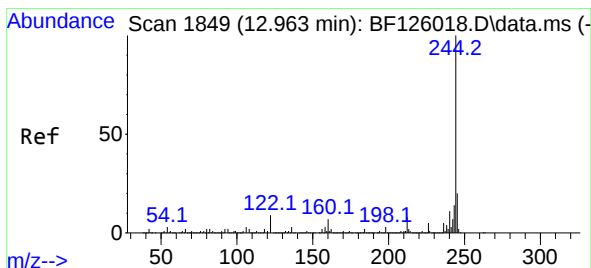
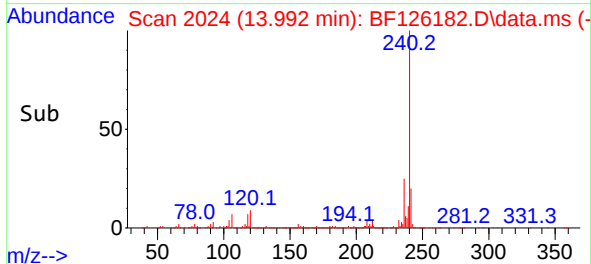
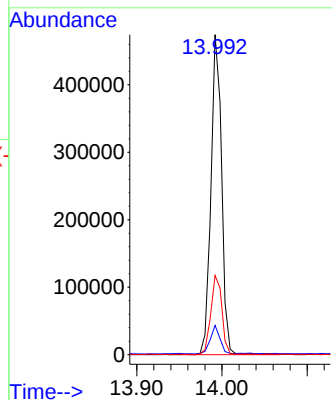
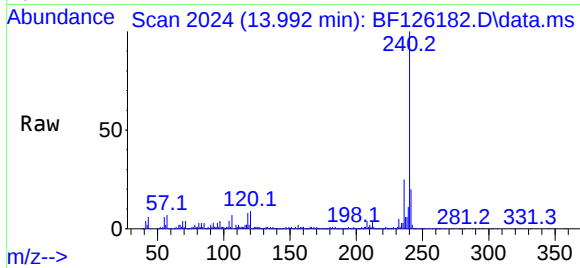
CMC-OF4-001-002

Tgt Ion:240 Resp: 411693
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2
236 24.8 21.6 32.4

Manual Integrations

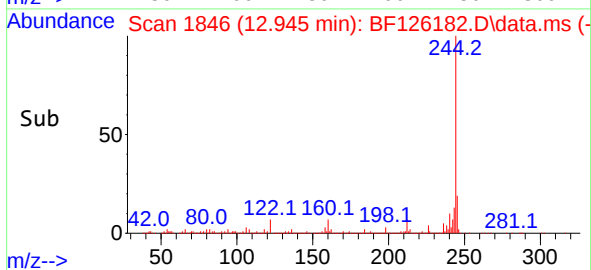
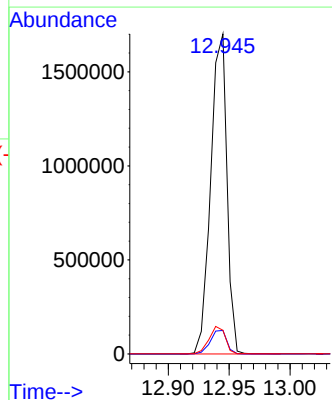
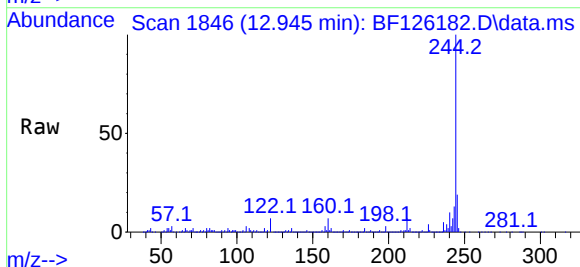
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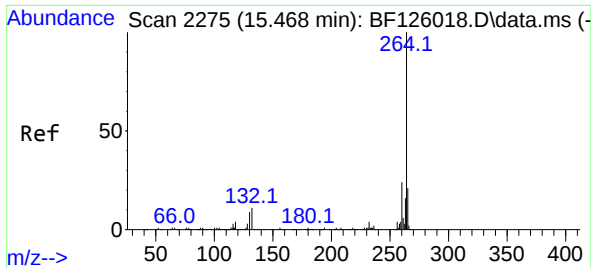
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#79
Terphenyl-d14
Concen: 61.526 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF126182.D
Acq: 13 Nov 2021 22:34

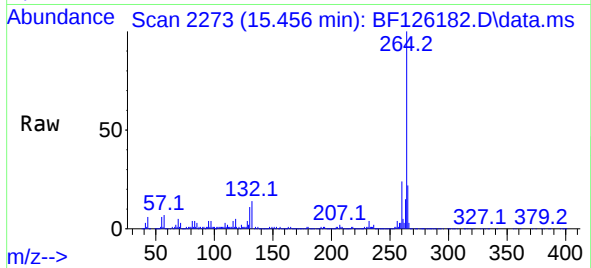
Tgt Ion:244 Resp: 1570801
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 7.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126182.D
 Acq: 13 Nov 2021 22:34

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Tgt Ion:264 Resp: 60147
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.5 17.2 25.8

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