

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126089.D
 Acq On : 9 Nov 2021 19:17
 Operator : JU/CG
 Sample : M4523-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B4-110421-10-20

Quant Time: Nov 10 10:03:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	170681	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	632412	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	359031	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	602733	20.000	ng	0.00
76) Chrysene-d12	14.004	240	366952	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	382810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	962172	96.807	ng	0.00
7) Phenol-d6	6.481	99	1266888	90.422	ng	0.00
23) Nitrobenzene-d5	7.410	82	945472	70.506	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	410997	99.890	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1826455	68.746	ng	0.00
79) Terphenyl-d14	12.957	244	1554397	68.307	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	183627	5.618	ng	98
75) Fluoranthene	12.592	202	184756	5.076	ng	96
78) Pyrene	12.810	202	160178	5.443	ng	98
81) Benzo(a)anthracene	13.998	228	72421	2.873	ng	96
83) Chrysene	14.033	228	65711	2.801	ng	98
88) Benzo(b)fluoranthene	15.045	252	74116m	2.977	ng	
90) Benzo(a)pyrene	15.404	252	55169m	2.812	ng	

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

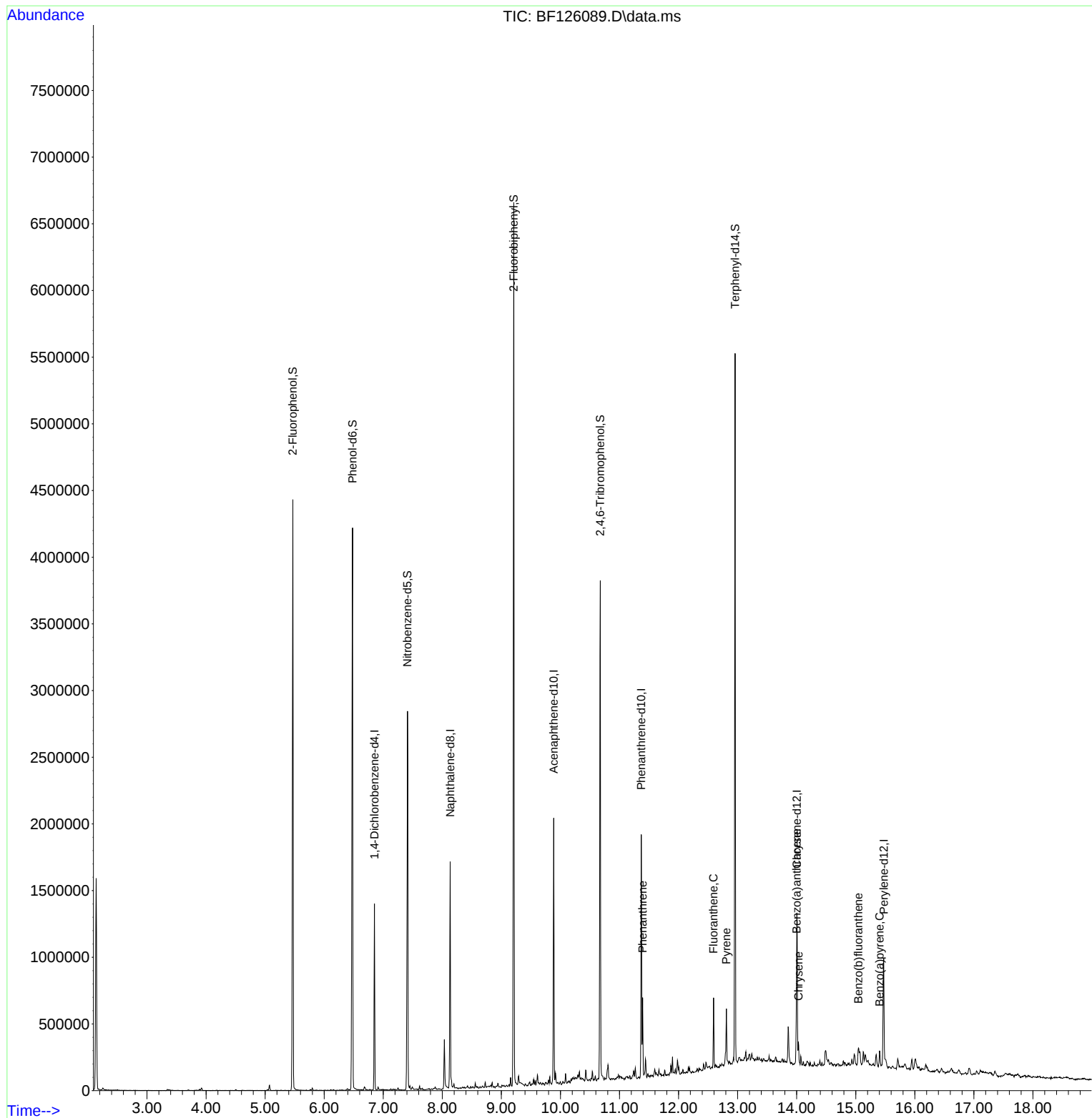
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126089.D
Acq On : 9 Nov 2021 19:17
Operator : JU/CG
Sample : M4523-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

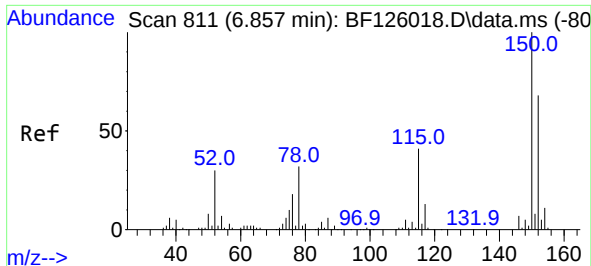
Instrument :
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Quant Time: Nov 10 10:03:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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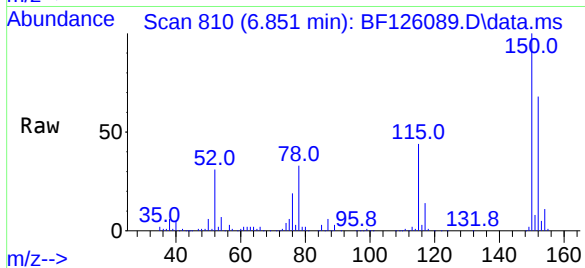
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

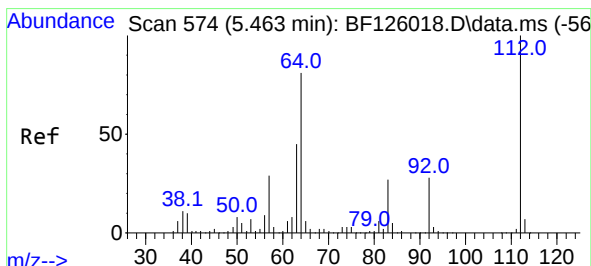
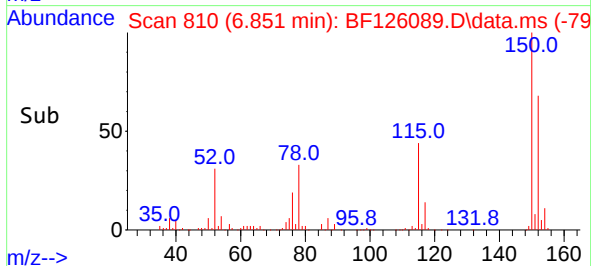
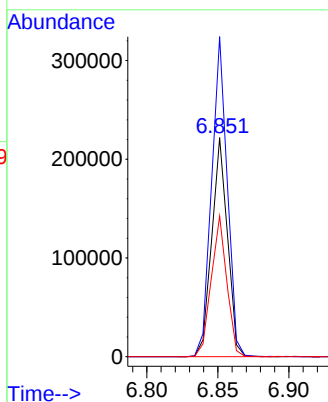
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-10-20



Tgt Ion:152 Resp: 170681
Ion Ratio Lower Upper
152 100
150 146.0 117.6 176.4
115 64.2 47.1 70.7

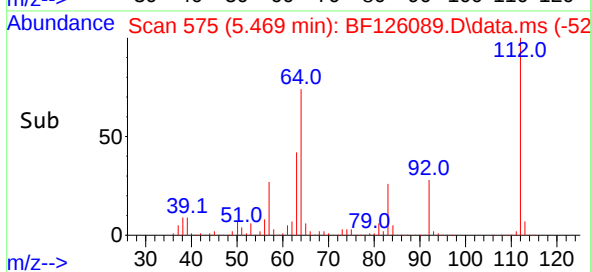
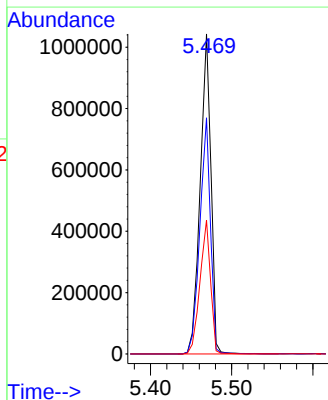
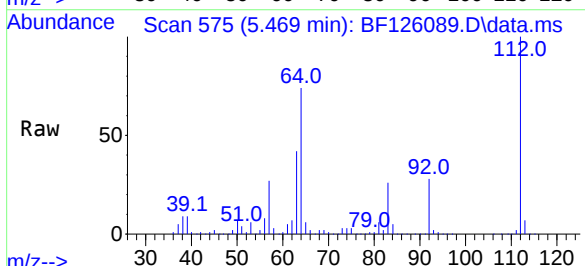
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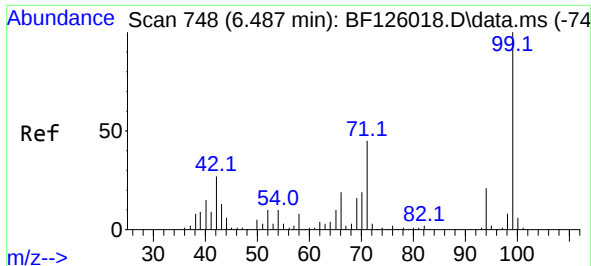
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#5
2-Fluorophenol
Concen: 96.807 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

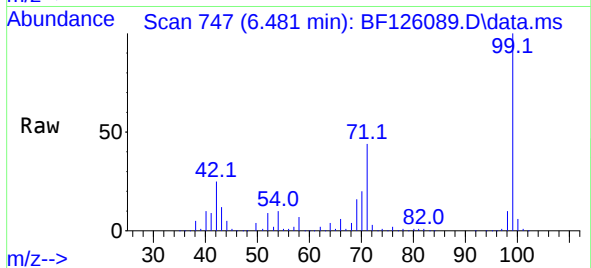
Tgt Ion:112 Resp: 962172
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 41.9 26.2 39.2#





#7
Phenol-d6
Concen: 90.422 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

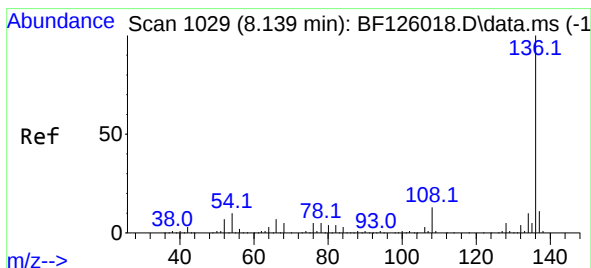
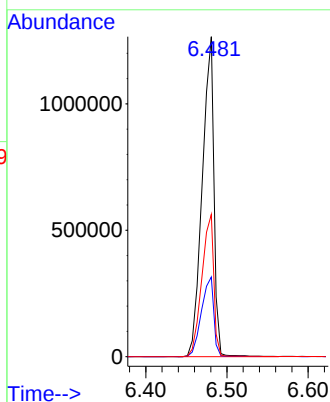
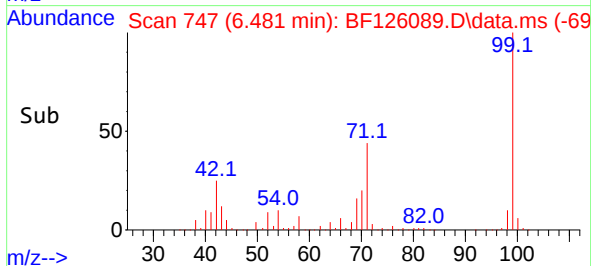
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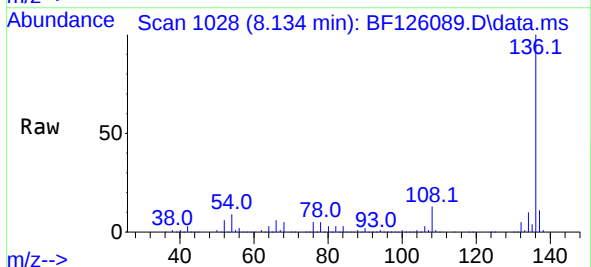
Tgt Ion: 99 Resp: 126688
Ion Ratio Lower Upper
99 100
42 24.9 23.5 35.3
71 44.5 25.6 38.4

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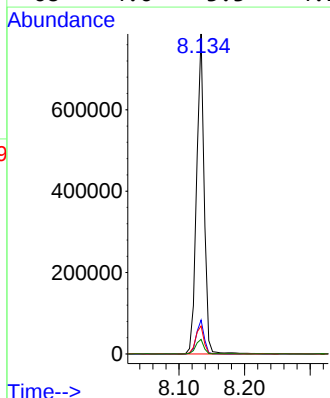
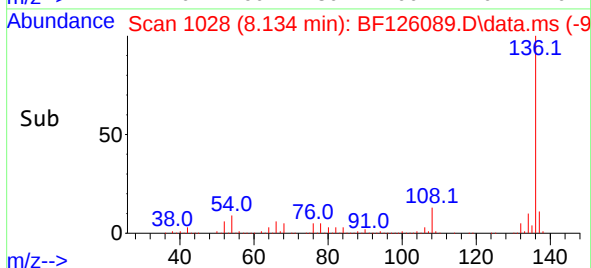
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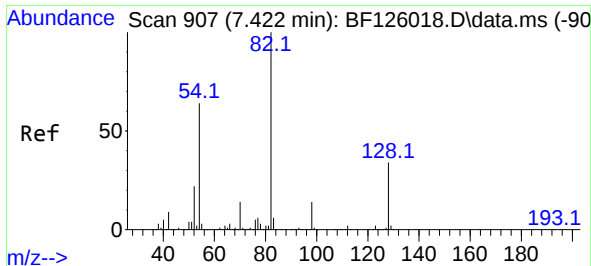


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17



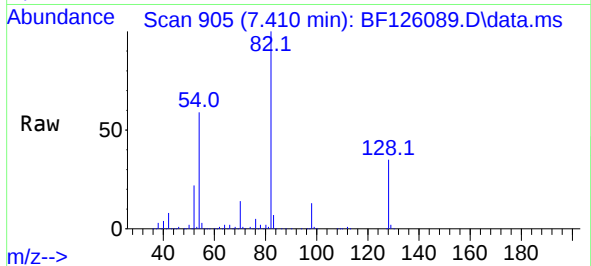
Tgt Ion:136 Resp: 632412
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.8 6.4 9.6
68 4.6 3.3 4.9





#23
Nitrobenzene-d5
Concen: 70.506 ng
RT: 7.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

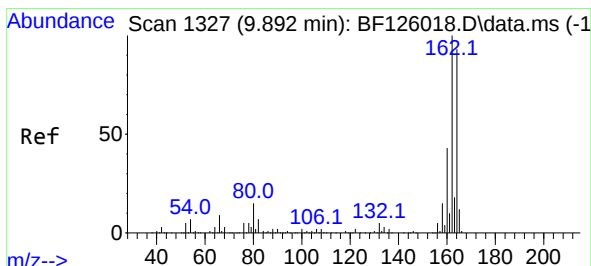
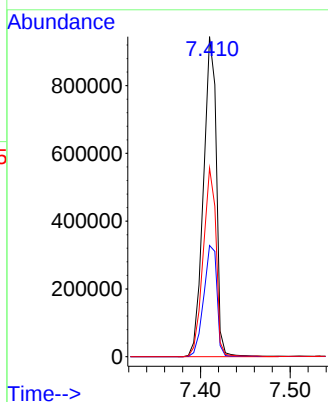
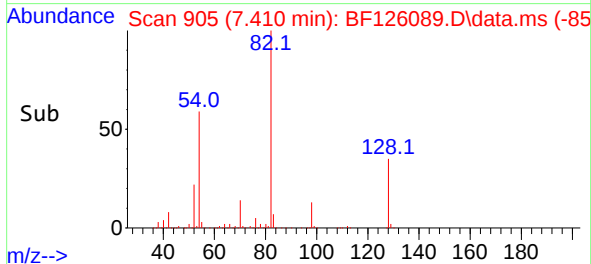
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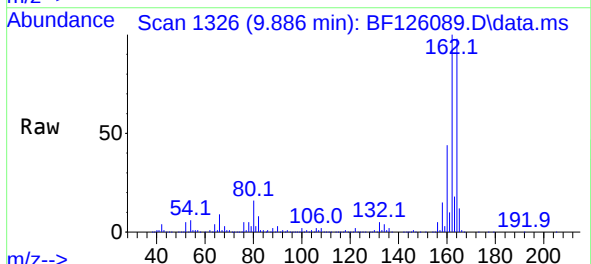
Tgt Ion: 82 Resp: 945472
Ion Ratio Lower Upper
82 100
128 34.8 40.6 60.8
54 59.0 49.6 74.4

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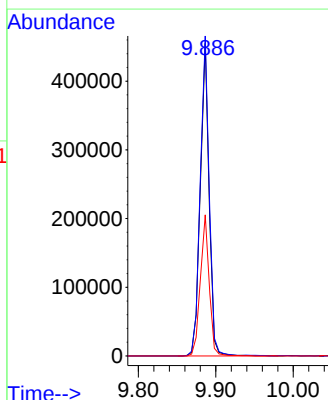
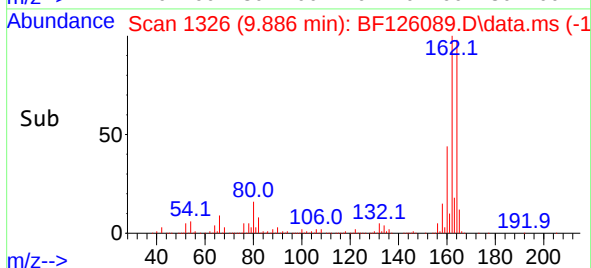
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Supervised By :mohammad ahmed 11/11/2021

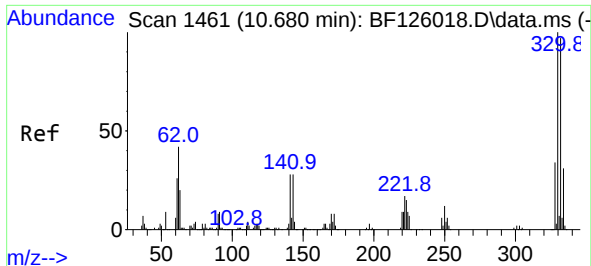


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17



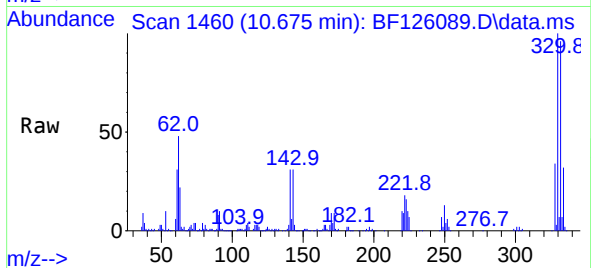
Tgt Ion:164 Resp: 359031
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 99.890 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

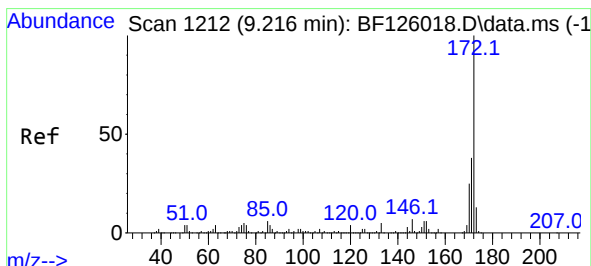
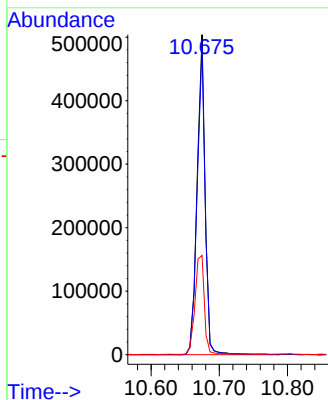
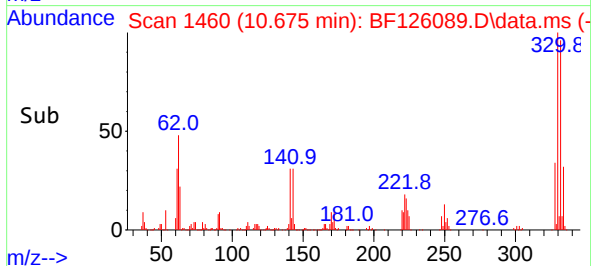
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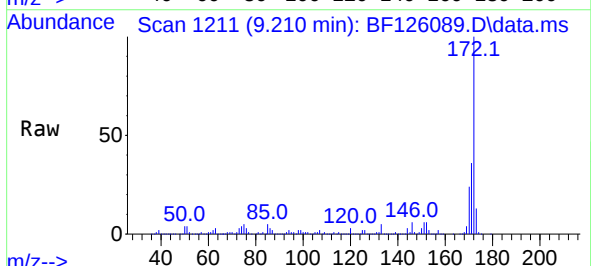
Tgt Ion:330 Resp: 41099
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 36.4 44.6 66.8

Manual Integrations
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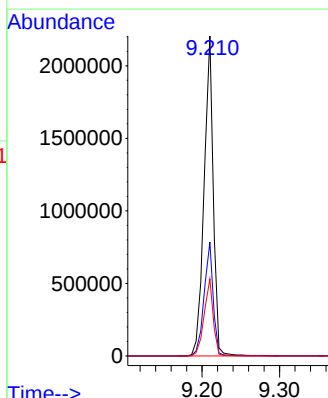
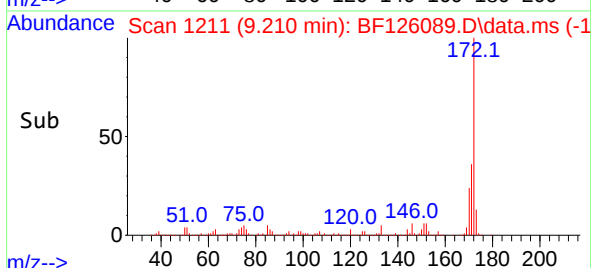
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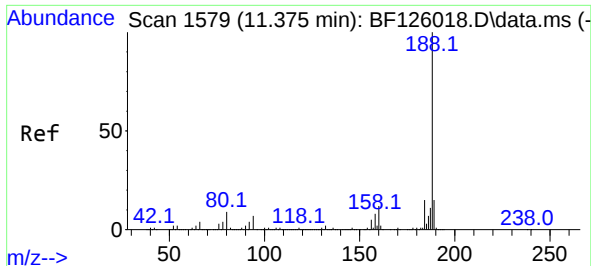


#45
2-Fluorobiphenyl
Concen: 68.746 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17



Tgt Ion:172 Resp: 1826455
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.1 18.8 28.2





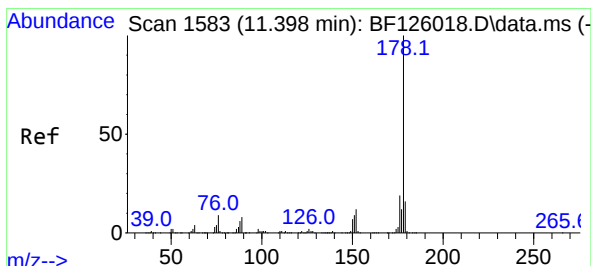
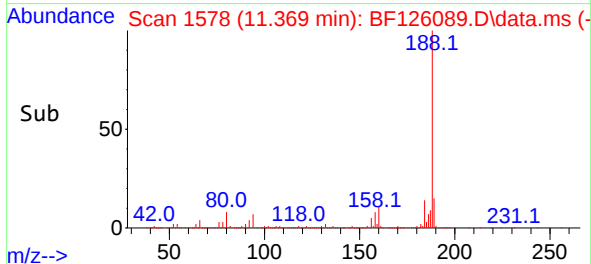
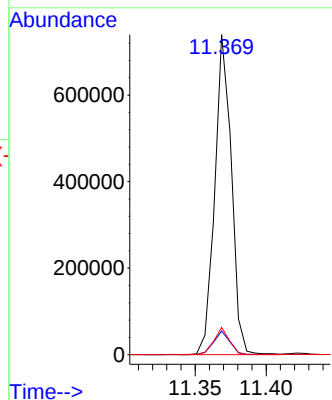
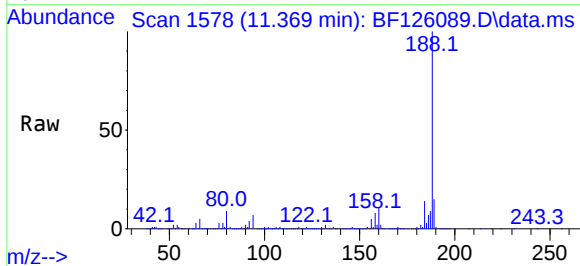
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-10-20

Tgt Ion:188 Resp: 60273
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 7.5 11.3

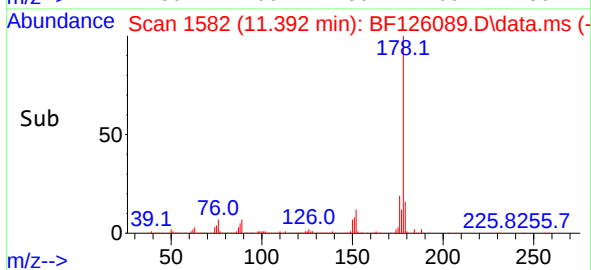
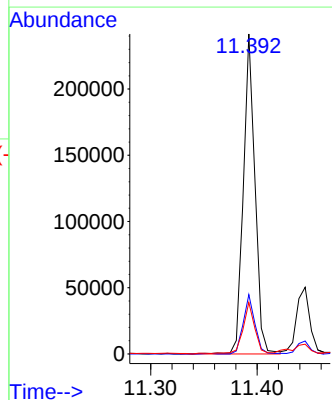
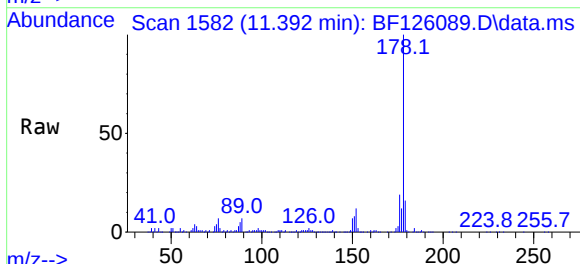
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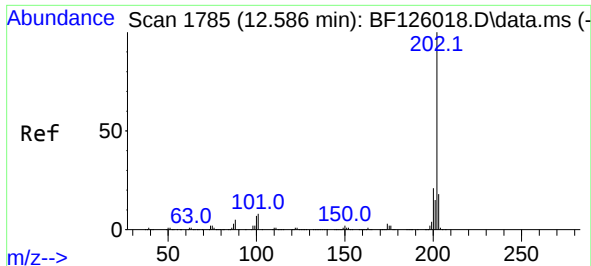
Reviewed By :Jagrut Upadhyay 11/10/2021
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#71
Phenanthrene
Concen: 5.618 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

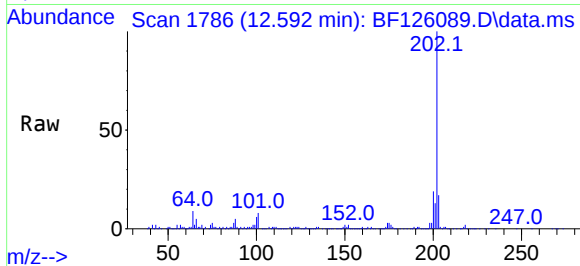
Tgt Ion:178 Resp: 183627
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 16.1 11.5 17.3





#75
Fluoranthene
Concen: 5.076 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

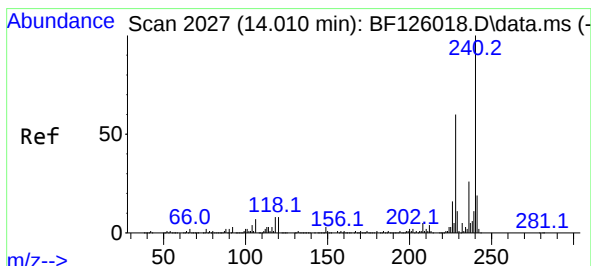
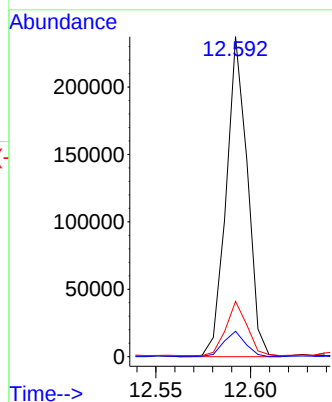
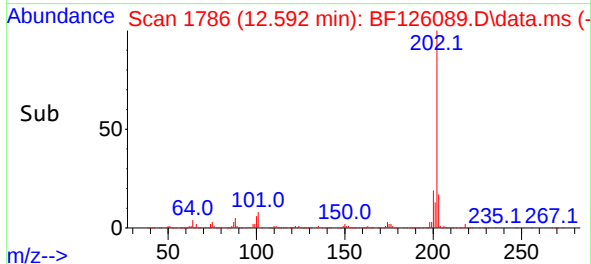
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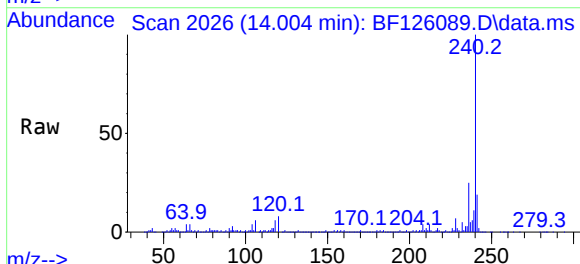
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Ion Ratio Lower Upper
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101 7.9 0.0 30.7
203 17.3 0.0 36.3

Manual Integrations
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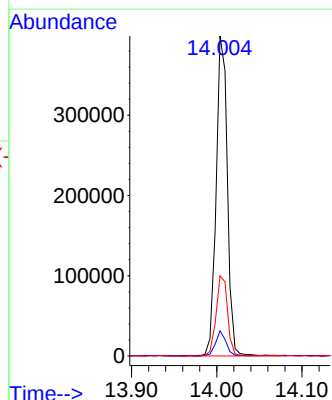
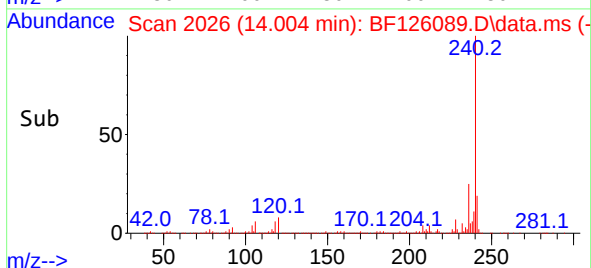
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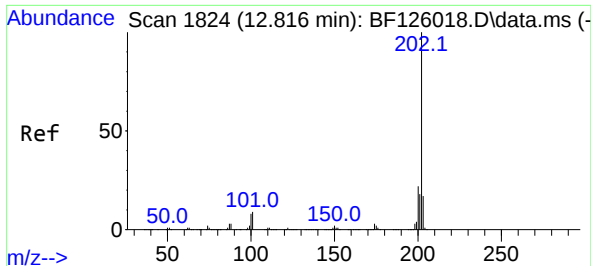


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17



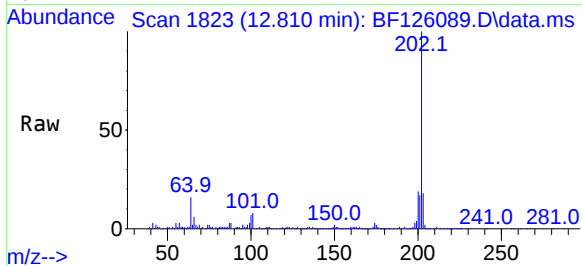
Tgt Ion:240 Resp: 366952
Ion Ratio Lower Upper
240 100
120 7.8 10.8 16.2#
236 25.0 21.6 32.4





#78
 Pyrene
 Concen: 5.443 ng
 RT: 12.810 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF126089.D
 Acq: 9 Nov 2021 19:17

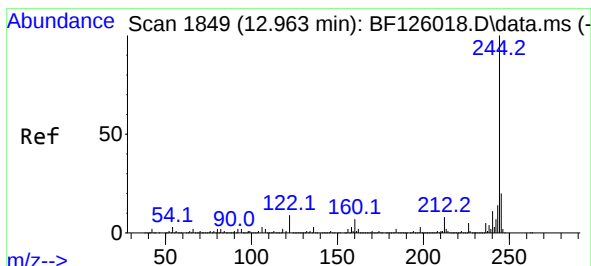
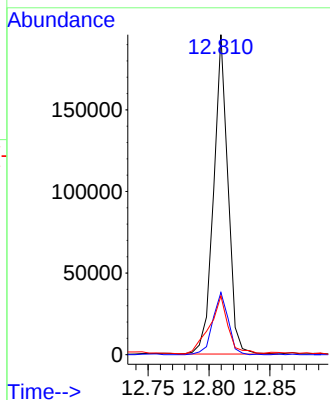
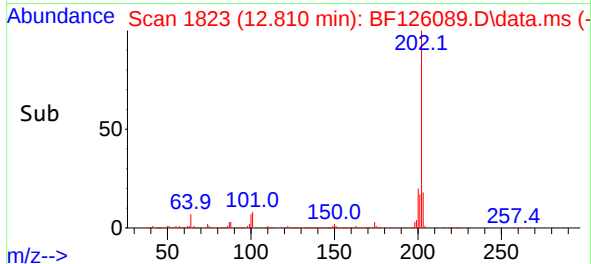
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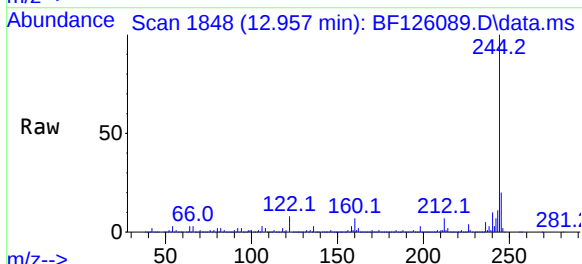
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 Ion Ratio Lower Upper
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 200 19.5 15.3 22.9
 203 18.4 13.4 20.0

Manual Integrations
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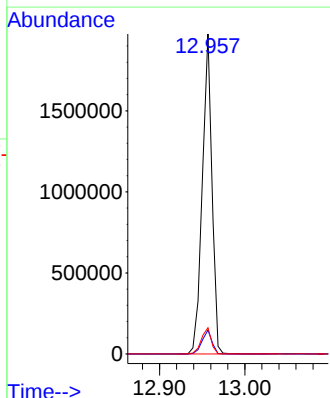
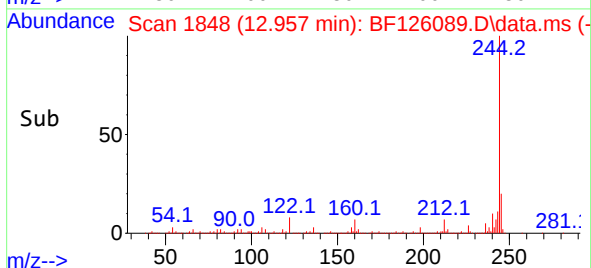
Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

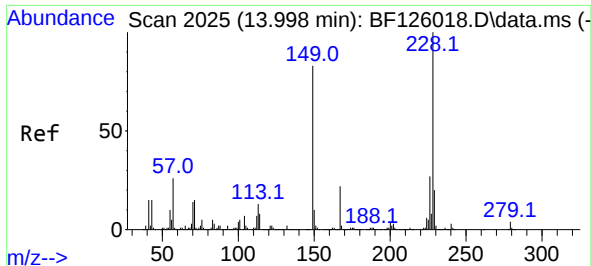


#79
 Terphenyl-d14
 Concen: 68.307 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126089.D
 Acq: 9 Nov 2021 19:17



Tgt Ion:244 Resp: 1554397
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.2 9.0 13.4#





#81

Benzo(a)anthracene

Concen: 2.873 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF126089.D

Acq: 9 Nov 2021 19:17

Instrument :

BNA_F

ClientSampleId :

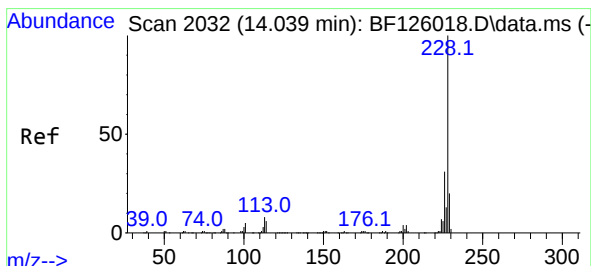
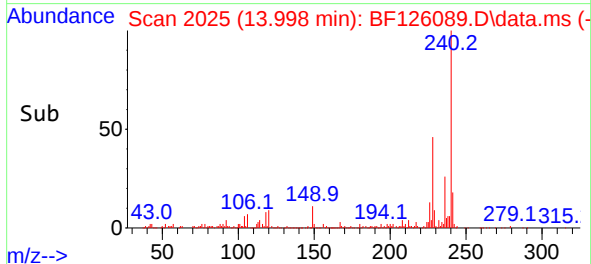
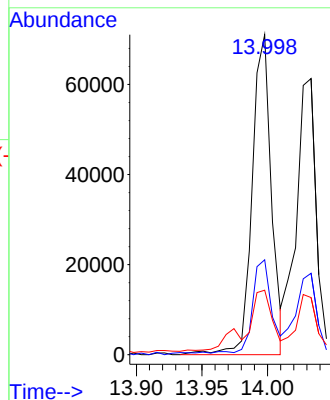
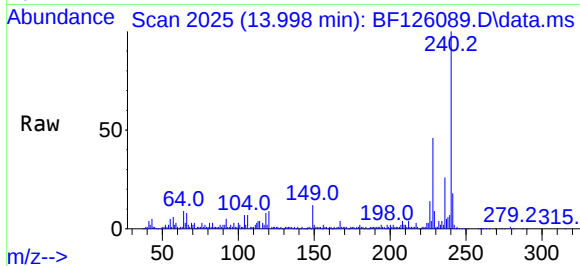
VWE-B4-110421-10-20

Tgt Ion:228	Resp:	7242
Ion Ratio	Lower	Upper
228	100	
226	29.6	21.6 32.4
229	20.2	15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#83

Chrysene

Concen: 2.801 ng

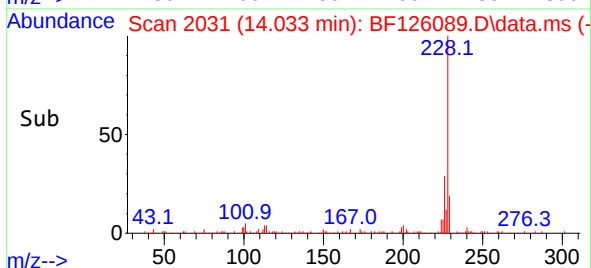
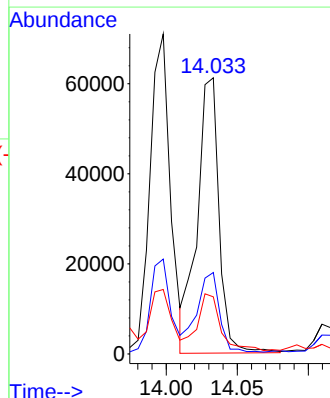
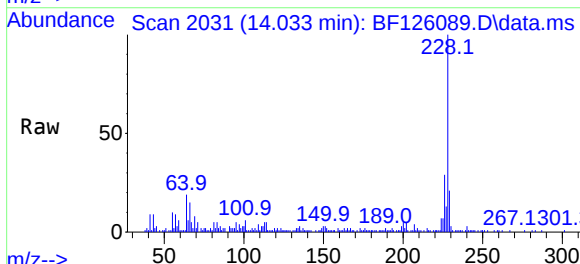
RT: 14.033 min Scan# 2031

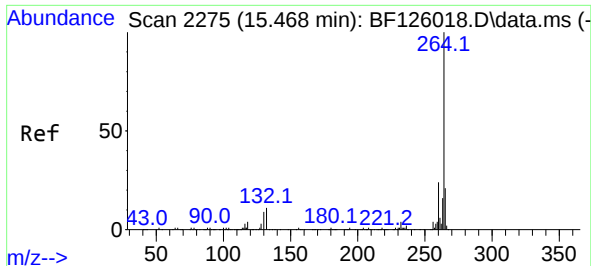
Delta R.T. -0.006 min

Lab File: BF126089.D

Acq: 9 Nov 2021 19:17

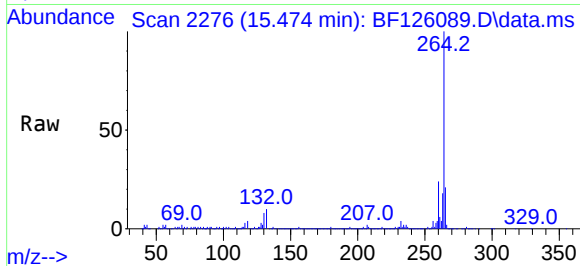
Tgt Ion:228	Resp:	65711
Ion Ratio	Lower	Upper
228	100	
226	29.5	22.6 34.0
229	20.7	15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

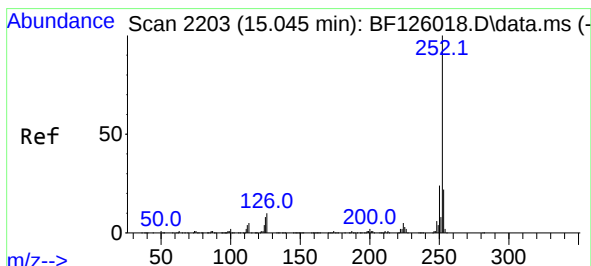
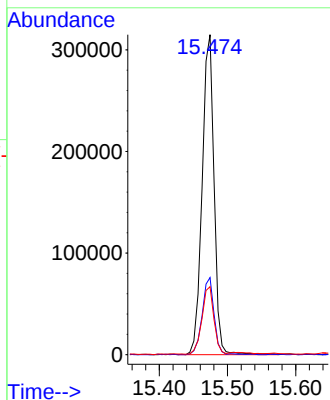
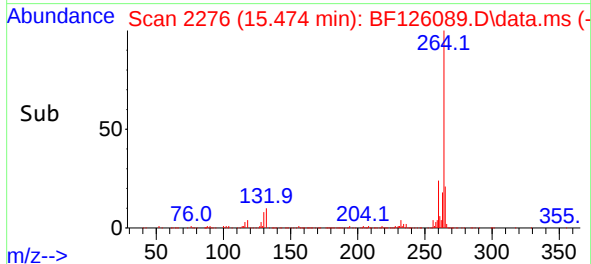
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-10-20



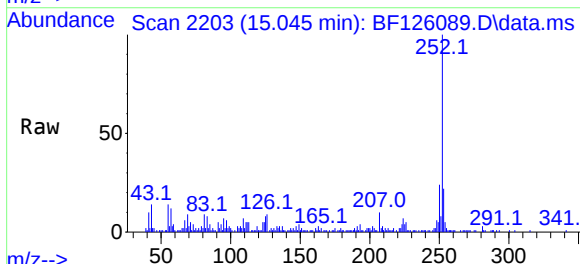
Tgt Ion:264 Resp: 382810
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.2 17.2 25.8

Manual Integrations
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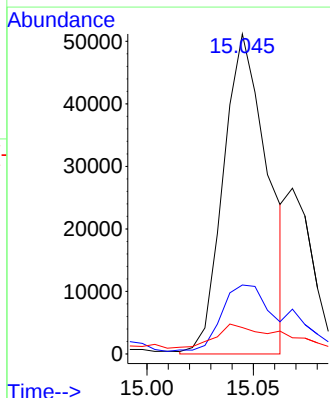
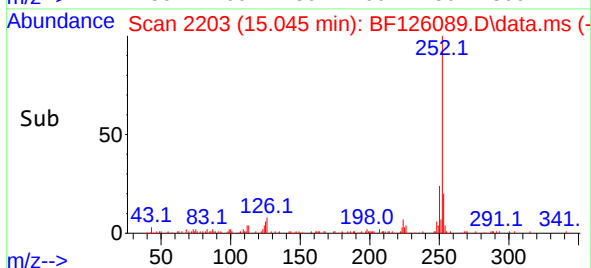
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

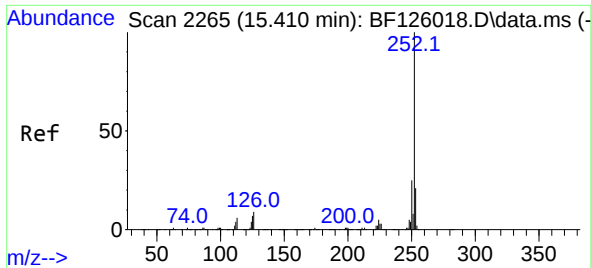


#88
Benzo(b)fluoranthene
Concen: 2.977 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17



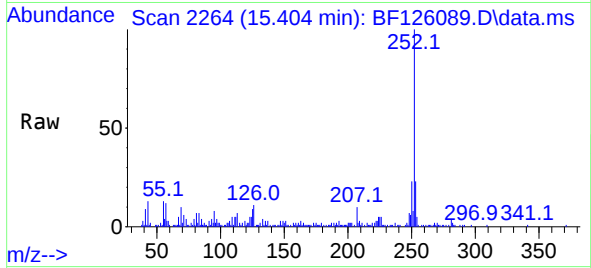
Tgt Ion:252 Resp: 74116
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 8.3 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 2.812 ng m
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126089.D
Acq: 9 Nov 2021 19:17

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-10-20



Tgt Ion:252 Resp: 55169
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.4 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

