

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127104.D
 Acq On : 28 Feb 2022 17:16
 Operator : CG\JU
 Sample : N1679-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-221

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Mar 01 01:39:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	90956	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	360432	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	179288	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	293370	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	157988	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	175290	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	643673	109.376	ng	0.00
7) Phenol-d6	6.528	99	818590	103.086	ng	-0.01
23) Nitrobenzene-d5	7.463	82	584907	73.249	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	226958	109.947	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	898165	73.749	ng	-0.01
79) Terphenyl-d14	13.021	244	740118	68.866	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	11.233	266	38243	19.854	ng	94
71) Phenanthrene	11.457	178	33258	2.025	ng	97
75) Fluoranthene	12.645	202	64200	4.118	ng	94
78) Pyrene	12.880	202	62384	4.545	ng	99
81) Benzo(a)anthracene	14.068	228	26258	2.465	ng	94
83) Chrysene	14.104	228	32449	3.240	ng	97
88) Benzo(b)fluoranthene	15.133	252	44837m	3.808	ng	
90) Benzo(a)pyrene	15.509	252	26580	2.890	ng	# 93

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

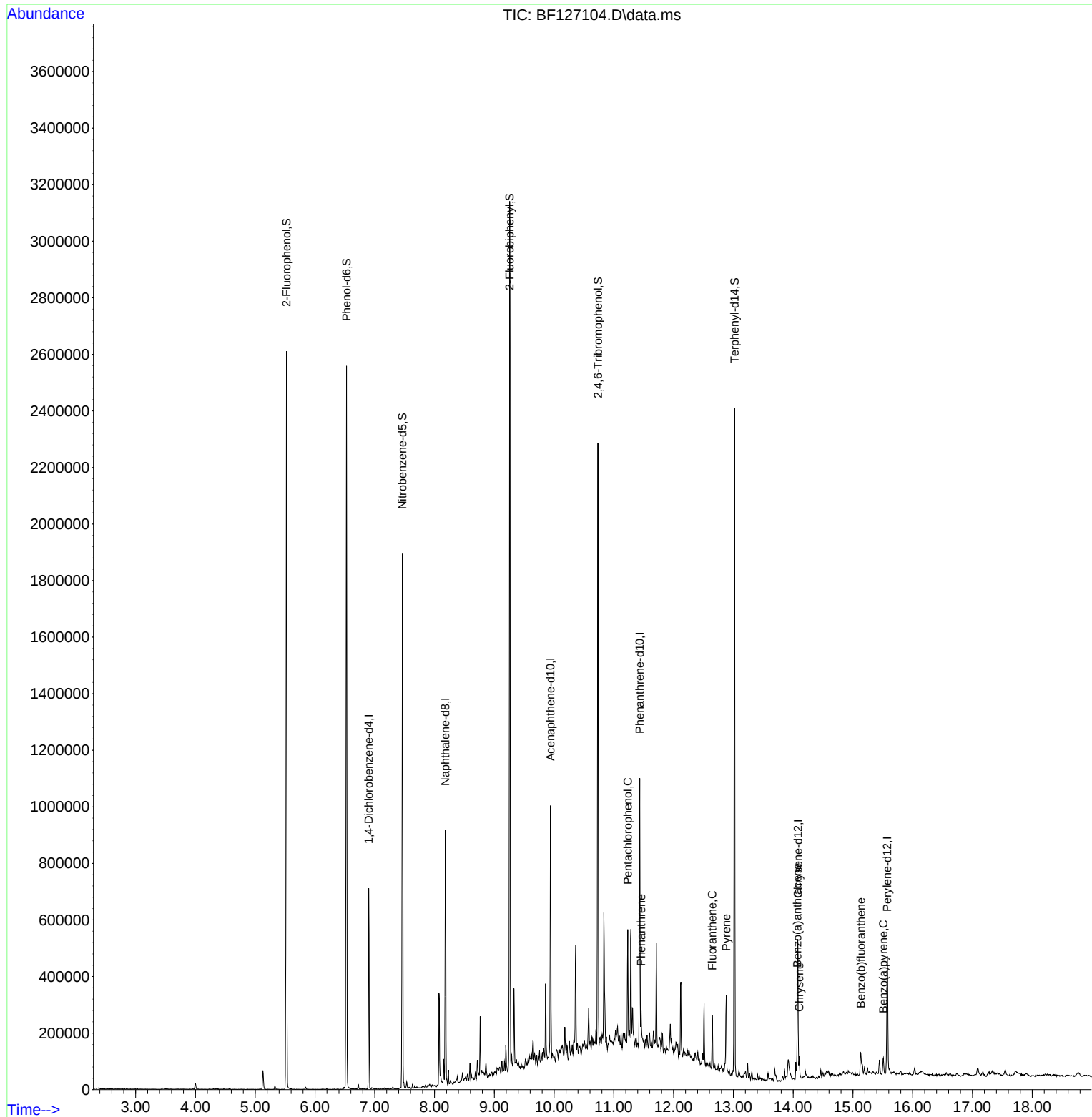
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
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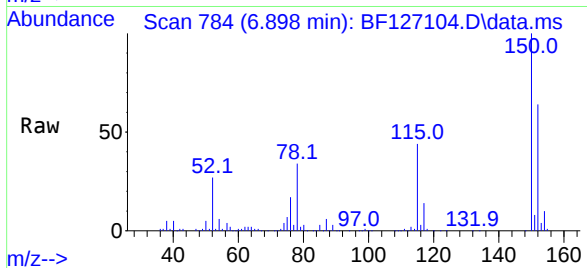
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

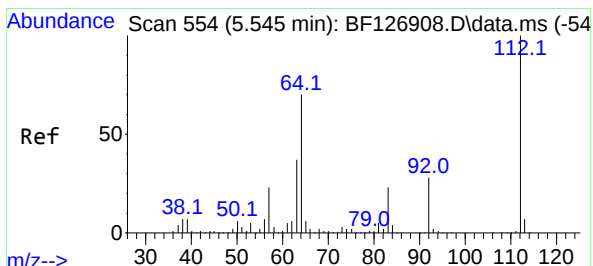
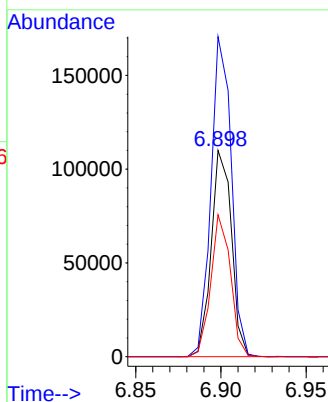
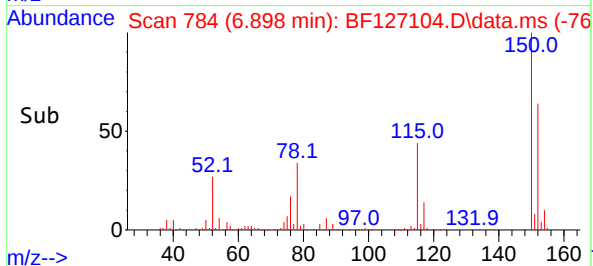
Instrument :
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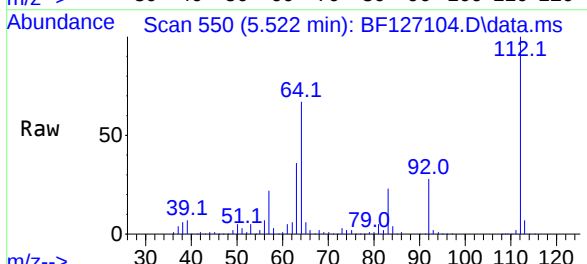
Tgt Ion:152 Resp: 90950
Ion Ratio Lower Upper
152 100
150 155.2 128.1 192.1
115 68.9 56.7 85.1

Manual Integrations
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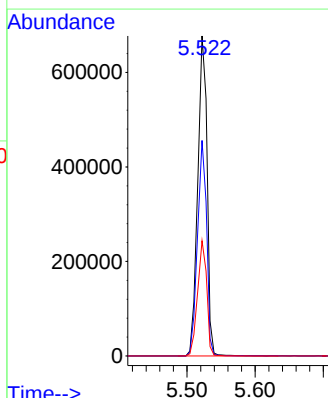
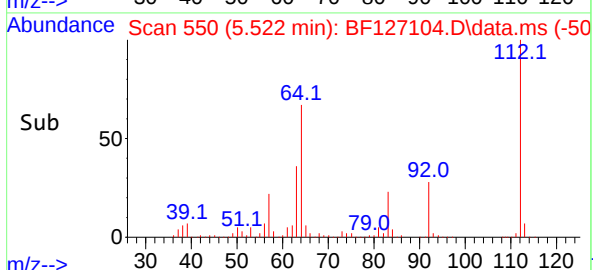
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

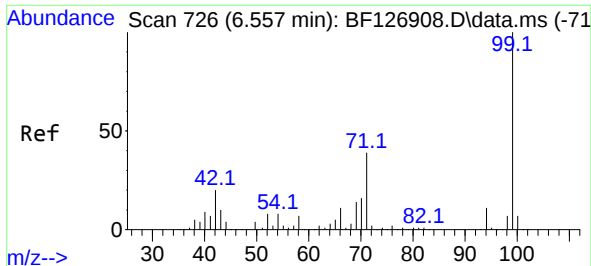


#5
2-Fluorophenol
Concen: 109.376 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



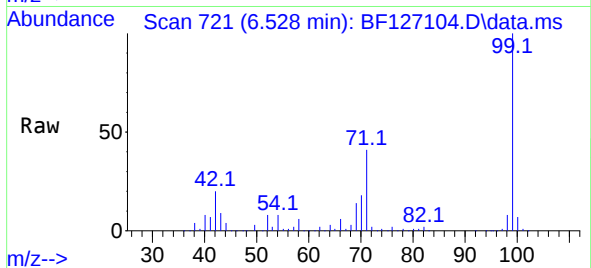
Tgt Ion:112 Resp: 643673
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.0 23.9 35.9





#7
Phenol-d6
Concen: 103.086 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

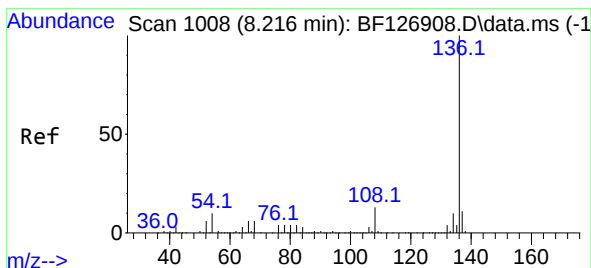
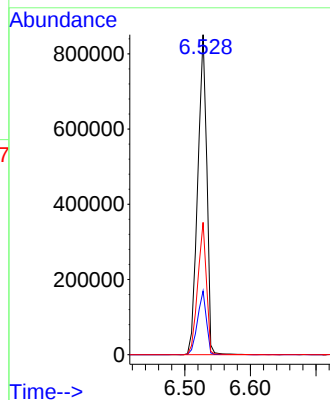
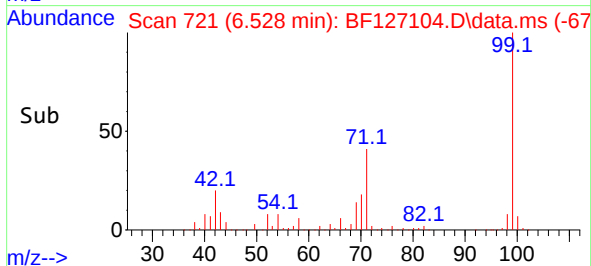
Instrument :
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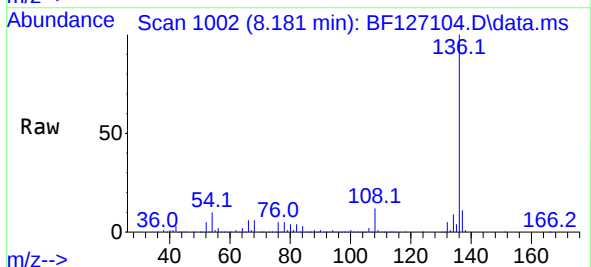
Tgt Ion: 99 Resp: 818590
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.3 24.3 36.5

Manual Integrations
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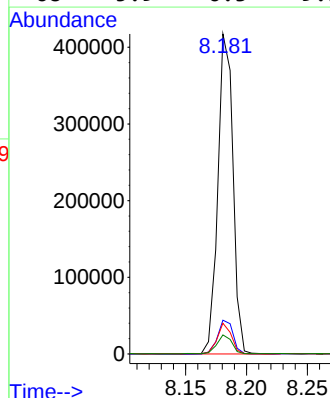
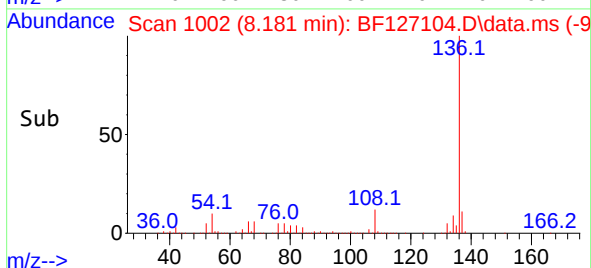
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



Tgt Ion:136 Resp: 360432
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.6 7.8 11.6
68 5.9 6.3 9.5





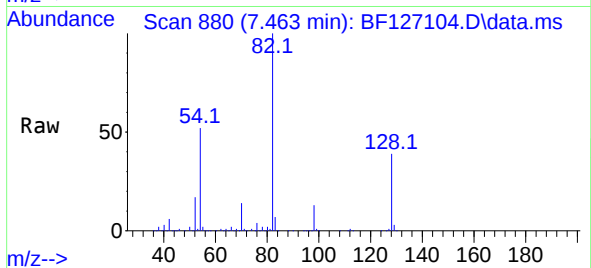
#23
Nitrobenzene-d5
Concen: 73.249 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Instrument :

BNA_F

ClientSampleId :

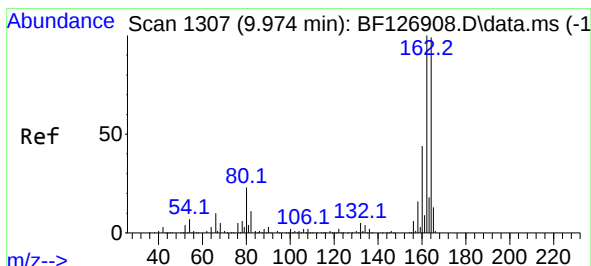
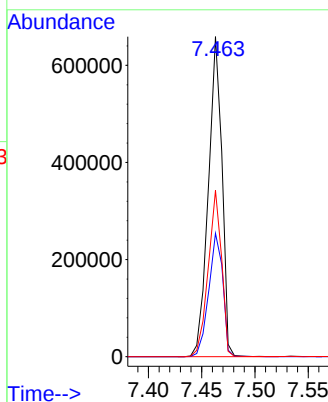
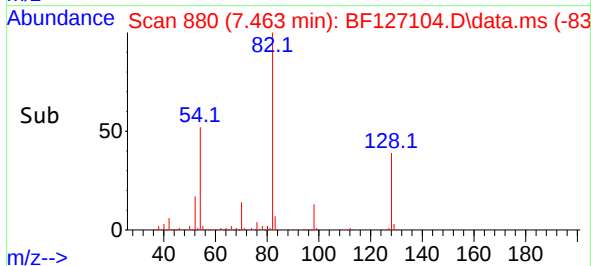
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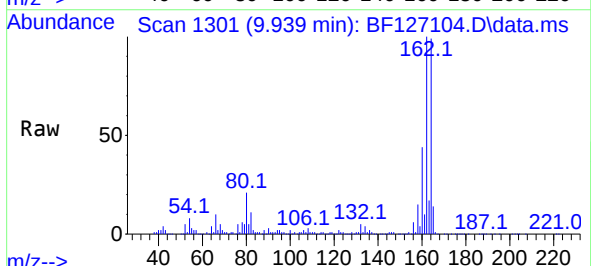
Tgt Ion: 82 Resp: 58490
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 52.0 41.7 62.5

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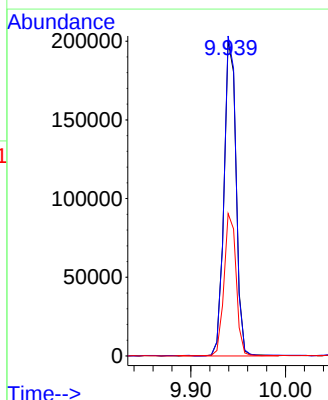
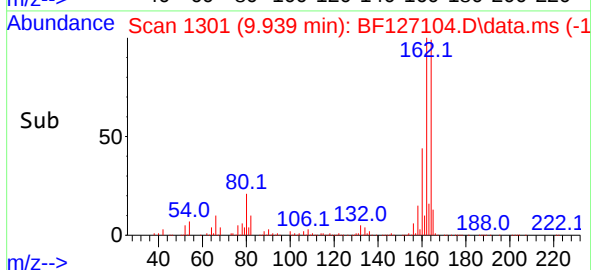
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



Tgt Ion:164 Resp: 179288
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.2 36.6 54.8





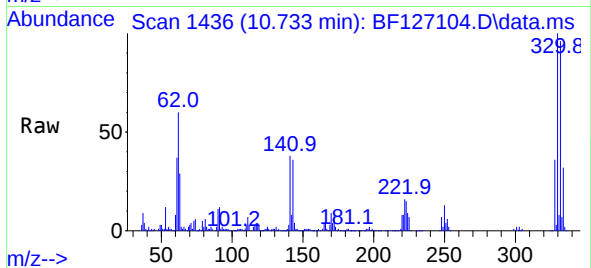
#42
2,4,6-Tribromophenol
Concen: 109.947 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Instrument :

BNA_F

ClientSampleId :

RO-VNJ-221

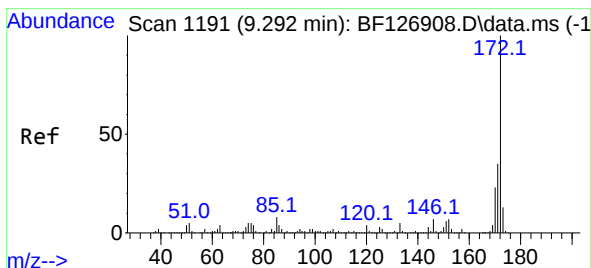
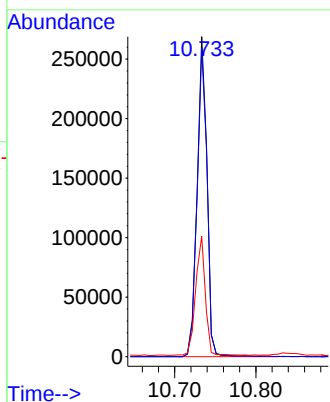
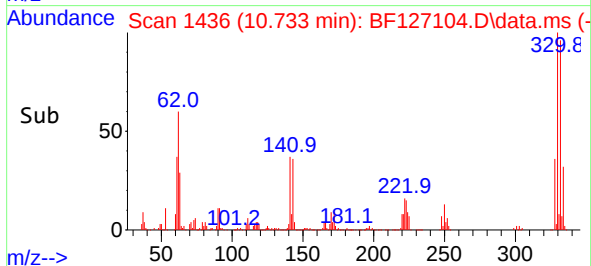


Tgt Ion:330 Resp: 226958
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 37.0 30.1 45.1

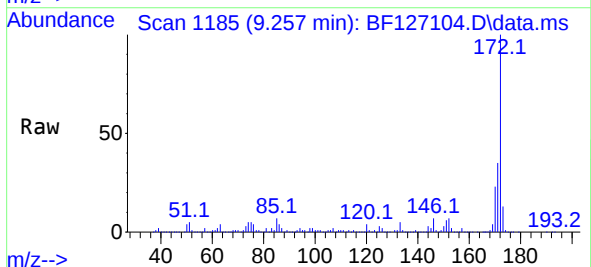
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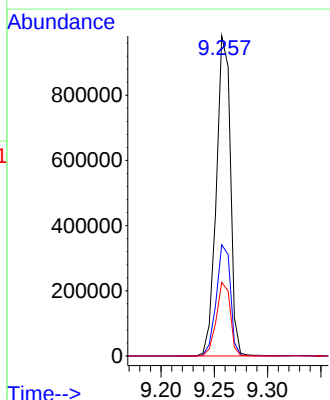
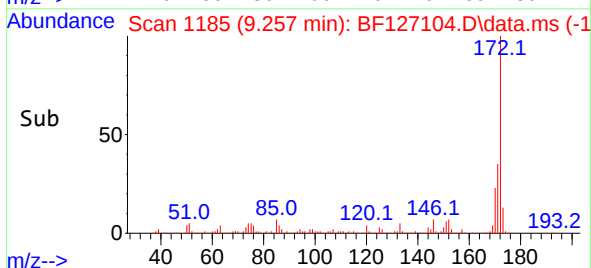
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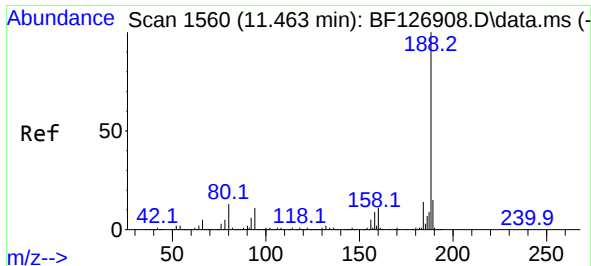


#45
2-Fluorobiphenyl
Concen: 73.749 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



Tgt Ion:172 Resp: 898165
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 19.0 28.6





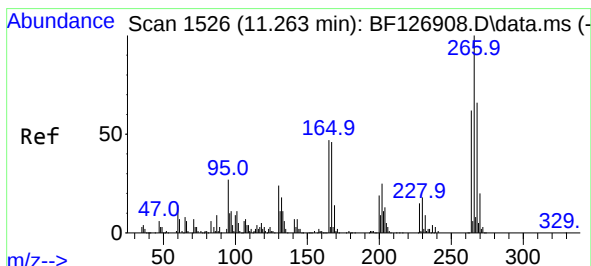
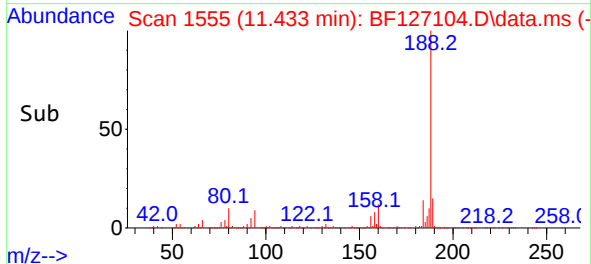
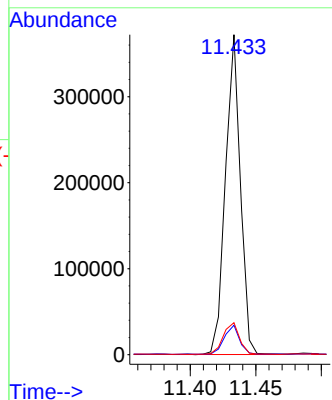
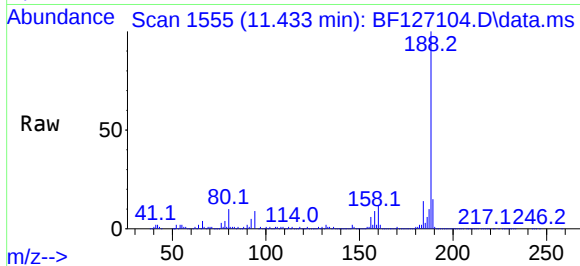
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-221

Tgt Ion:188 Resp: 293370
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1
80 10.0 11.8 17.6

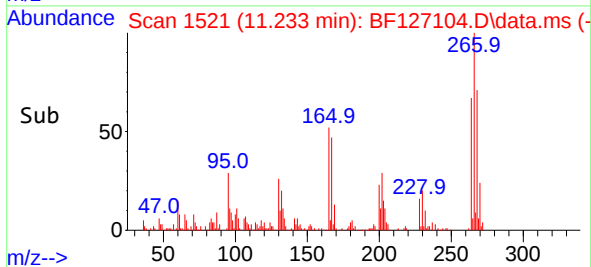
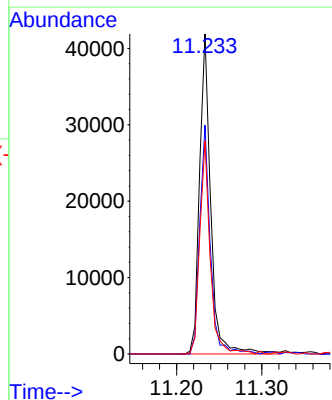
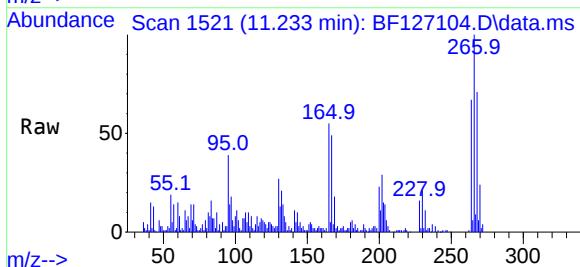
Manual Integrations
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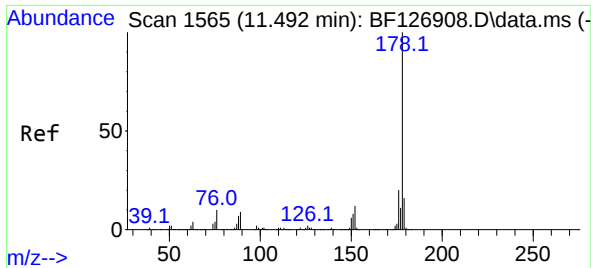
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#70
Pentachlorophenol
Concen: 19.854 ng
RT: 11.233 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

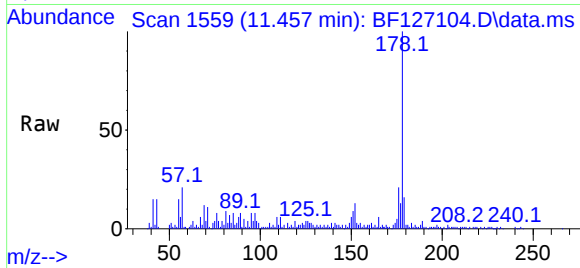
Tgt Ion:266 Resp: 38243
Ion Ratio Lower Upper
266 100
268 71.5 52.3 78.5
264 66.6 50.4 75.6





#71
Phenanthrene
Concen: 2.025 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

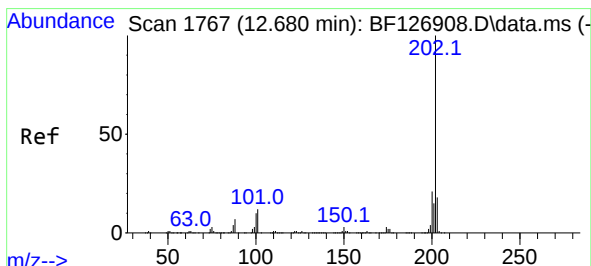
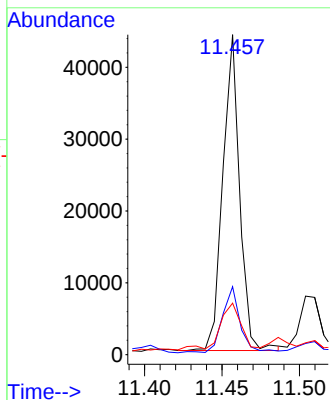
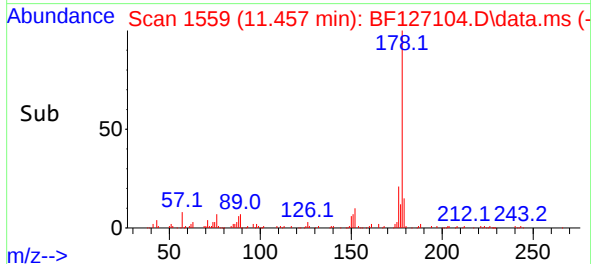
Instrument :
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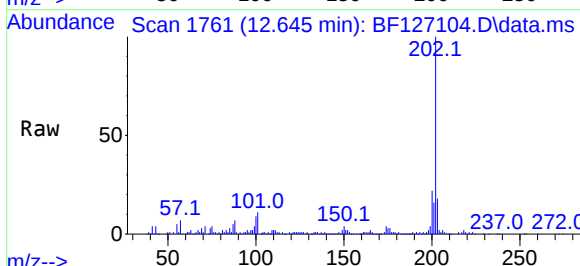
Tgt Ion:178 Resp: 33258
Ion Ratio Lower Upper
178 100
176 21.3 15.7 23.5
179 16.1 12.3 18.5

Manual Integrations
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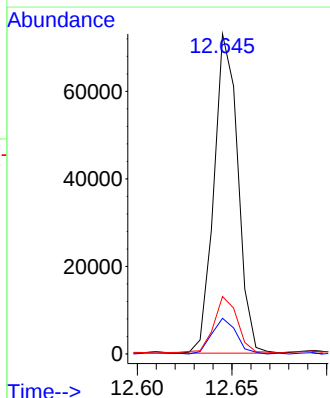
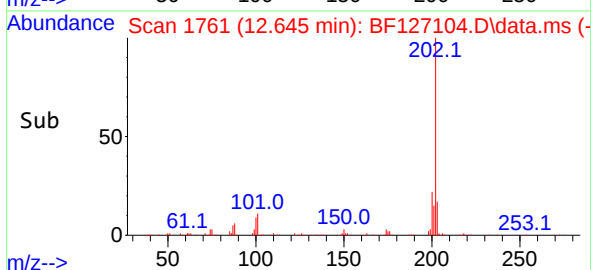
Reviewed By :Christian Giraldo 03/01/2022
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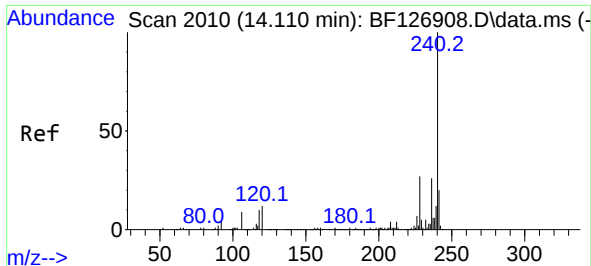


#75
Fluoranthene
Concen: 4.118 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



Tgt Ion:202 Resp: 64200
Ion Ratio Lower Upper
202 100
101 11.2 0.0 35.7
203 18.0 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Instrument :

BNA_F

ClientSampleId :

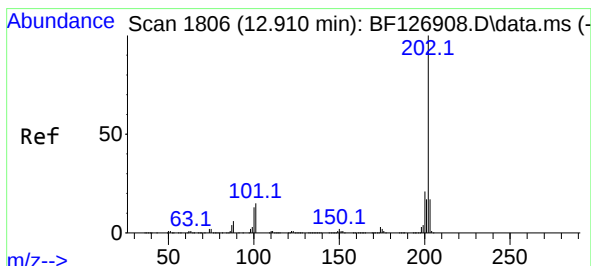
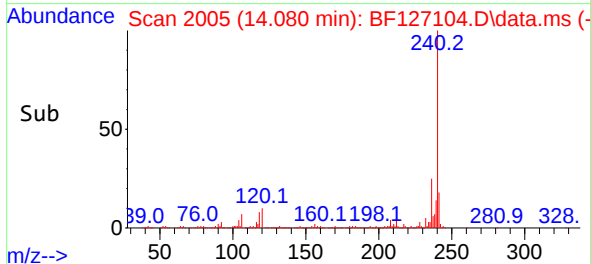
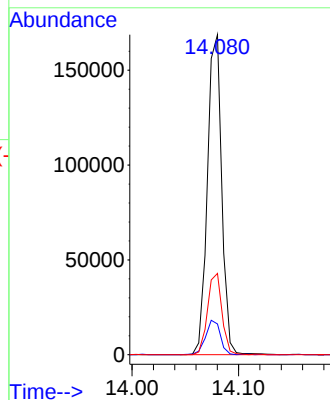
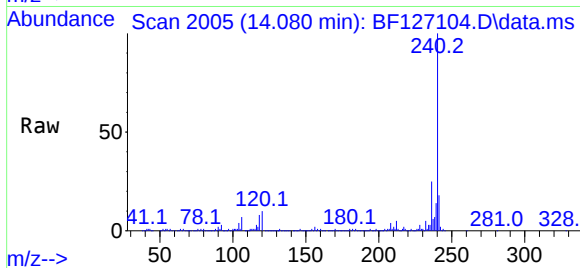
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Tgt Ion:240 Resp: 15798
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6
236 25.4 20.5 30.7

Manual Integrations

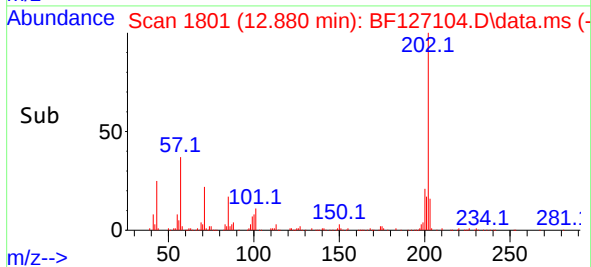
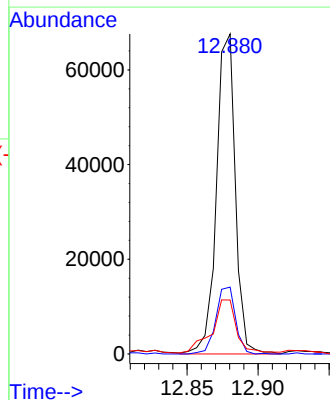
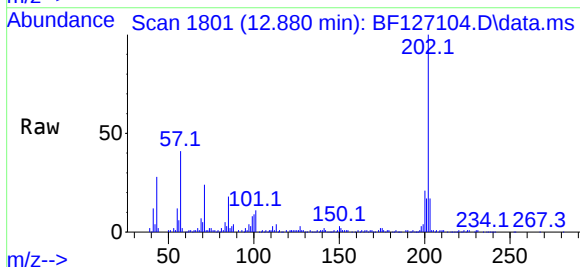
APPROVED

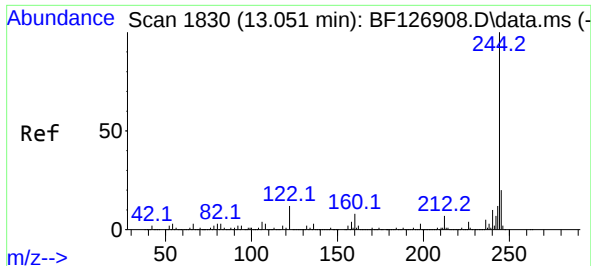
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#78
Pyrene
Concen: 4.545 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Tgt Ion:202 Resp: 62384
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 16.8 13.8 20.8





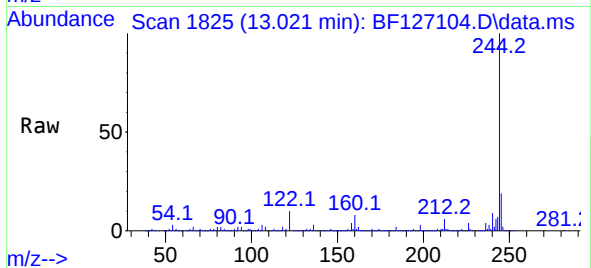
#79
Terphenyl-d14
Concen: 68.866 ng
RT: 13.021 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

Instrument :

BNA_F

ClientSampleId :

RO-VNJ-221

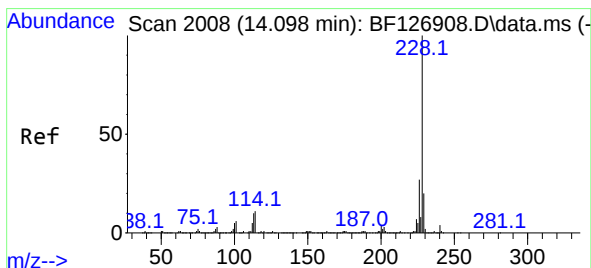
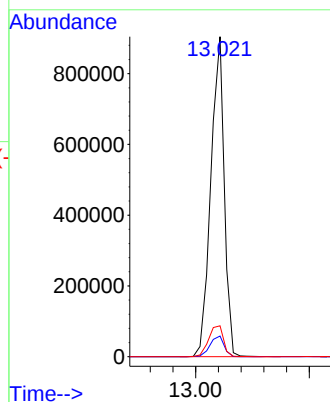
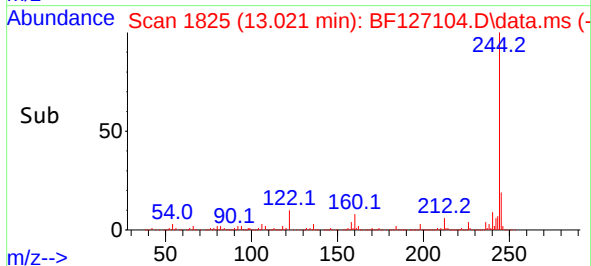


Tgt Ion:244 Resp: 740118
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.6 13.3 19.9

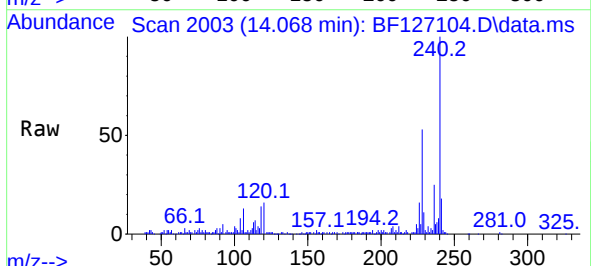
Manual Integrations

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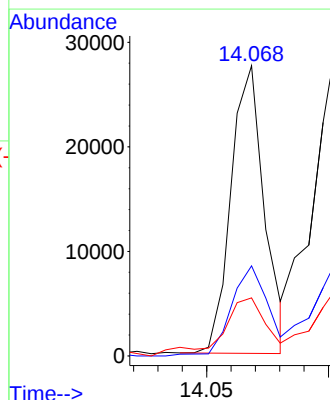
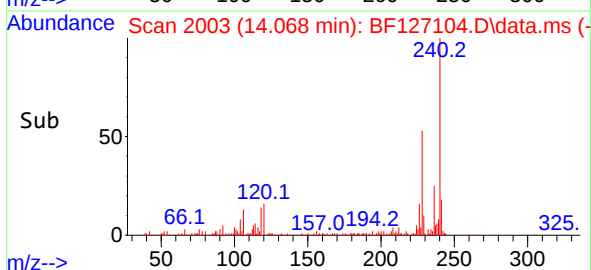
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

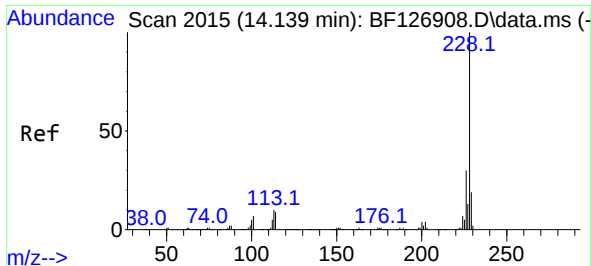


#81
Benzo(a)anthracene
Concen: 2.465 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



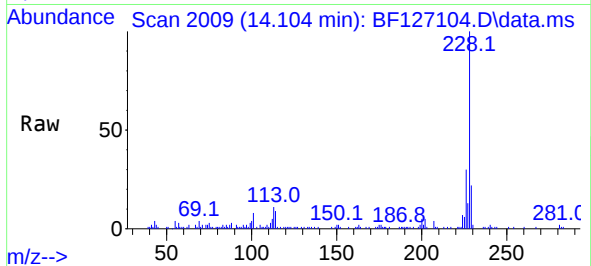
Tgt Ion:228 Resp: 26258
Ion Ratio Lower Upper
228 100
226 31.0 21.4 32.0
229 20.0 15.4 23.2





#83
Chrysene
Concen: 3.240 ng
RT: 14.104 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

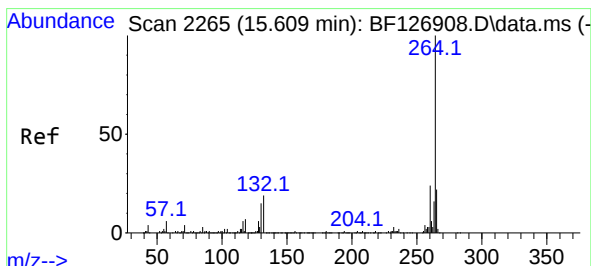
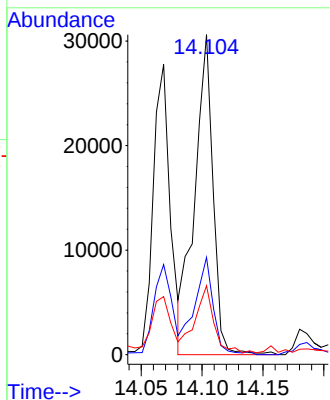
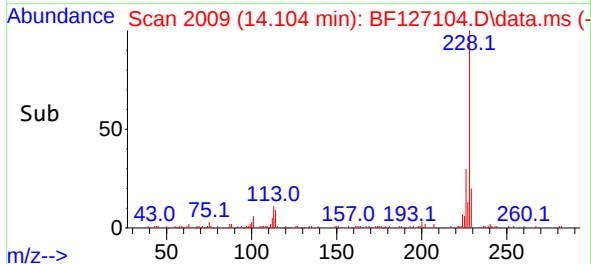
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-221



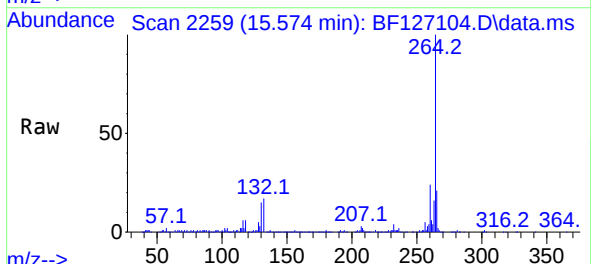
Tgt Ion:228 Resp: 32449
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 21.6 15.5 23.3

Manual Integrations
APPROVED

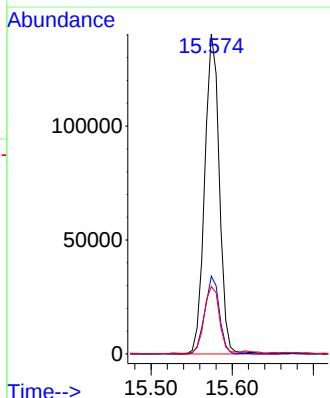
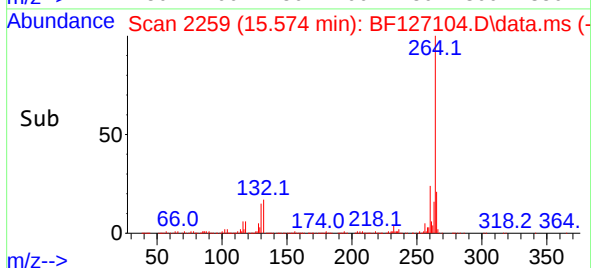
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

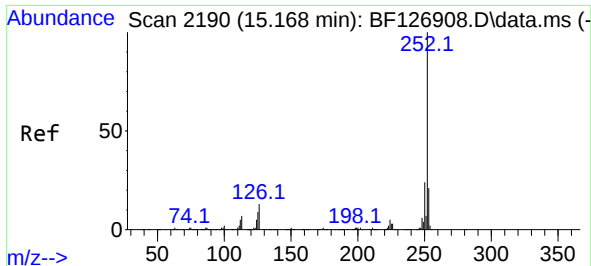


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



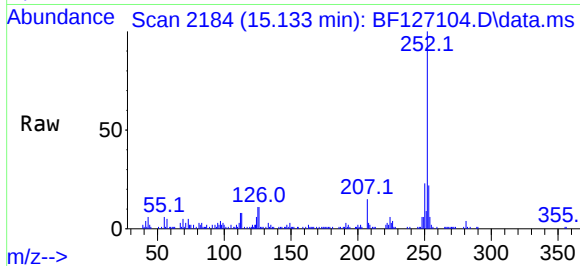
Tgt Ion:264 Resp: 175290
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.0 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.808 ng m
RT: 15.133 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16

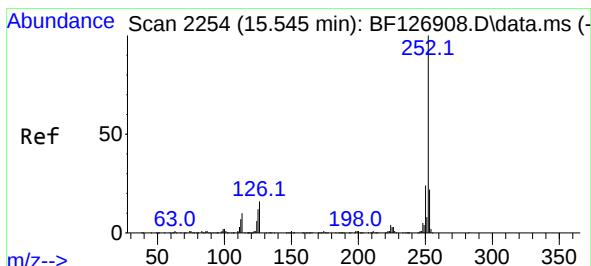
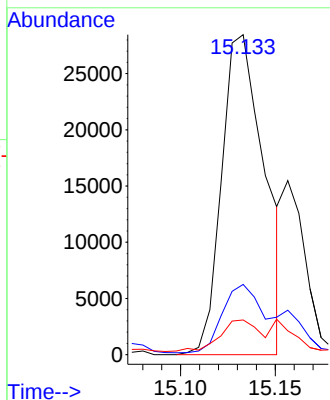
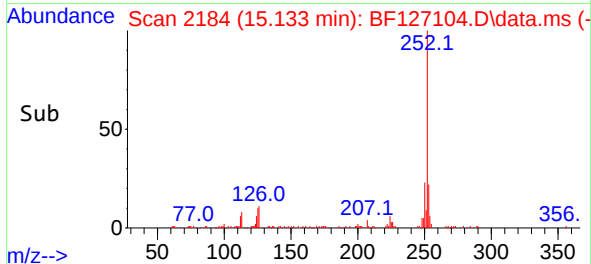
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-221



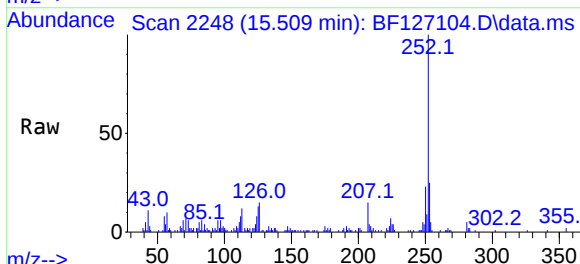
Tgt Ion:252 Resp: 4483
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.9 12.4 18.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#90
Benzo(a)pyrene
Concen: 2.890 ng
RT: 15.509 min Scan# 2248
Delta R.T. -0.012 min
Lab File: BF127104.D
Acq: 28 Feb 2022 17:16



Tgt Ion:252 Resp: 26580
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 12.8 13.0 19.6

