

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126374.D
 Acq On : 28 Dec 2021 00:49
 Operator : JU/CG
 Sample : M5106-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-WASTE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 06:01:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	84499	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	284960	20.000	ng	#-0.01
39) Acenaphthene-d10	9.851	164	110193	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	186820	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	170338	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	126541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	489062	85.234	ng	0.00
7) Phenol-d6	6.439	99	595988	81.803	ng	0.00
23) Nitrobenzene-d5	7.369	82	356546	67.765	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	81089	91.568	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	440487	70.110	ng	0.00
79) Terphenyl-d14	12.927	244	426405	43.510	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	8.910	142	97556	12.249	ng	95
52) Acenaphthene	9.886	154	17220	2.835	ng	# 55
58) Fluorene	10.398	166	56011	9.355	ng	# 88
71) Phenanthrene	11.363	178	172957	17.937	ng	# 96
72) Anthracene	11.410	178	28928m	2.989	ng	
78) Pyrene	12.780	202	67305	4.301	ng	# 94
81) Benzo(a)anthracene	13.968	228	21194	2.101	ng	# 42
83) Chrysene	14.004	228	35711	3.406	ng	# 48

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

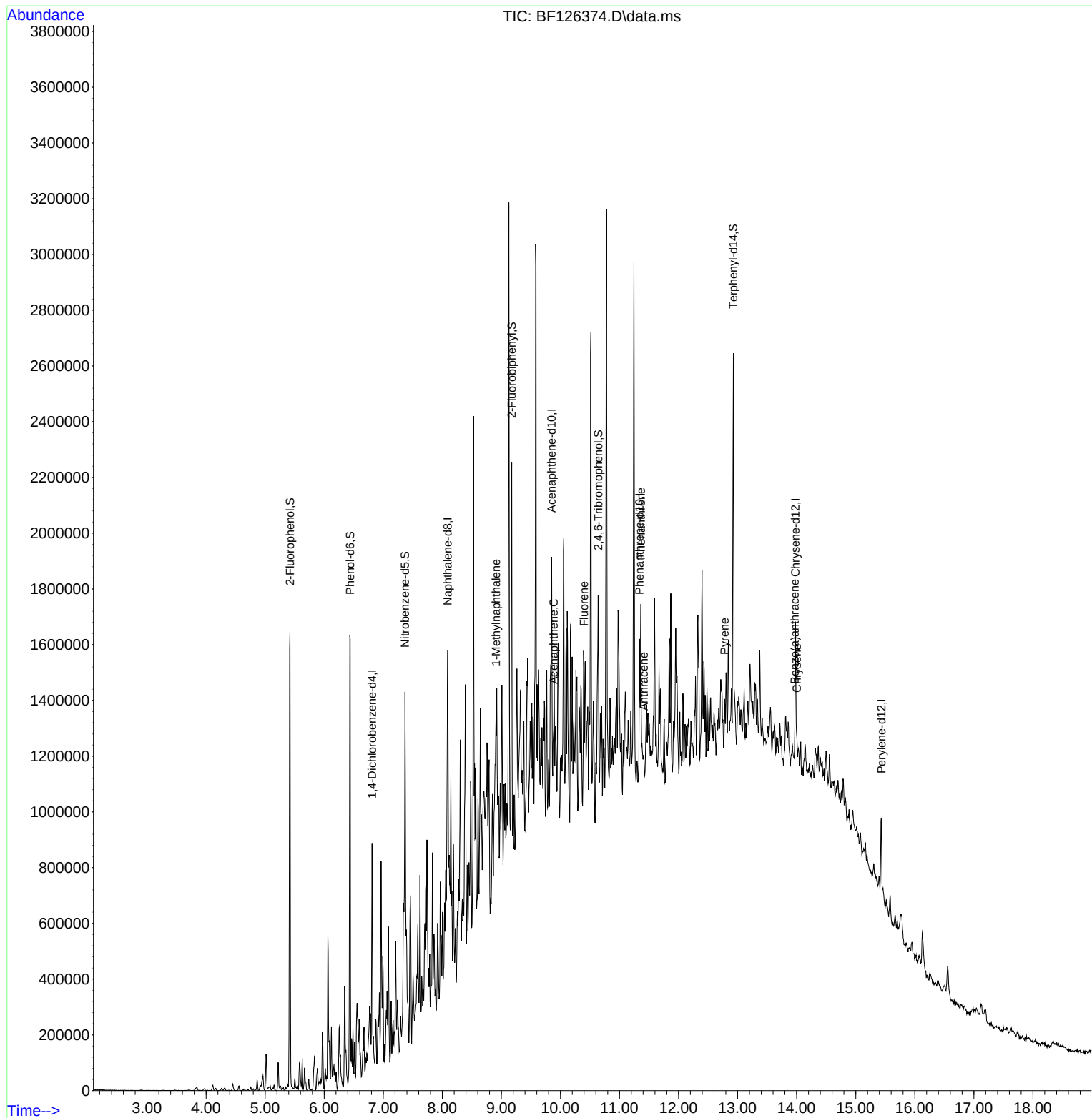
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126374.D
Acq On : 28 Dec 2021 00:49
Operator : JU/CG
Sample : M5106-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

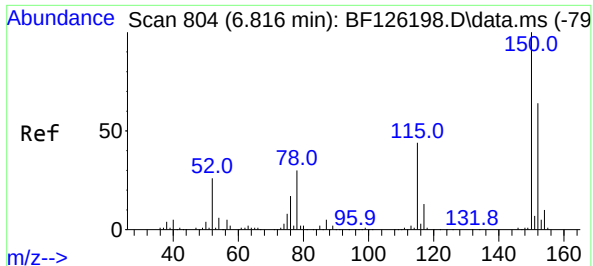
Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

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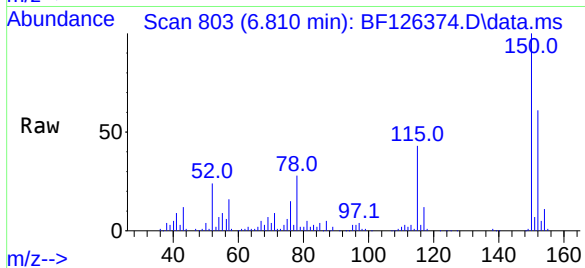
Quant Time: Dec 28 06:01:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

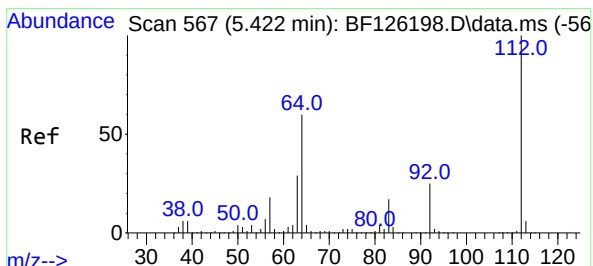
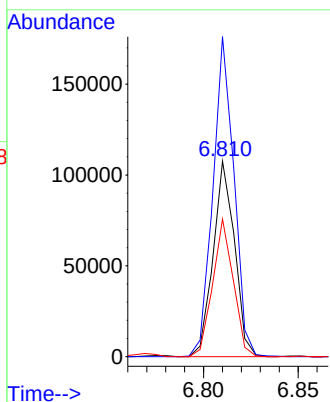
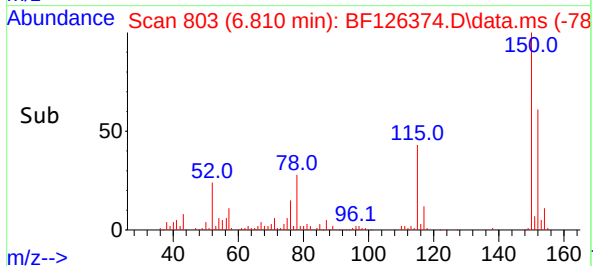
Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE



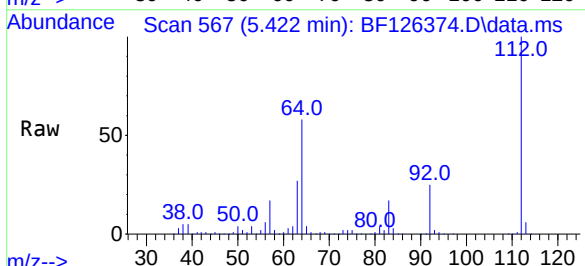
Tgt Ion:152 Resp: 84499
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 70.3 47.1 70.7

Manual Integrations
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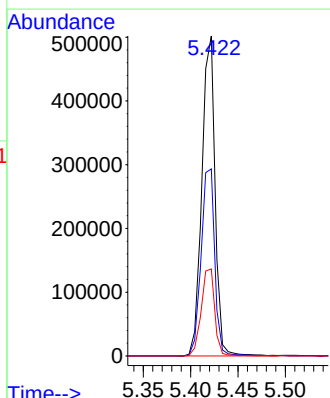
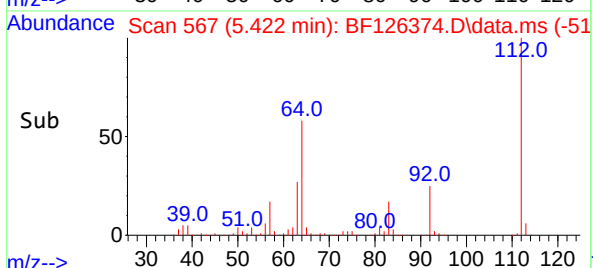
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



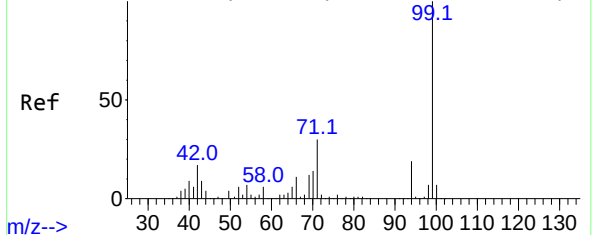
#5
2-Fluorophenol
Concen: 85.234 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49



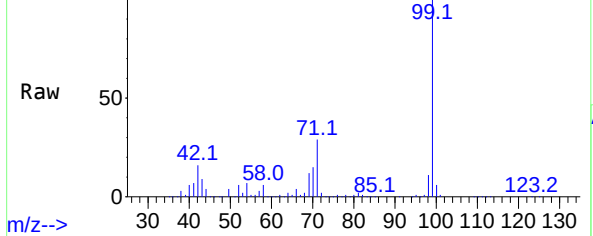
Tgt Ion:112 Resp: 489062
Ion Ratio Lower Upper
112 100
64 58.5 44.2 66.2
63 27.2 26.2 39.2



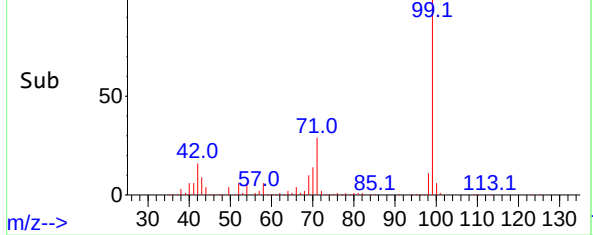
Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



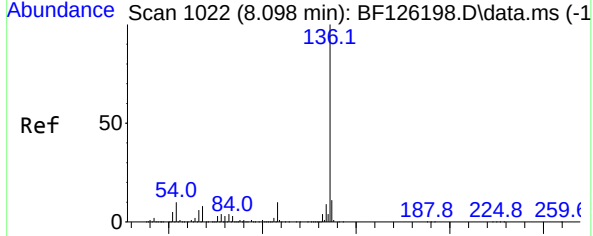
m/z--> Scan 740 (6.439 min): BF126374.D\data.ms



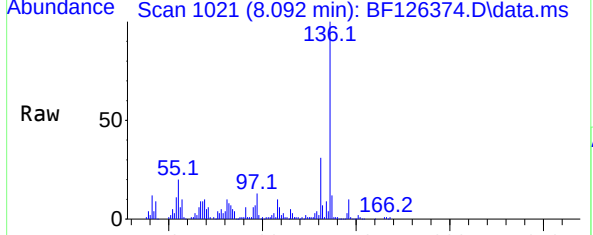
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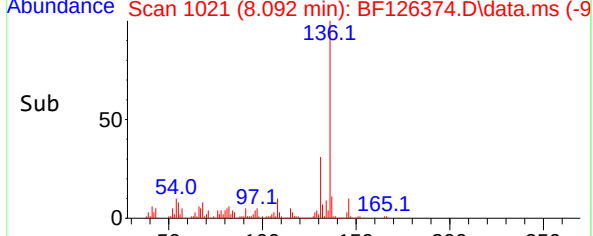
m/z--> Scan 1022 (8.098 min): BF126198.D\data.ms (-1



m/z--> Scan 1021 (8.092 min): BF126374.D\data.ms



Abundance Scan 1021 (8.092 min): BF126374.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 81.803 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF126374.D

Acq: 28 Dec 2021 00:49

Tgt Ion: 99 Resp: 59598

Ion Ratio Lower Upper

99 100

42 16.3 23.5 35.3

71 28.8 25.6 38.4

Instrument :

BNA_F

ClientSampleId :

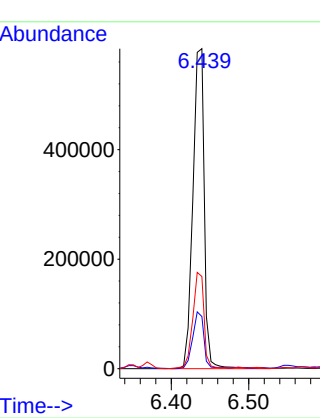
VAULT-WASTE

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.012 min

Lab File: BF126374.D

Acq: 28 Dec 2021 00:49

Tgt Ion:136 Resp: 284960

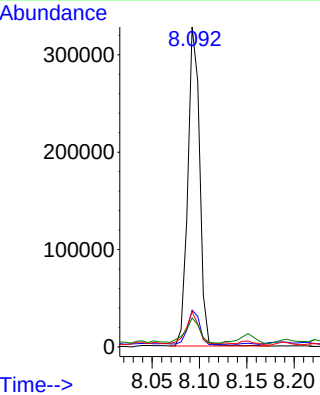
Ion Ratio Lower Upper

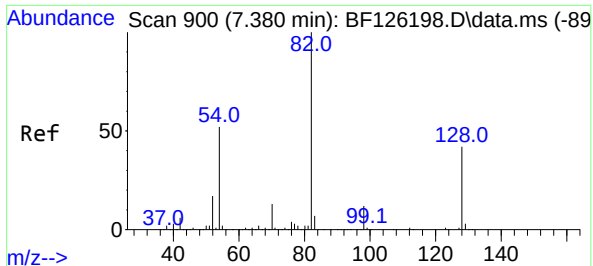
136 100

137 11.5 9.8 14.6

54 11.0 6.4 9.6

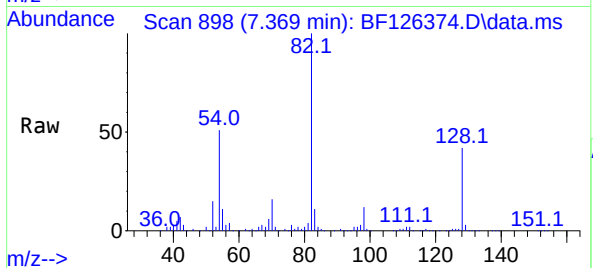
68 9.0 3.3 4.9





#23
Nitrobenzene-d5
Concen: 67.765 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

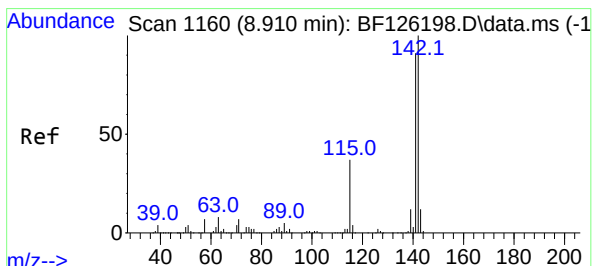
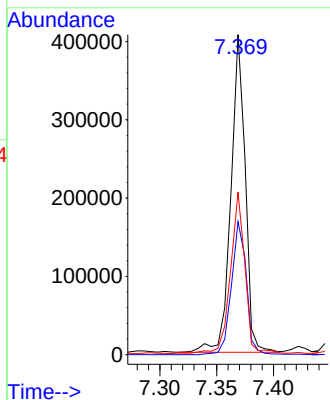
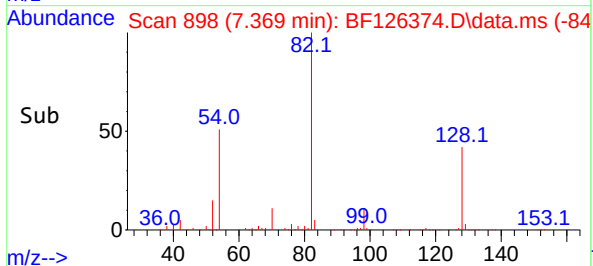
Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE



Tgt Ion: 82 Resp: 356540
Ion Ratio Lower Upper
82 100
128 41.6 40.6 60.8
54 50.8 49.6 74.4

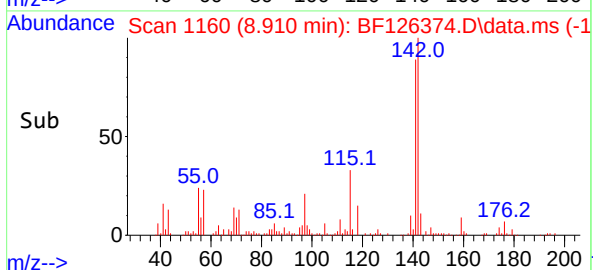
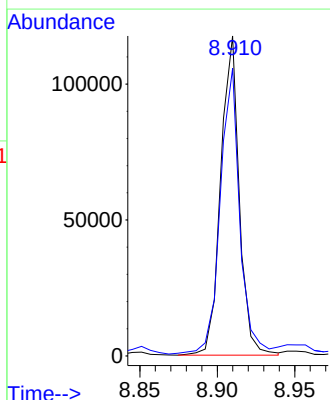
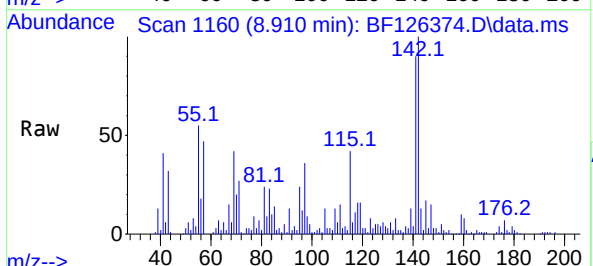
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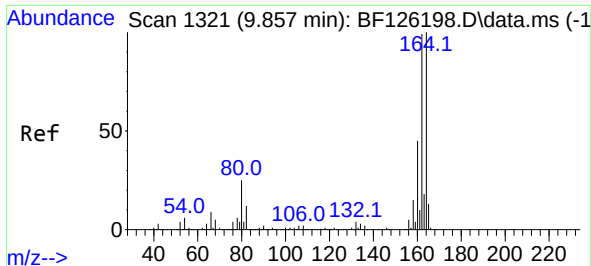
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#38
1-Methylnaphthalene
Concen: 12.249 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Tgt Ion:142 Resp: 97556
Ion Ratio Lower Upper
142 100
141 89.9 76.0 114.0





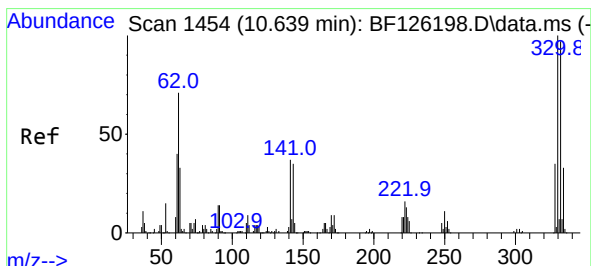
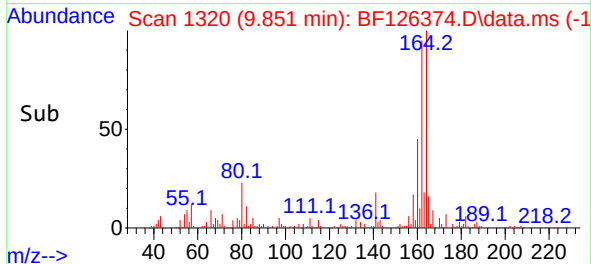
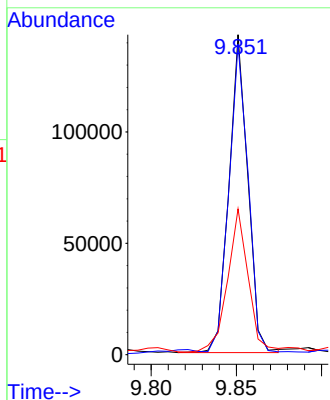
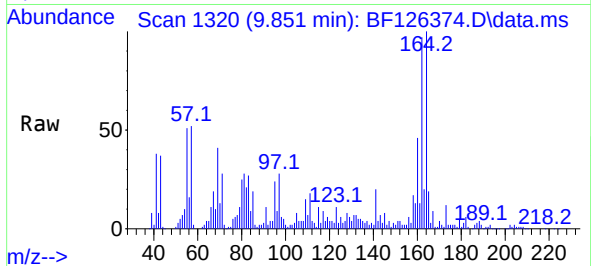
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11019
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Tgt Ion:164 Resp: 11019
Ion Ratio Lower Upper
164 100
162 97.1 81.3 121.9
160 45.5 38.0 57.0

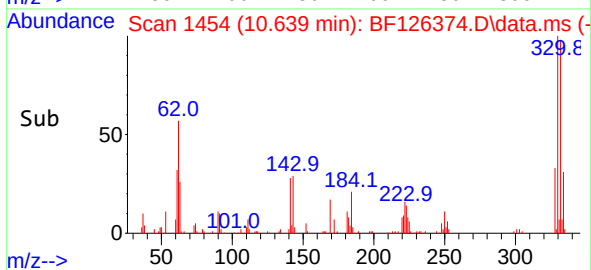
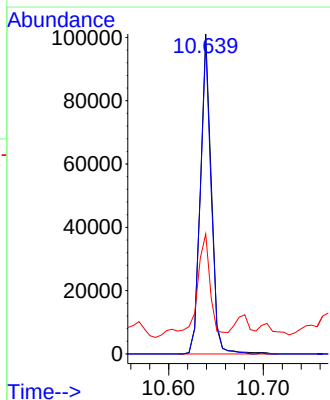
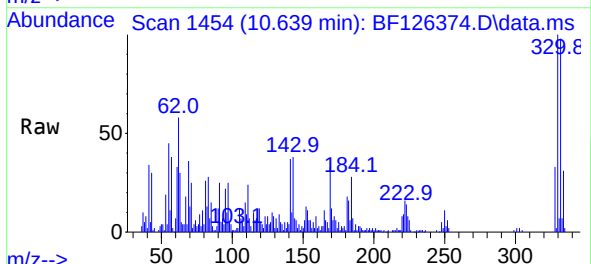
Manual Integrations
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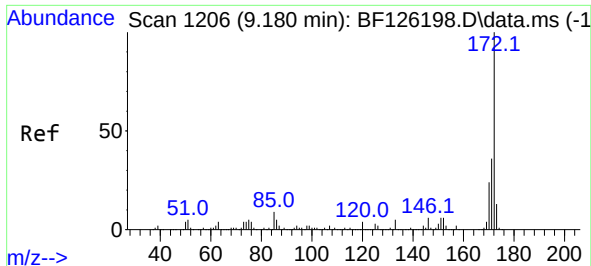
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#42
2,4,6-Tribromophenol
Concen: 91.568 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Tgt Ion:330 Resp: 81089
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 41.9 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 70.110 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Instrument :

BNA_F

ClientSampleId :

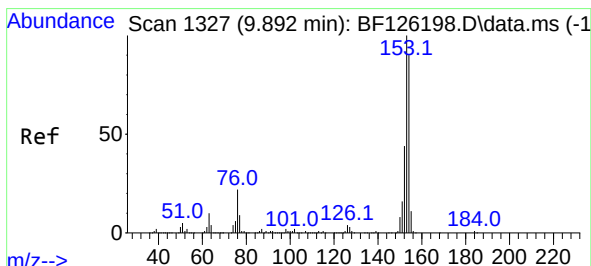
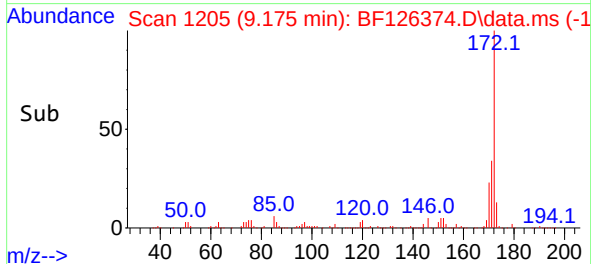
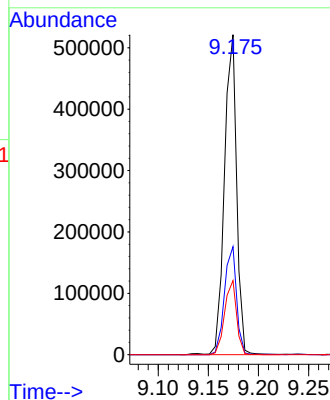
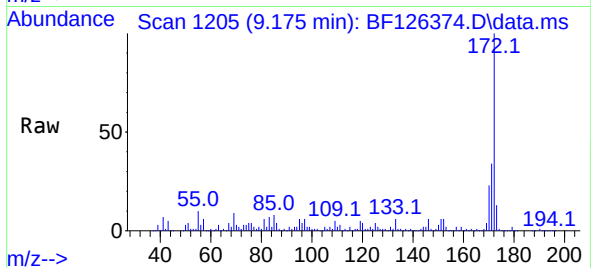
VAULT-WASTE

Tgt Ion:172 Resp: 44048
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.2 18.8 28.2

Manual Integrations

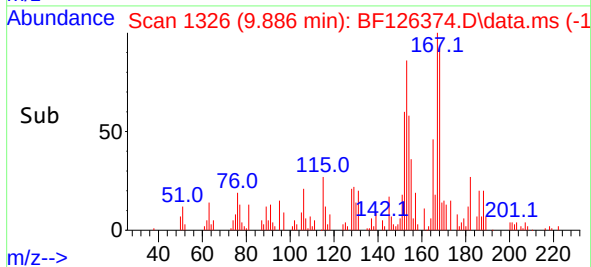
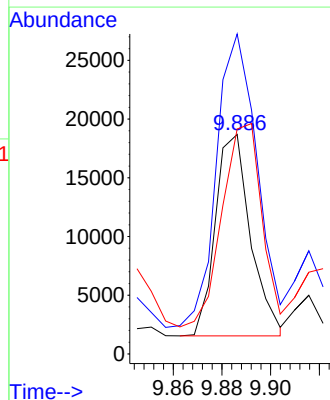
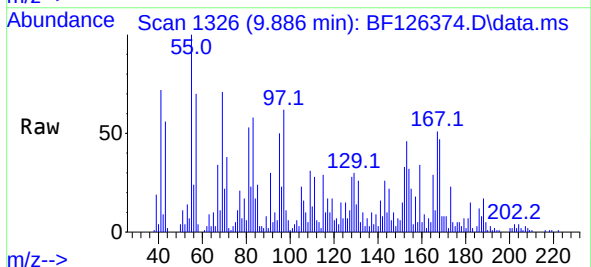
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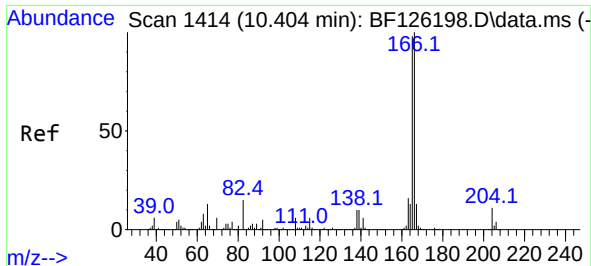
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#52
Acenaphthene
Concen: 2.835 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

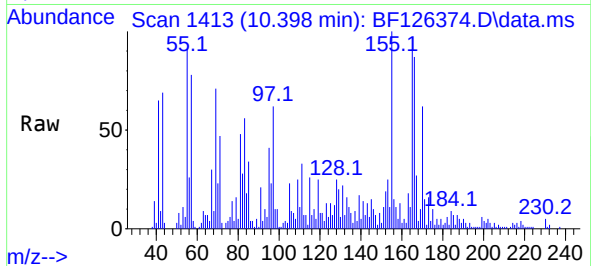
Tgt Ion:154 Resp: 17220
Ion Ratio Lower Upper
154 100
153 145.8 89.4 134.2#
152 102.5 40.5 60.7#





#58
Fluorene
Concen: 9.355 ng
RT: 10.398 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

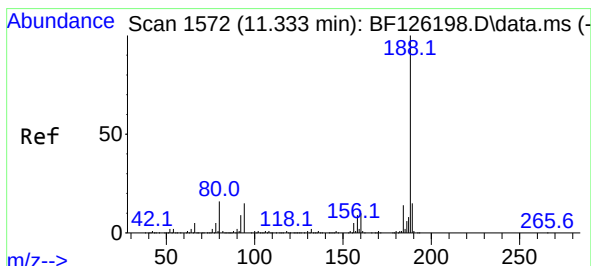
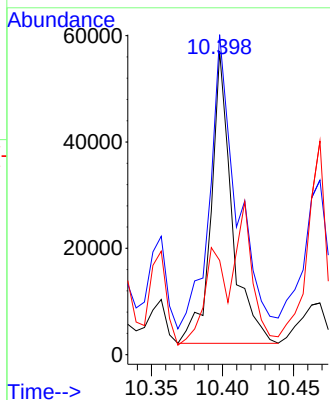
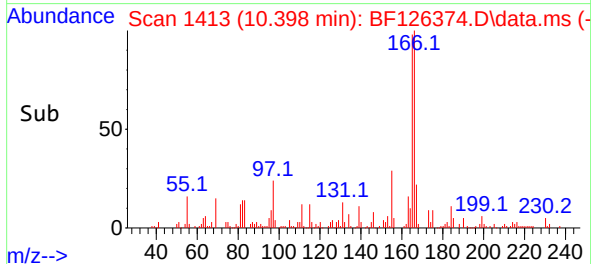
Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE



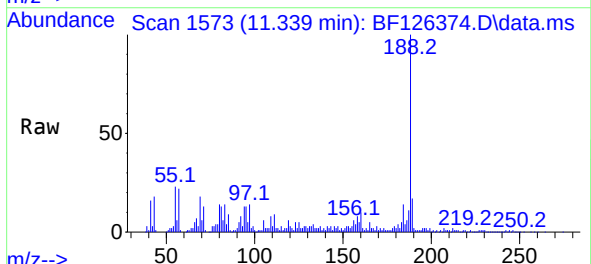
Tgt Ion:166 Resp: 5601
Ion Ratio Lower Upper
166 100
165 105.5 78.1 117.1
167 31.1 11.1 16.7

Manual Integrations
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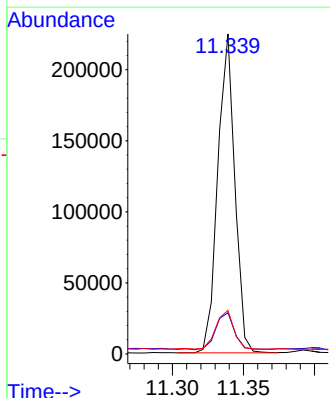
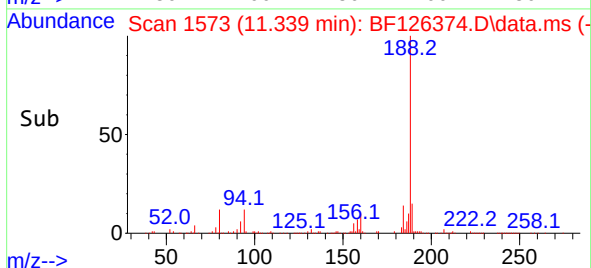
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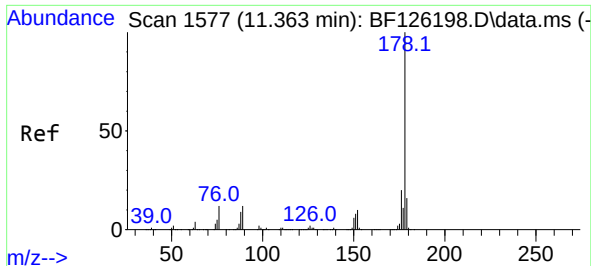


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49



Tgt Ion:188 Resp: 186820
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 13.6 7.5 11.3#





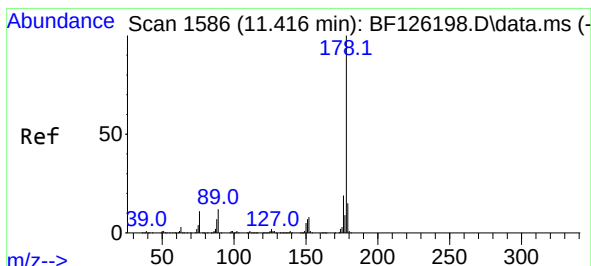
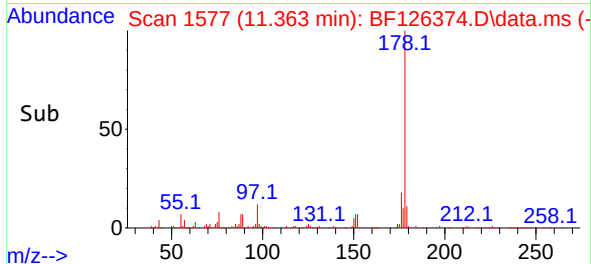
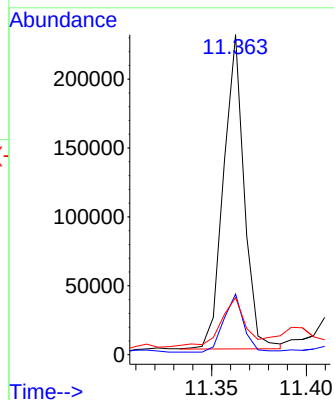
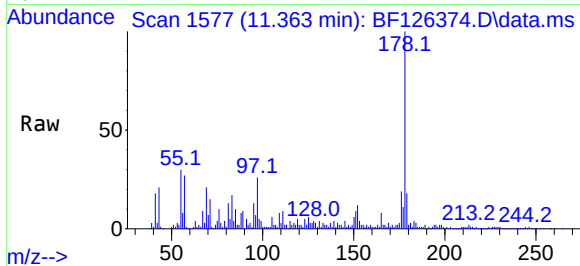
#71
Phenanthrene
Concen: 17.937 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Tgt Ion:178 Resp: 17295
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 17.9 11.5 17.3

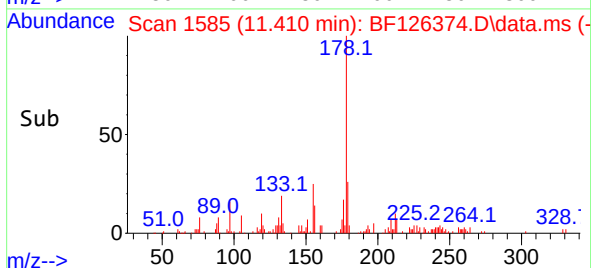
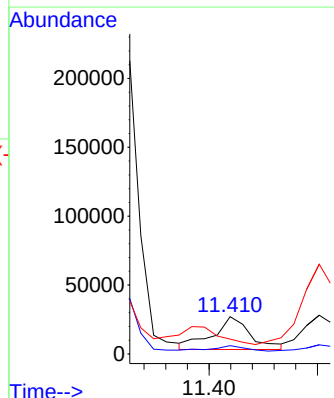
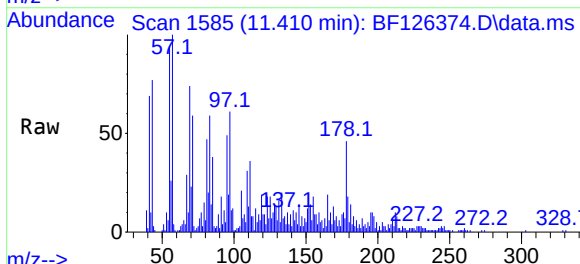
Manual Integrations
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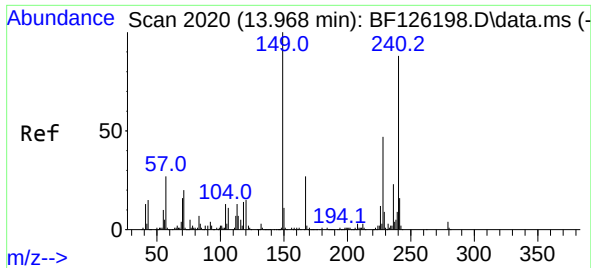
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#72
Anthracene
Concen: 2.989 ng m
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Tgt Ion:178 Resp: 28928
Ion Ratio Lower Upper
178 100
176 22.2 14.3 21.5#
179 39.8 12.2 18.4#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Instrument :

BNA_F

ClientSampleId :

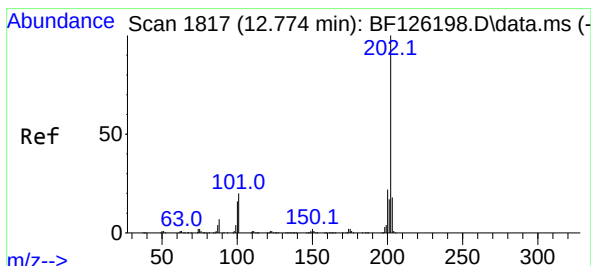
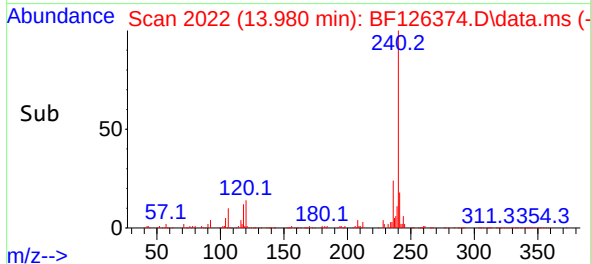
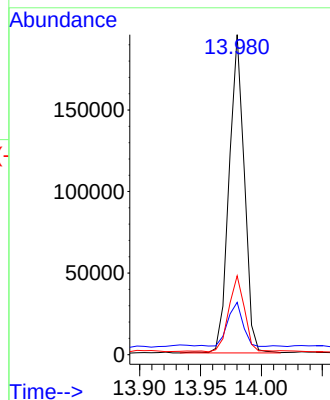
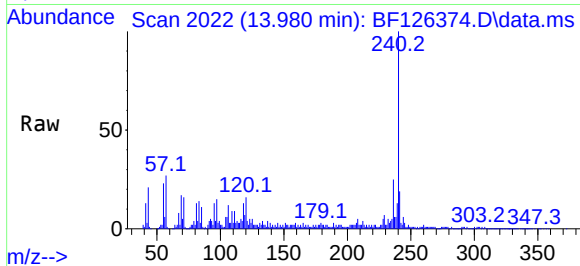
VAULT-WASTE

Tgt Ion:240 Resp: 170338
Ion Ratio Lower Upper
240 100
120 16.4 10.8 16.2
236 24.7 21.6 32.4

Manual Integrations

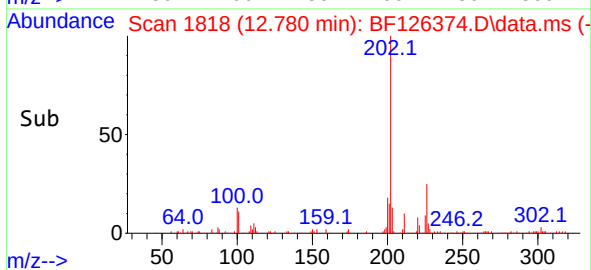
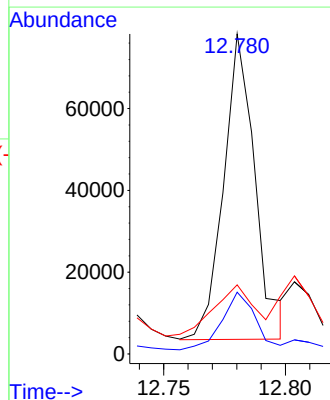
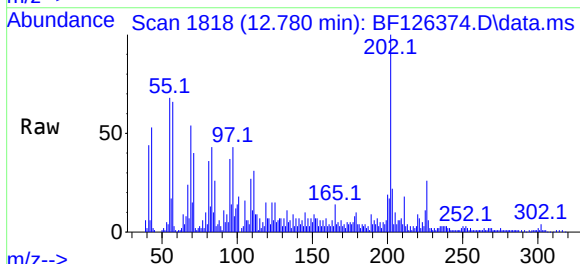
APPROVED

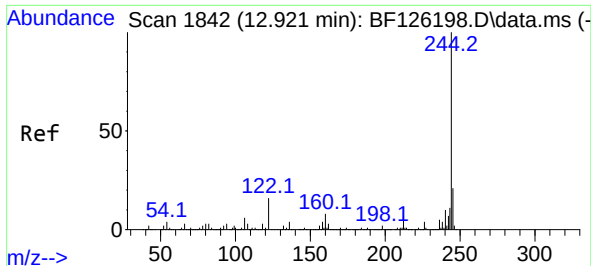
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Pyrene
Concen: 4.301 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Tgt Ion:202 Resp: 67305
Ion Ratio Lower Upper
202 100
200 19.3 15.3 22.9
203 21.6 13.4 20.0





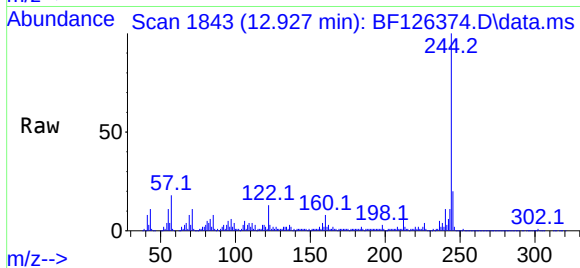
#79
 Terphenyl-d14
 Concen: 43.510 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126374.D
 Acq: 28 Dec 2021 00:49

Instrument :

BNA_F

ClientSampleId :

VAULT-WASTE

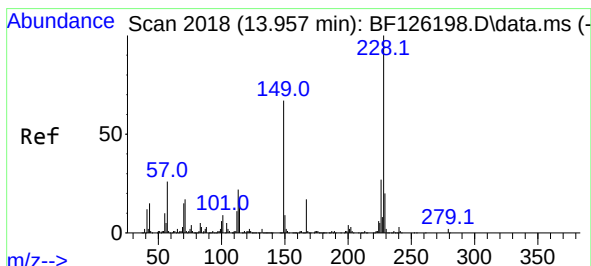
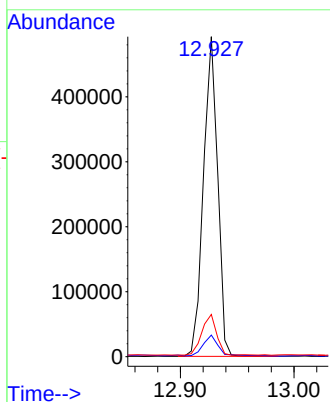
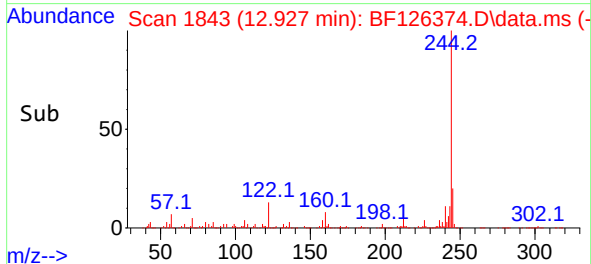


Tgt Ion:244 Resp: 42640
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 13.2 9.0 13.4

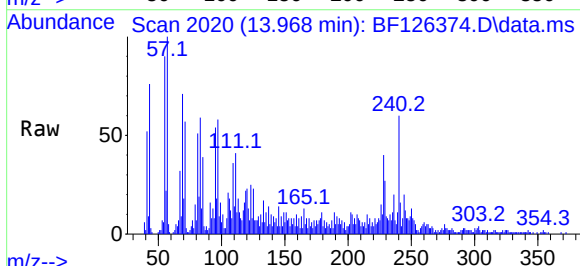
Manual Integrations

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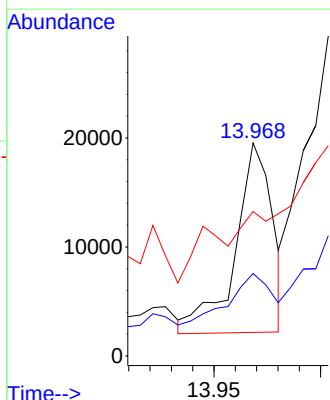
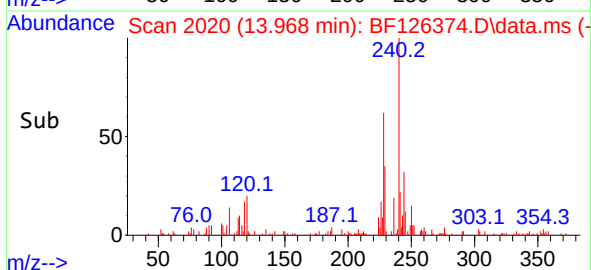
Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

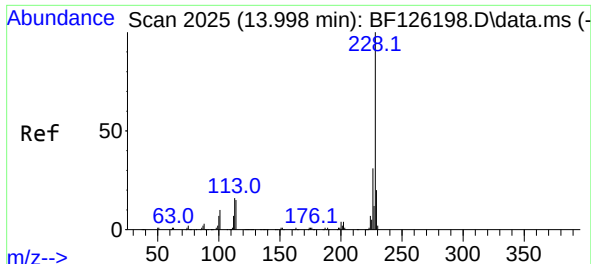


#81
 Benzo(a)anthracene
 Concen: 2.101 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: BF126374.D
 Acq: 28 Dec 2021 00:49



Tgt Ion:228 Resp: 21194
 Ion Ratio Lower Upper
 228 100
 226 38.7 21.6 32.4#
 229 67.8 15.6 23.4#





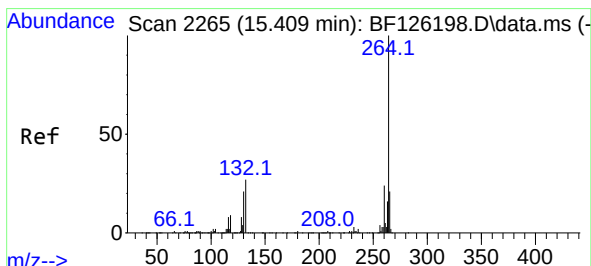
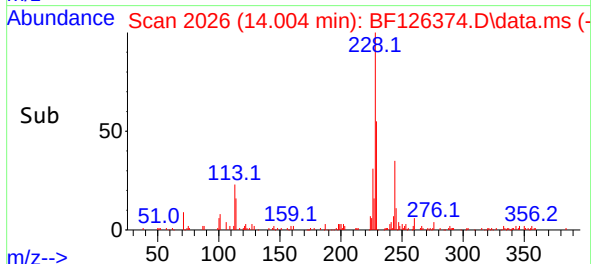
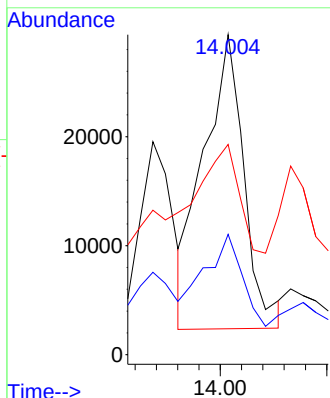
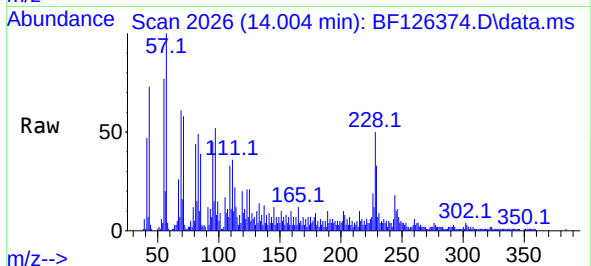
#83
Chrysene
Concen: 3.406 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Instrument :
BNA_F
ClientSampleId :
VAULT-WASTE

Tgt Ion:228 Resp: 3571
Ion Ratio Lower Upper
228 100
226 37.6 22.6 34.0
229 65.7 15.9 23.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF126374.D
Acq: 28 Dec 2021 00:49

Tgt Ion:264 Resp: 126541
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.2 17.2 25.8

