

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134614.D
 Acq On : 03 Aug 2023 16:45
 Operator : CG\JU
 Sample : 03756-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-11-CS-11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:09:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154351	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	534406	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	228529	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	415211	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	244176	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	203823	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	842185	82.941	ng	0.00
7) Phenol-d6	6.428	99	1010091	77.819	ng	0.00
23) Nitrobenzene-d5	7.357	82	541767	63.353	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	201642	86.555	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	907215	66.006	ng	0.00
79) Terphenyl-d14	12.916	244	953773	68.859	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	82866	3.557	ng	97
78) Pyrene	12.763	202	87793	4.155	ng	98
88) Benzo(b)fluoranthene	15.004	252	32445m	2.610	ng	
90) Benzo(a)pyrene	15.368	252	24440	2.109	ng	# 80

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

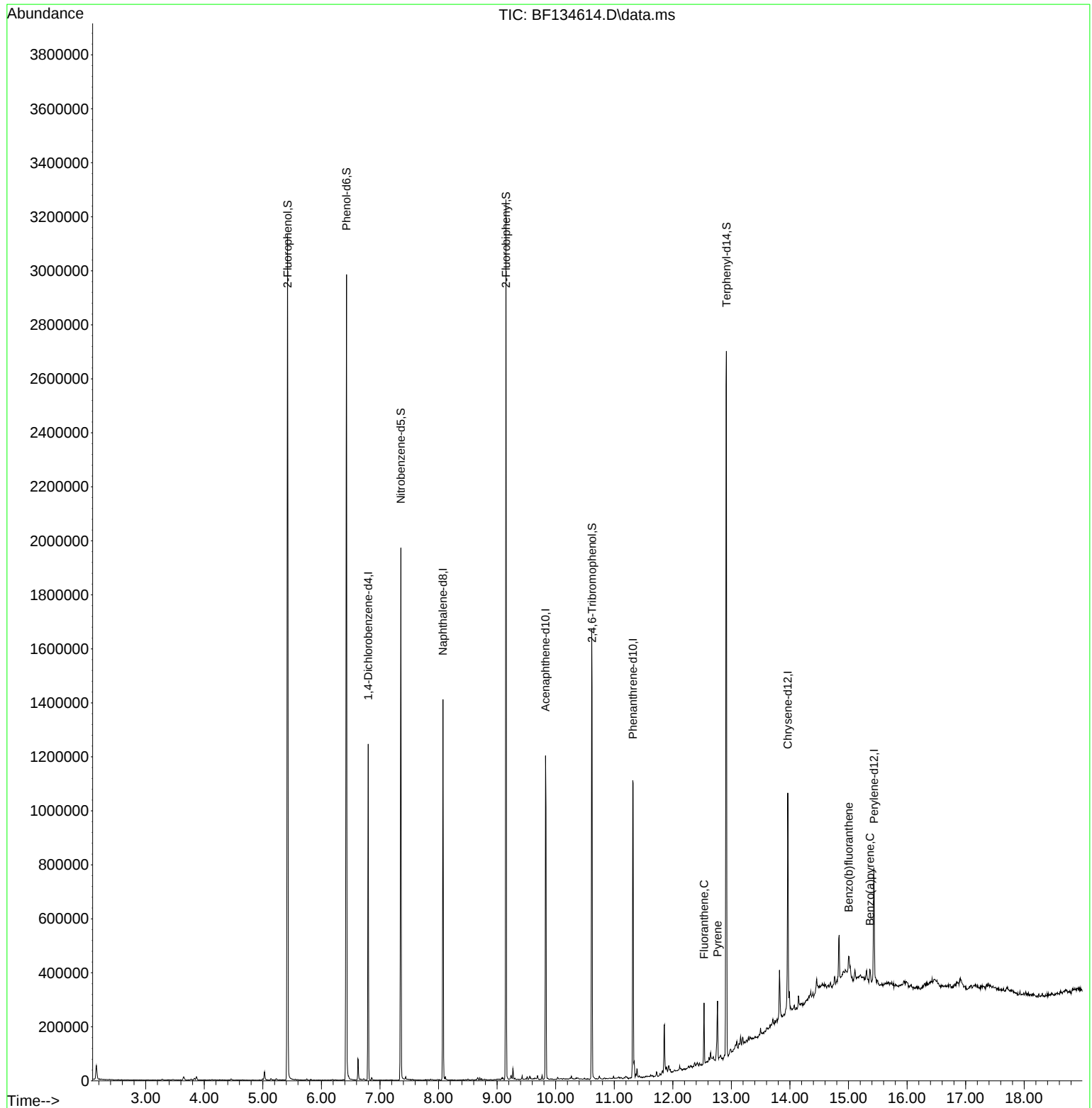
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134614.D
Acq On : 03 Aug 2023 16:45
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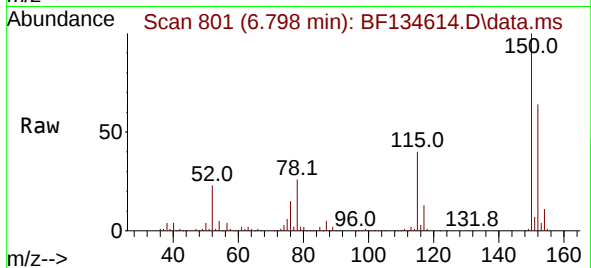
Quant Time: Aug 04 01:09:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

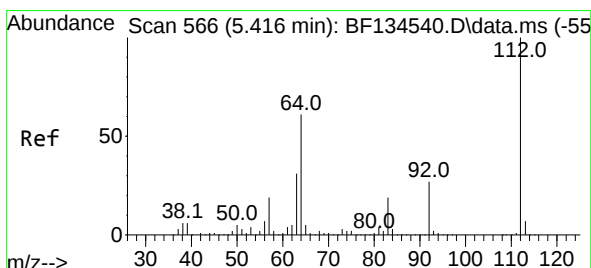
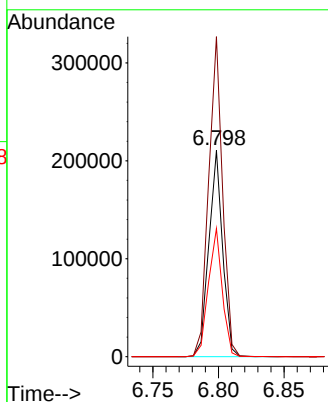
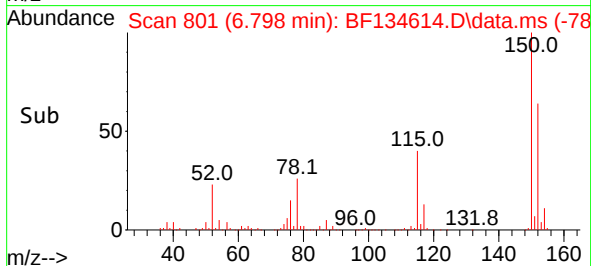
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



Tgt Ion:152 Resp: 15435
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 62.1 52.4 78.6

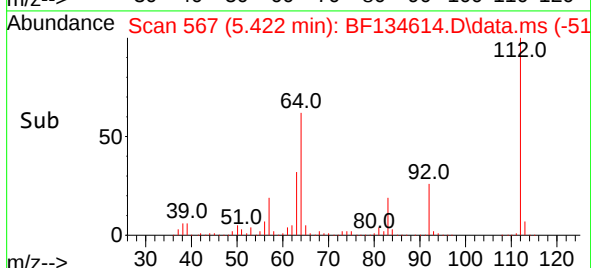
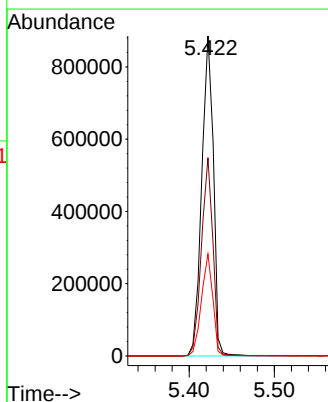
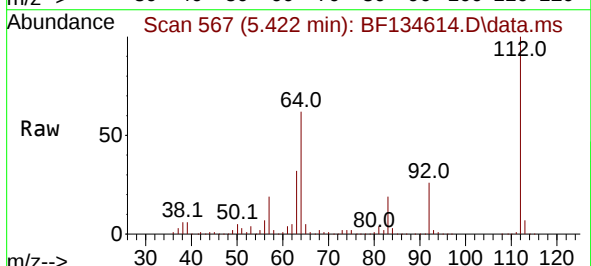
Manual Integrations
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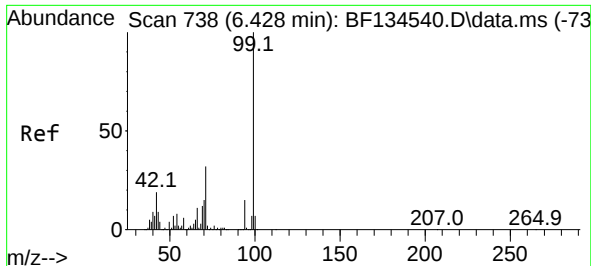
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#5
2-Fluorophenol
Concen: 82.941 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

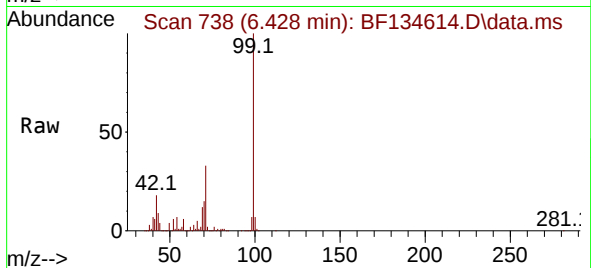
Tgt Ion:112 Resp: 842185
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 31.8 25.4 38.0





#7
Phenol-d6
Concen: 77.819 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

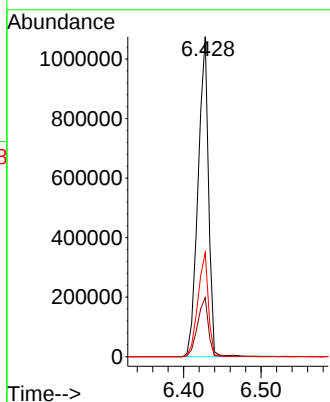
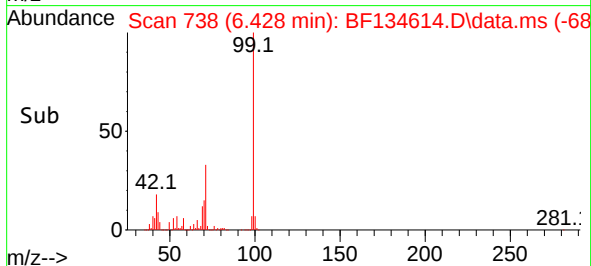
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



Tgt Ion: 99 Resp: 101009
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.5 36.4 54.6#

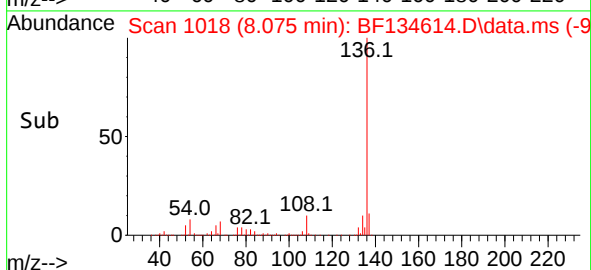
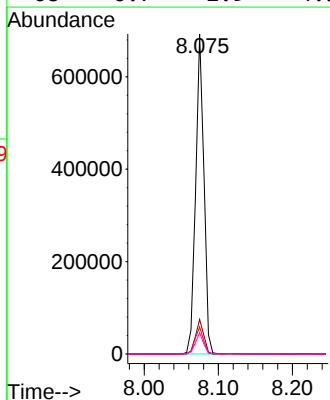
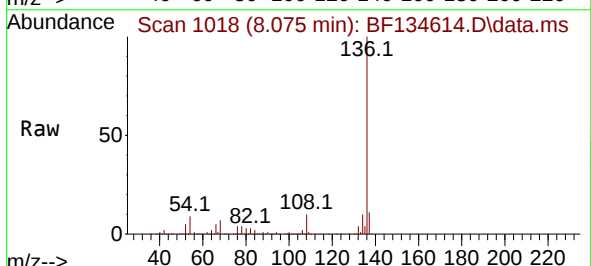
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Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

Tgt Ion:136 Resp: 534406
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.5 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 63.353 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134614.D

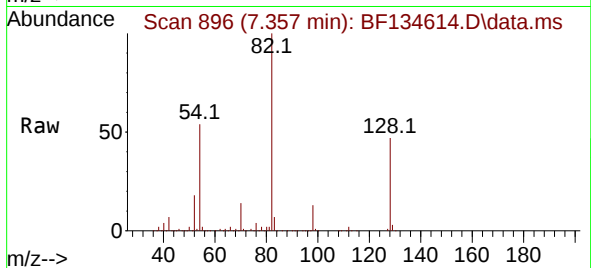
Acq: 03 Aug 2023 16:45

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11



Tgt Ion: 82 Resp: 54176

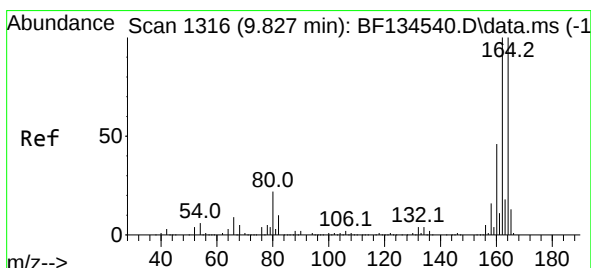
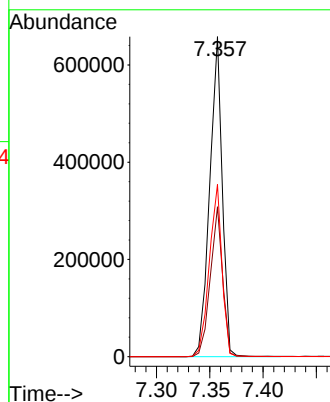
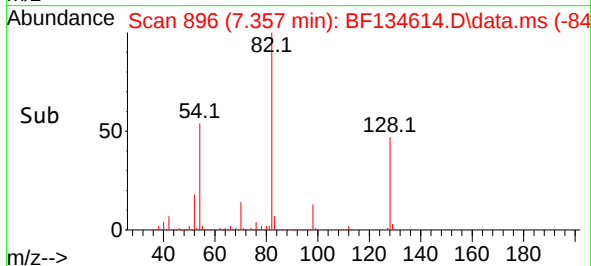
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.3	51.5
54	53.8	43.8	65.6

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Supervised By :mohammad ahmed 08/04/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

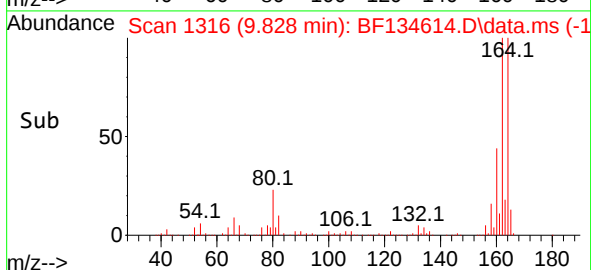
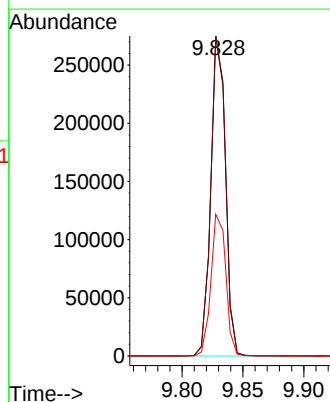
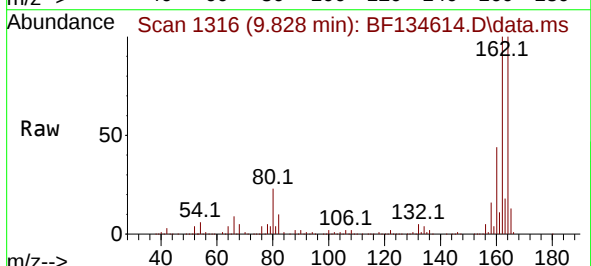
Delta R.T. 0.000 min

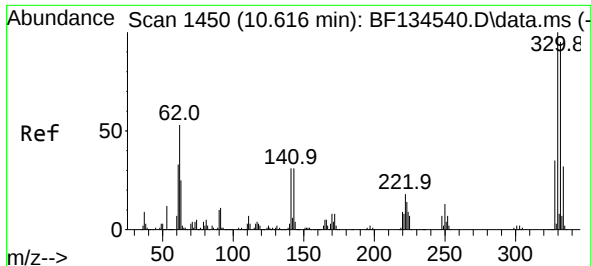
Lab File: BF134614.D

Acq: 03 Aug 2023 16:45

Tgt Ion:164 Resp: 228529

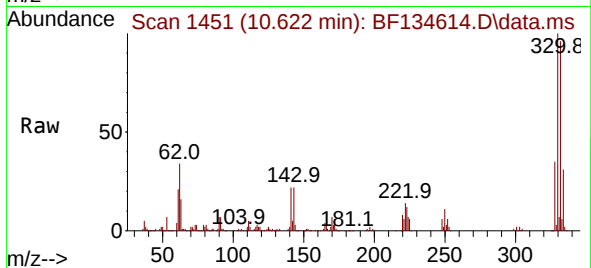
Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	44.3	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 86.555 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

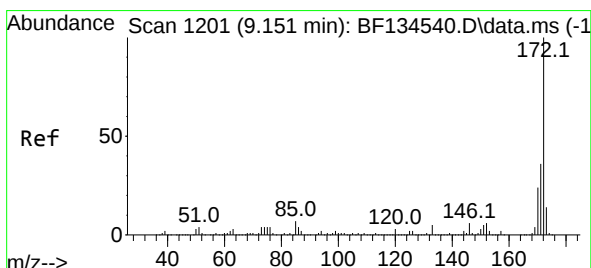
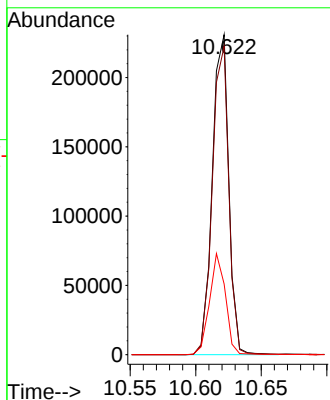
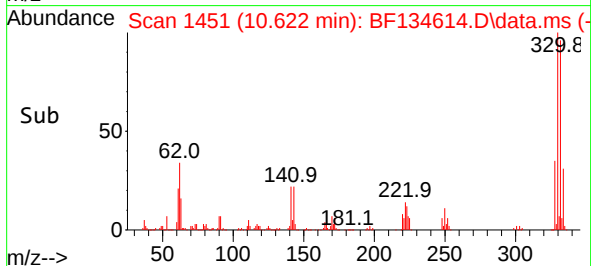
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



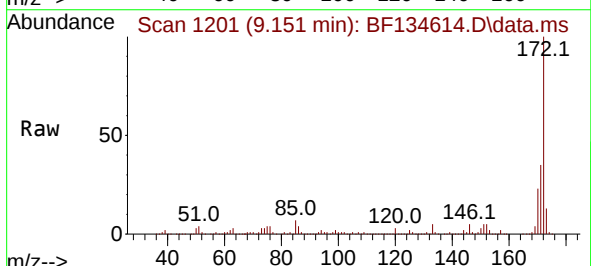
Tgt Ion: 330 Resp: 20164
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 30.5 25.4 38.2

Manual Integrations
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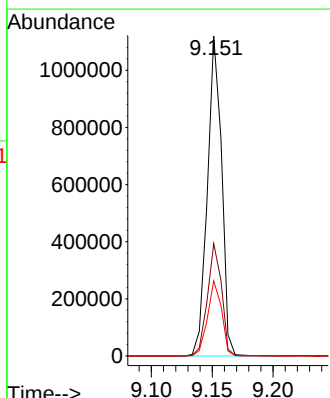
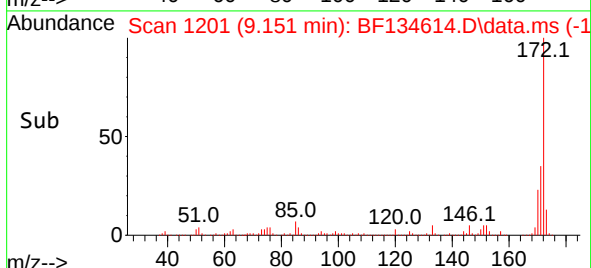
Reviewed By : Yogesh Patel 08/04/2023
Supervised By : mohammad ahmed 08/04/2023

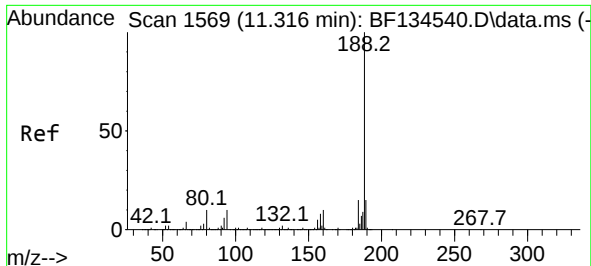


#45
2-Fluorobiphenyl
Concen: 66.006 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45



Tgt Ion: 172 Resp: 907215
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.4 18.7 28.1





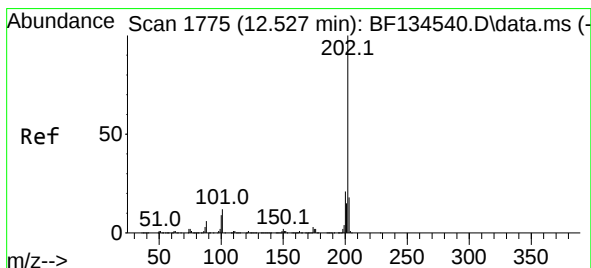
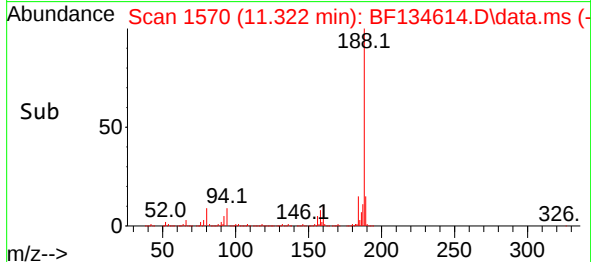
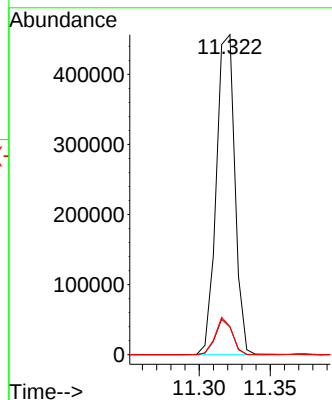
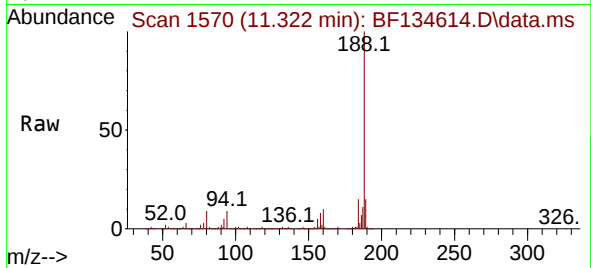
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

Tgt Ion:188 Resp: 41521
Ion Ratio Lower Upper
188 100
94 8.6 5.1 7.7
80 8.8 6.6 9.8

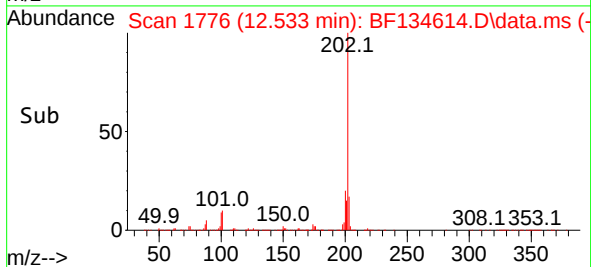
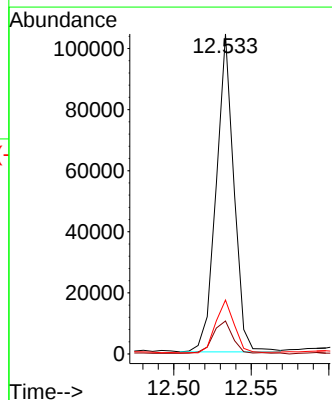
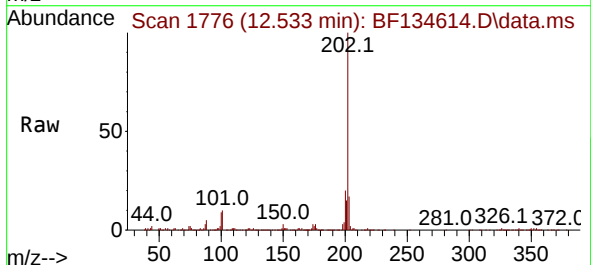
Manual Integrations
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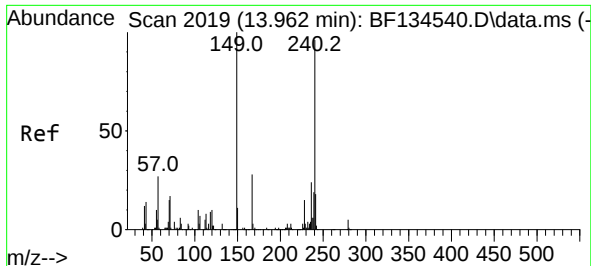
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#75
Fluoranthene
Concen: 3.557 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

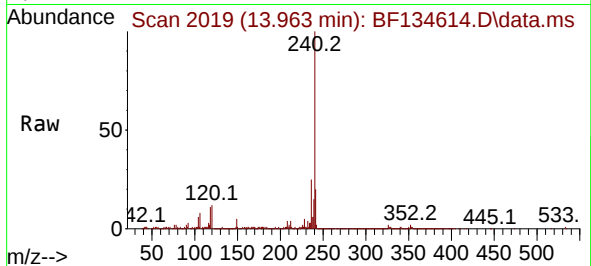
Tgt Ion:202 Resp: 82866
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.5
203 16.9 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

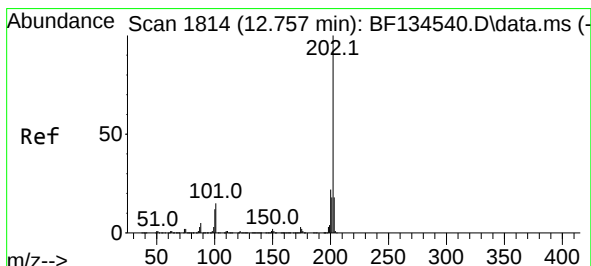
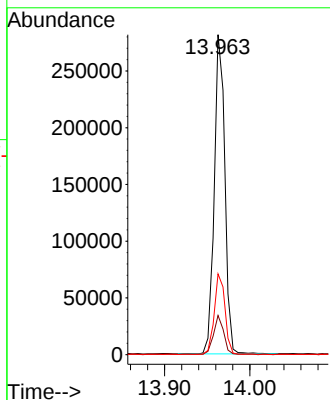
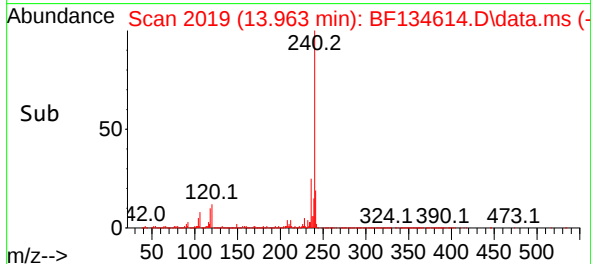
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



Tgt Ion:240 Resp: 244170
Ion Ratio Lower Upper
240 100
120 12.3 6.6 10.0
236 25.3 20.2 30.2

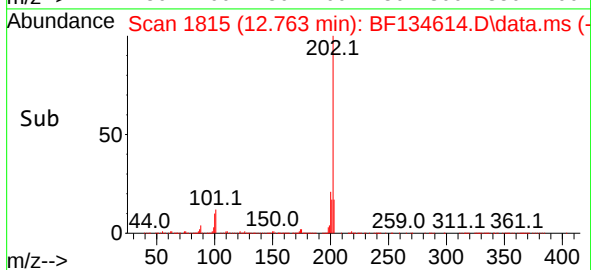
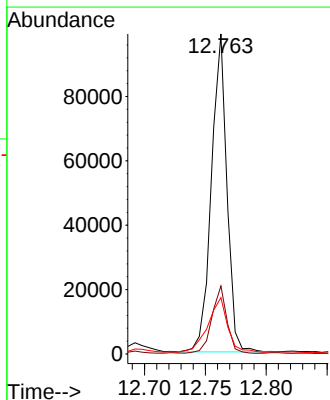
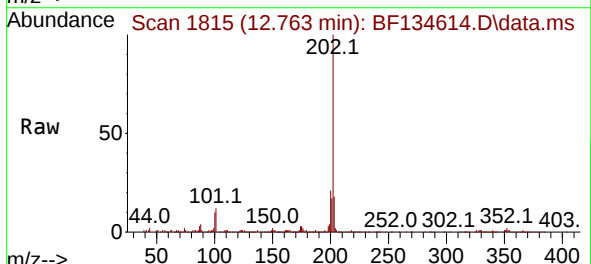
Manual Integrations
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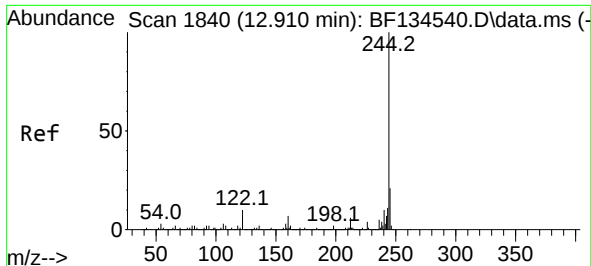
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#78
Pyrene
Concen: 4.155 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

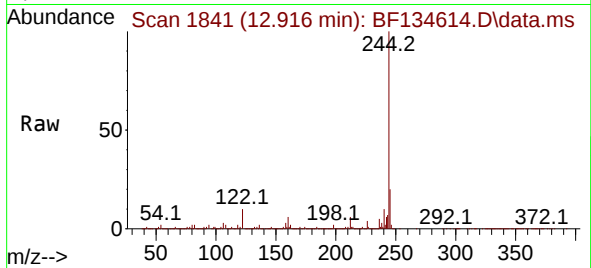
Tgt Ion:202 Resp: 87793
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 17.6 13.5 20.3





#79
Terphenyl-d14
Concen: 68.859 ng
RT: 12.916 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

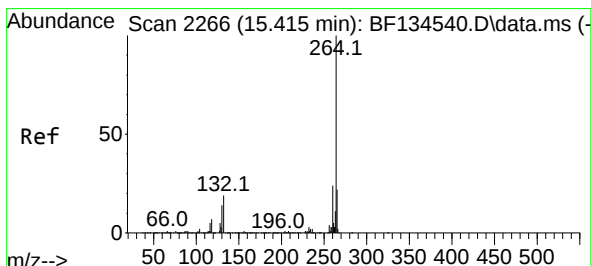
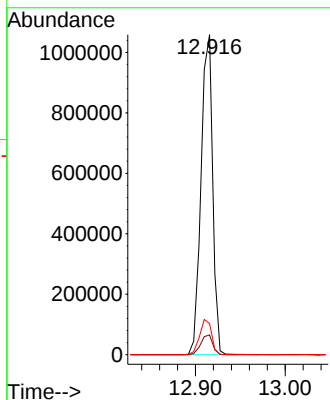
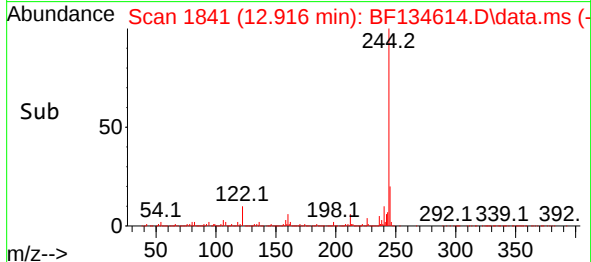
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



Tgt Ion:244 Resp: 95377
Ion Ratio Lower Upper
244 100
212 6.1 5.6 8.4
122 9.8 8.0 12.0

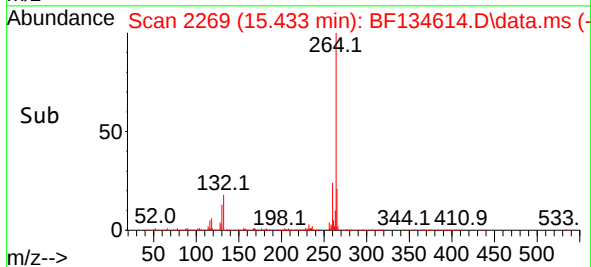
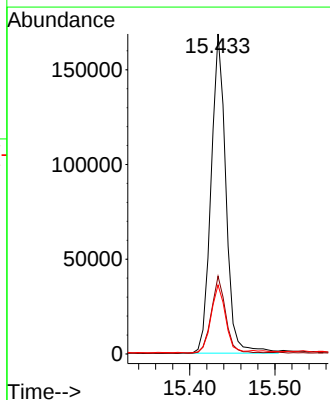
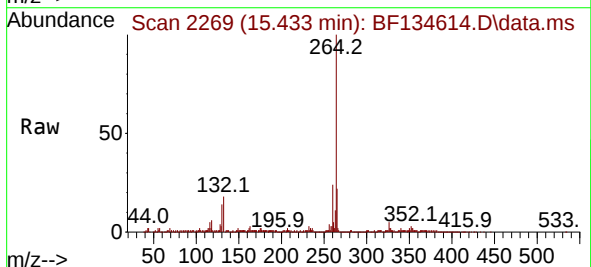
Manual Integrations
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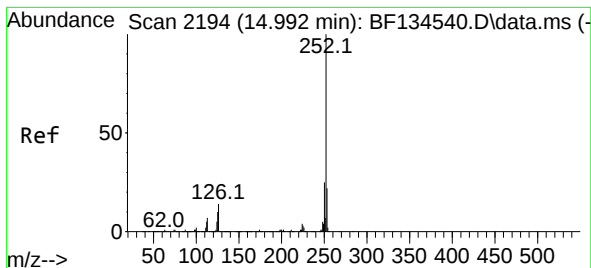
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.018 min
Lab File: BF134614.D
Acq: 03 Aug 2023 16:45

Tgt Ion:264 Resp: 203823
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.5 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.610 ng m

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:45

Instrument :

BNF

ClientSampleId :

RPTP-11-CS-11

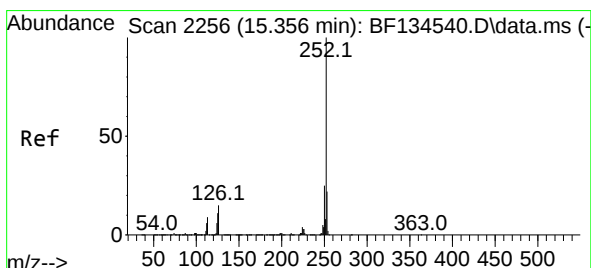
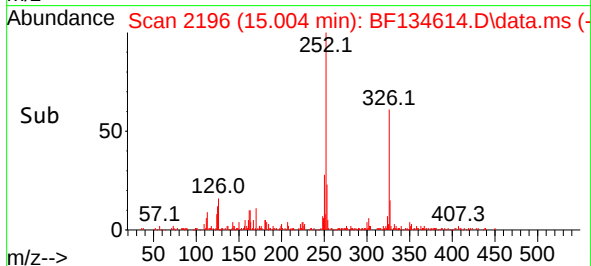
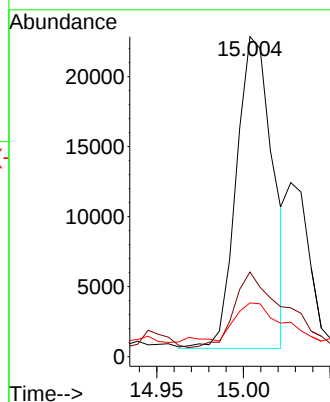
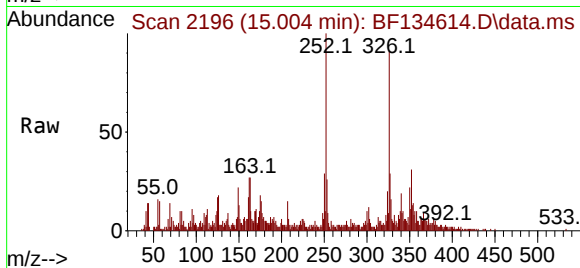
Tgt Ion:	252	Resp:	3244
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.3	25.9
125	16.8	6.0	9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#90

Benzo(a)pyrene

Concen: 2.109 ng

RT: 15.368 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF134614.D

Acq: 03 Aug 2023 16:45

Tgt Ion:	252	Resp:	24440
Ion Ratio	Lower	Upper	
252	100		
253	30.8	17.0	25.4
125	14.4	6.2	9.4

