

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135415.D
 Acq On : 22 Sep 2023 23:26
 Operator : CG\JU
 Sample : 04453-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 23 05:00:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	159069	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	578075	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	252180	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	420146	20.000	ng	0.00
76) Chrysene-d12	13.945	240	316829	20.000	ng	0.00
86) Perylene-d12	15.410	264	289279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1030096	105.325	ng	0.01
7) Phenol-d6	6.404	99	1275244	102.544	ng	0.00
23) Nitrobenzene-d5	7.322	82	776433	72.972	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	206466	82.387	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1188934	71.131	ng	-0.01
79) Terphenyl-d14	12.880	244	955769	46.764	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.310	178	40718	2.049	ng	100
75) Fluoranthene	12.504	202	55817	2.696	ng	97
78) Pyrene	12.733	202	69600	2.307	ng	98
80) Butylbenzylphthalate	13.363	149	253615	23.880	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	218346	20.035	ng	99
88) Benzo(b)fluoranthene	14.986	252	33213m	2.121	ng	

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

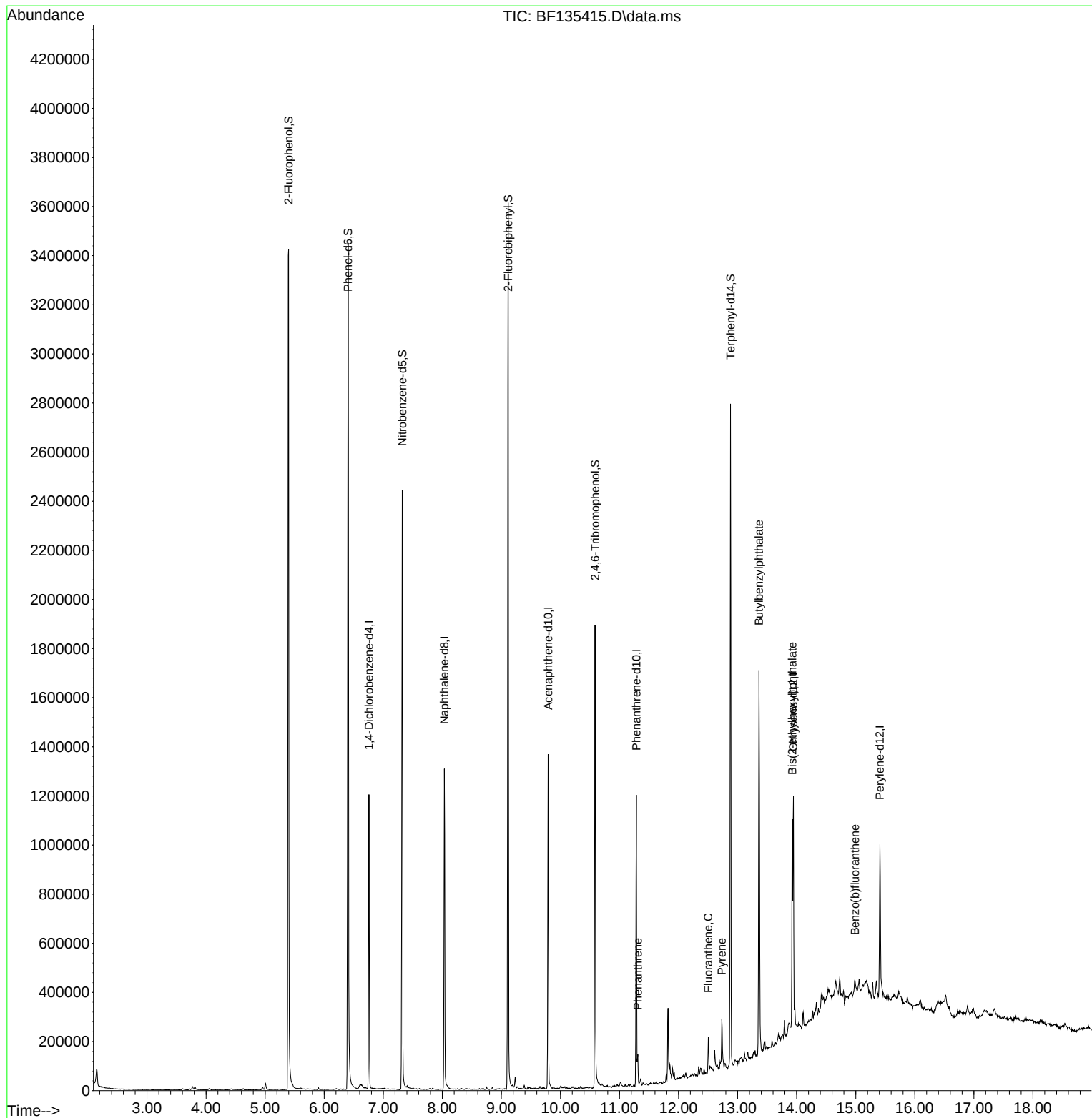
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135415.D
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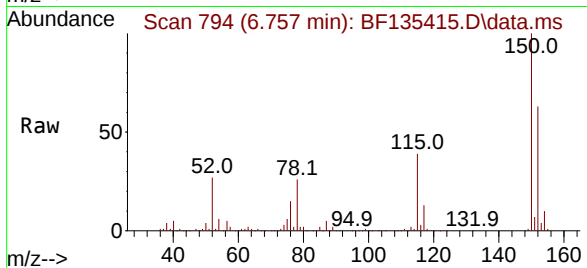
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

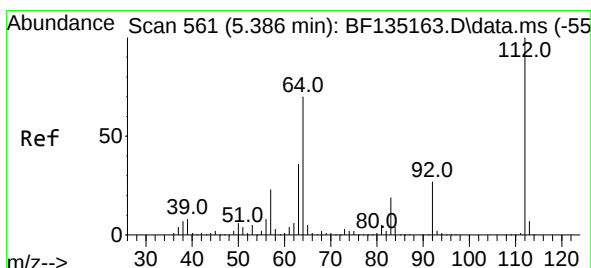
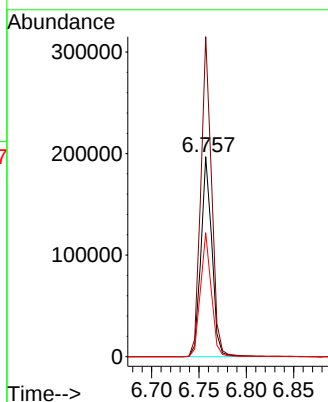
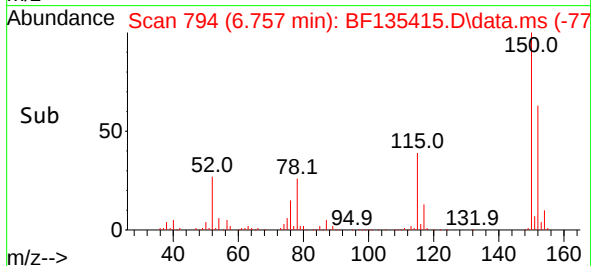
Instrument :
BNA_F
ClientSampleId :
CPT102-13



Tgt Ion:152 Resp: 159069
Ion Ratio Lower Upper
152 100
150 160.0 127.8 191.6
115 62.0 49.8 74.8

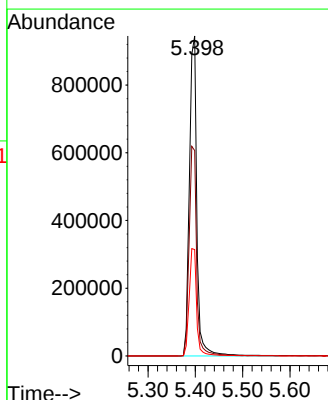
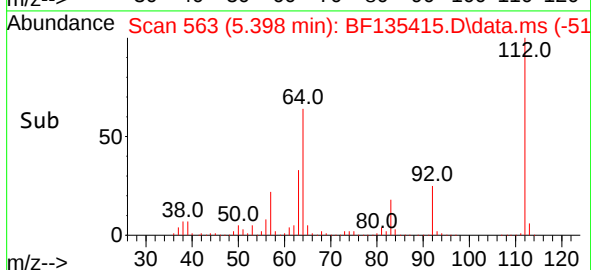
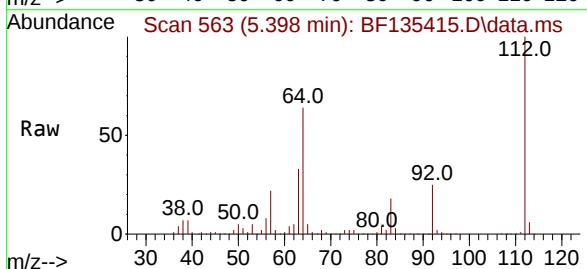
Manual Integrations
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#5
2-Fluorophenol
Concen: 105.325 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:112 Resp: 1030096
Ion Ratio Lower Upper
112 100
64 64.2 55.9 83.9
63 33.3 29.0 43.6





#7

Phenol-d6

Concen: 102.544 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

Tgt Ion: 99 Resp: 127524

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

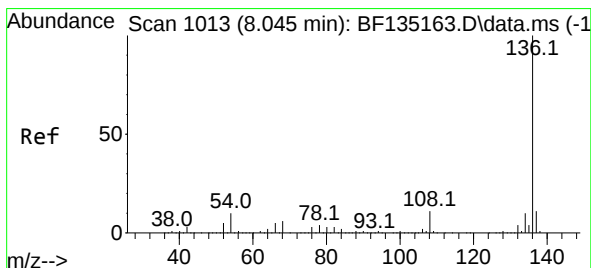
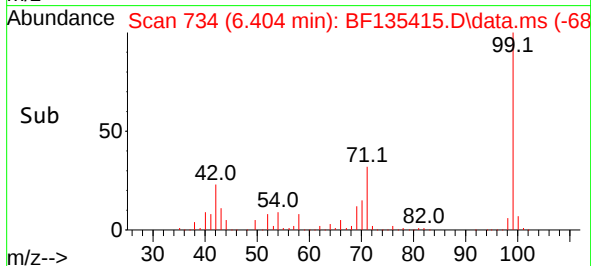
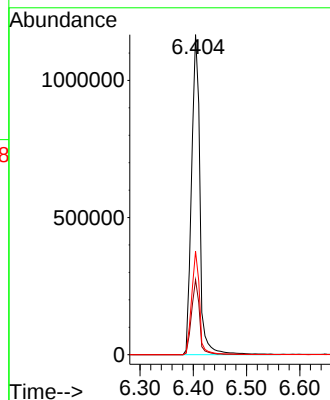
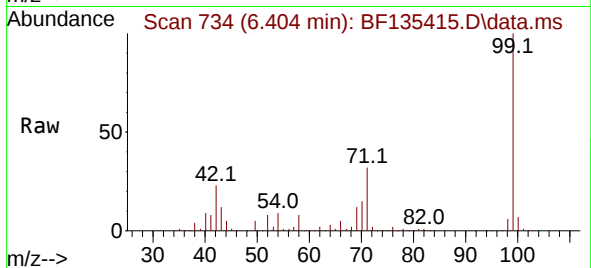
71 32.3 27.0 40.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Tgt Ion:136 Resp: 578075

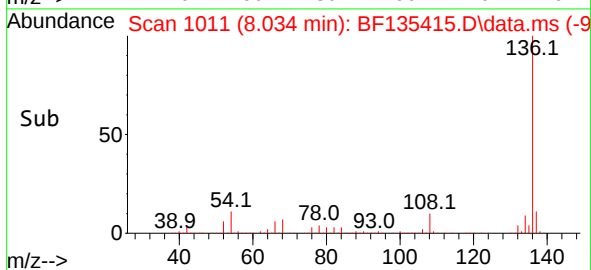
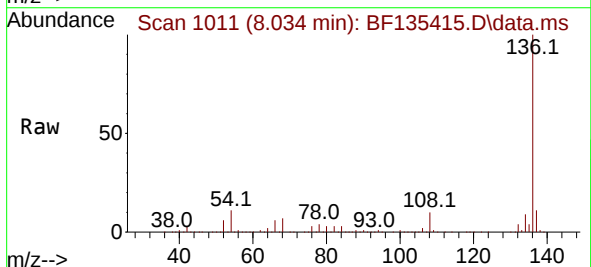
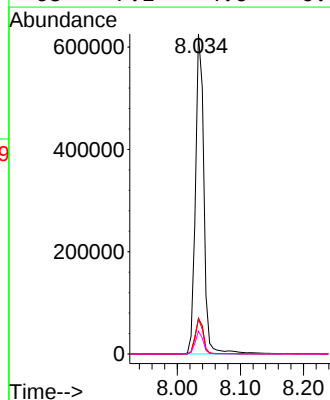
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.8 7.7 11.5

68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 72.972 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

Tgt Ion: 82 Resp: 77643

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

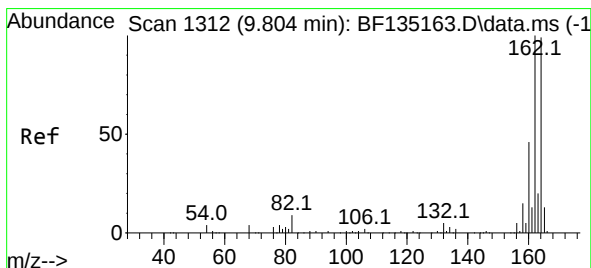
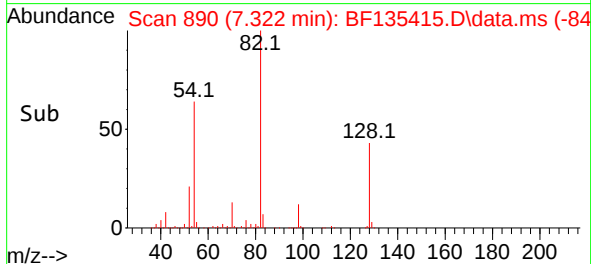
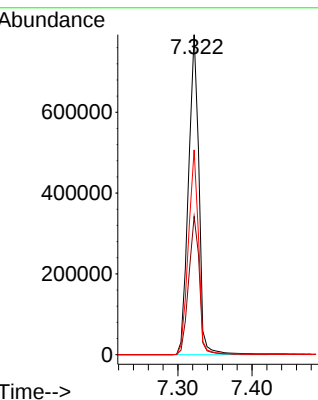
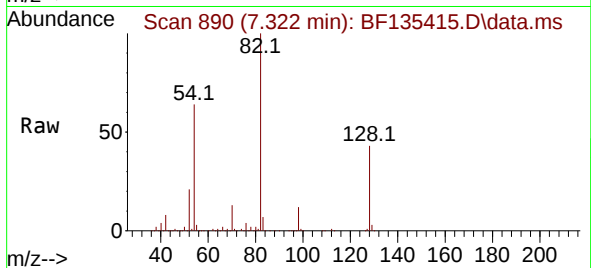
54 64.0 50.6 76.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

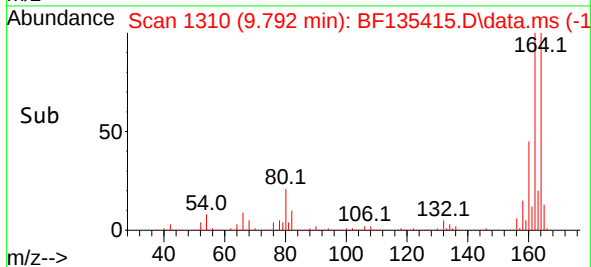
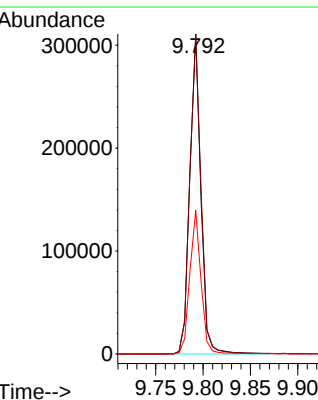
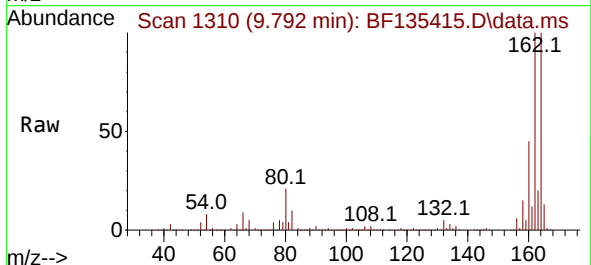
Tgt Ion:164 Resp: 252180

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

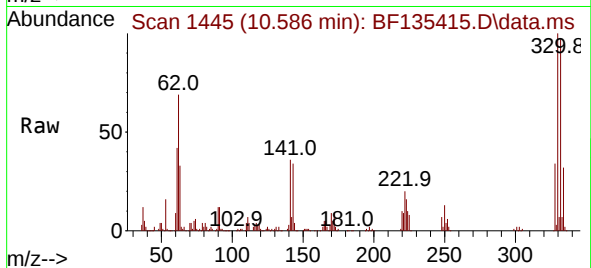
160 44.9 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 82.387 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

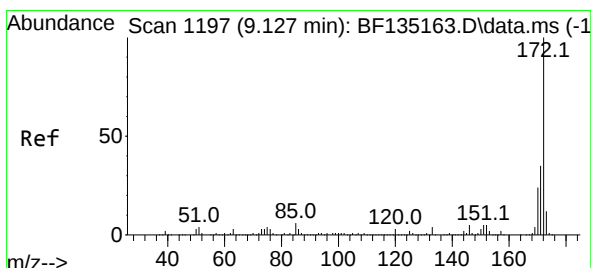
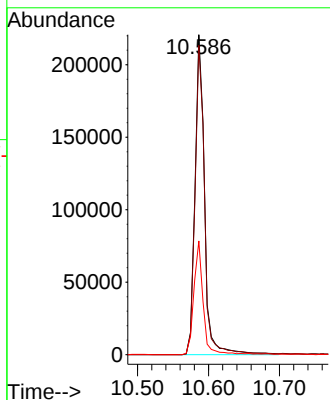
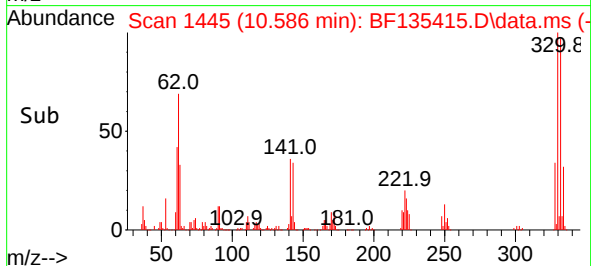
Instrument :
BNA_F
ClientSampleId :
CPT102-13



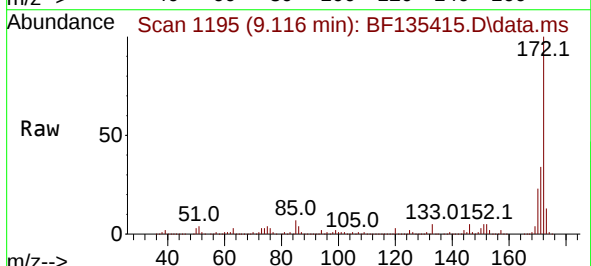
Tgt Ion: 330 Resp: 206460
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.8 25.8 38.8

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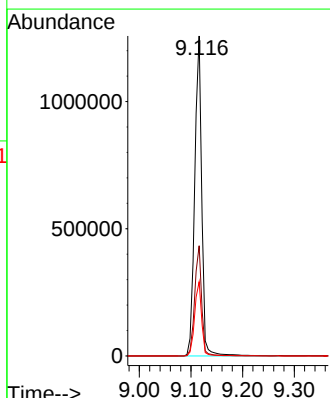
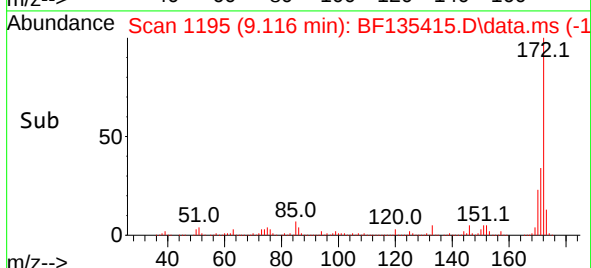
Reviewed By : Yogesh Patel 09/25/2023
Supervised By : mohammad ahmed 09/27/2023

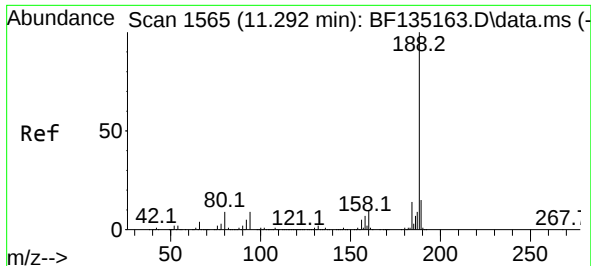


#45
2-Fluorobiphenyl
Concen: 71.131 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26



Tgt Ion: 172 Resp: 1188934
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 23.2 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

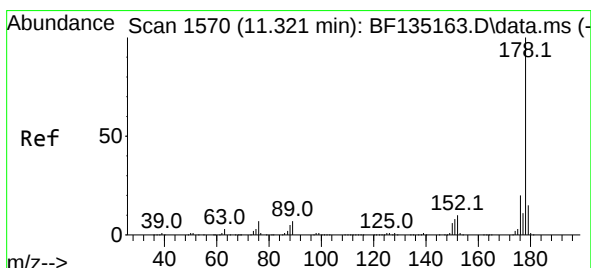
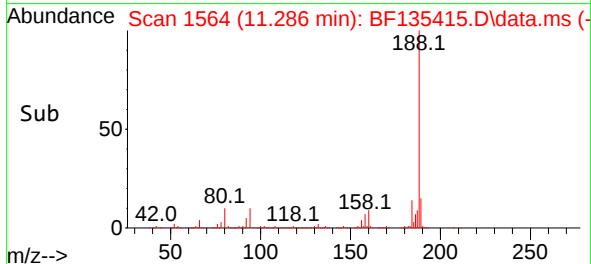
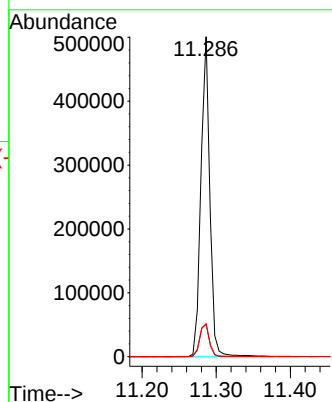
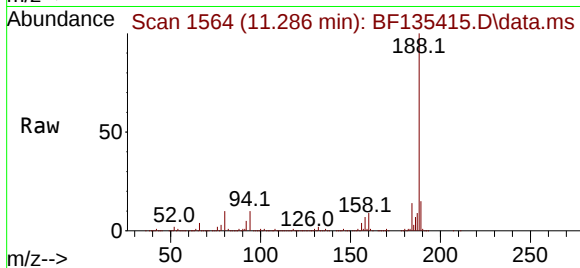
CPT102-13

Tgt Ion:188 Resp: 420140
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.3 7.5 11.3

Manual Integrations

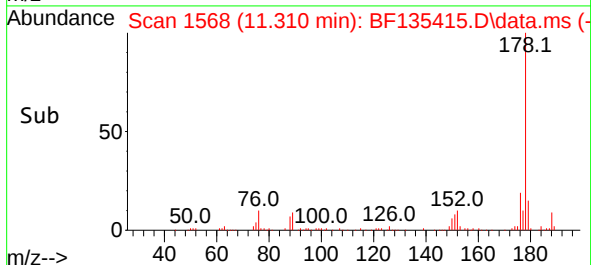
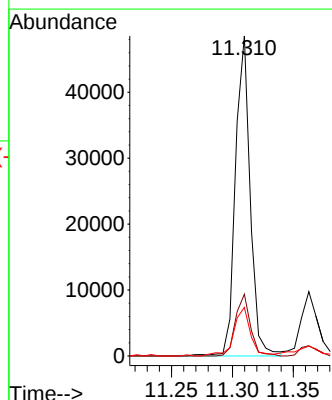
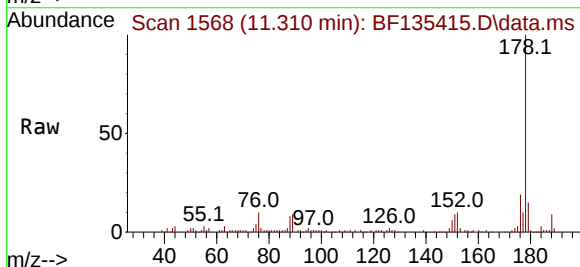
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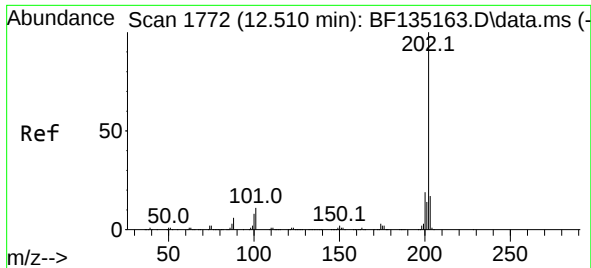
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#71
Phenanthrene
Concen: 2.049 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

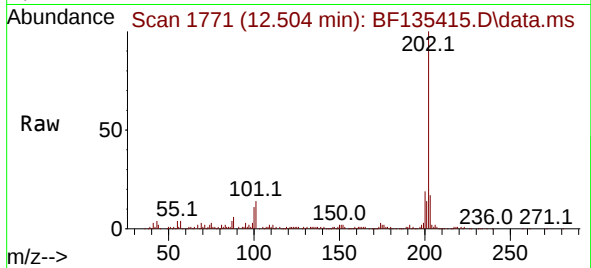
Tgt Ion:178 Resp: 40718
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.0 18.0





#75
Fluoranthene
Concen: 2.696 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

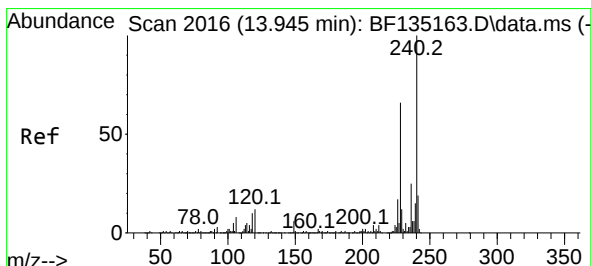
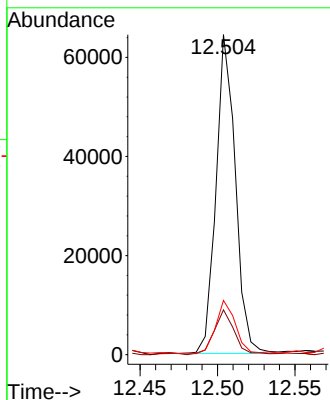
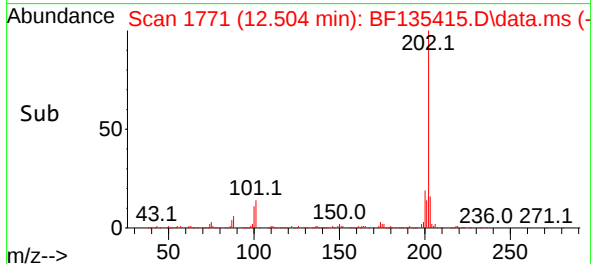
Instrument :
BNA_F
ClientSampleId :
CPT102-13



Tgt Ion:202 Resp: 5581
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.3
203 17.0 0.0 37.4

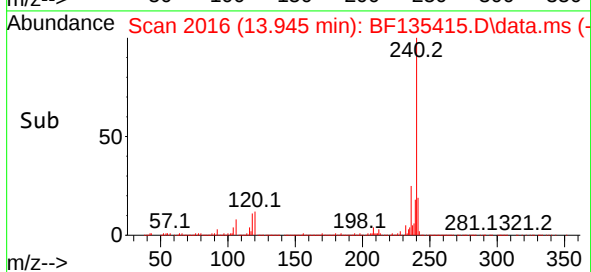
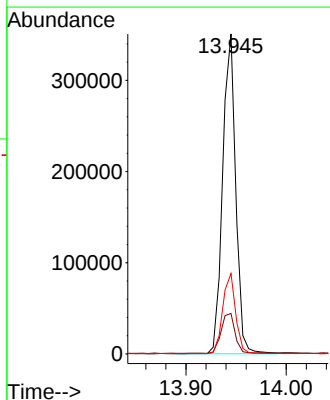
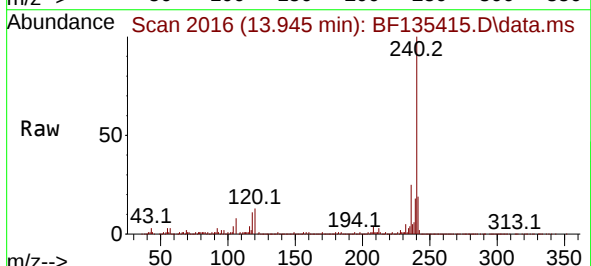
Manual Integrations
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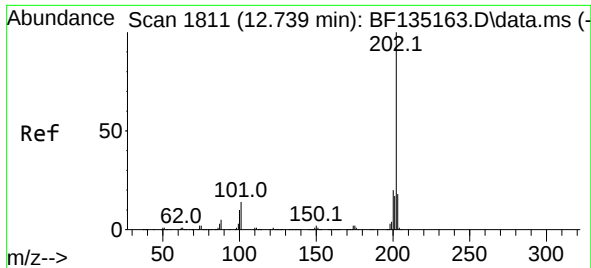
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

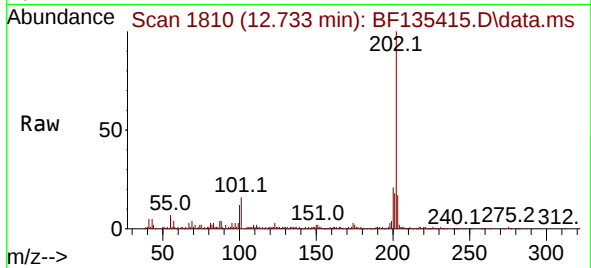
Tgt Ion:240 Resp: 316829
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 25.1 19.8 29.8





#78
 Pyrene
 Concen: 2.307 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: BF135415.D
 Acq: 22 Sep 2023 23:26

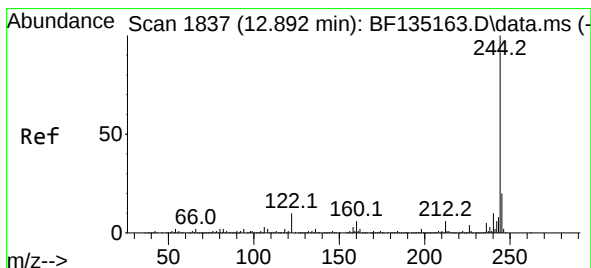
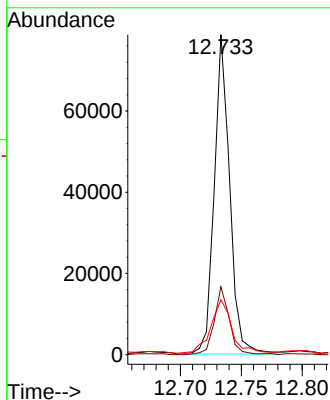
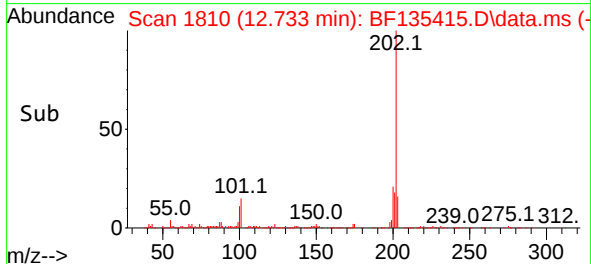
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 CPT102-13



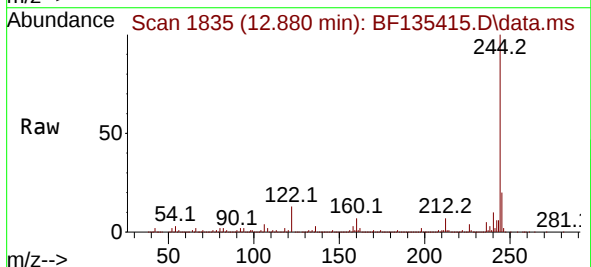
Tgt Ion:202 Resp: 69600
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.2 24.2
 203 17.1 14.2 21.4

Manual Integrations
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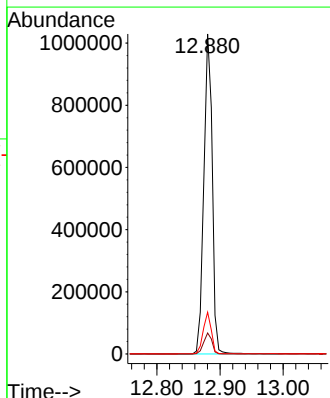
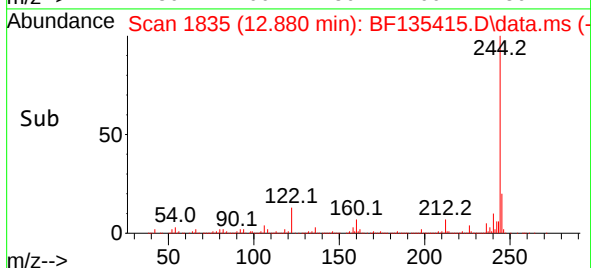
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

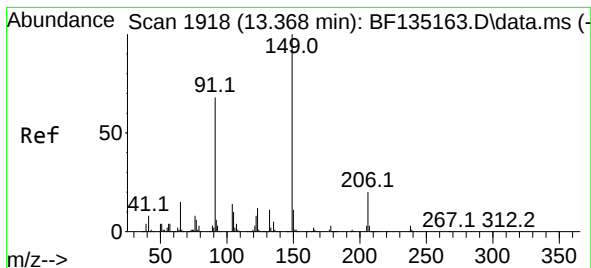


#79
 Terphenyl-d14
 Concen: 46.764 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135415.D
 Acq: 22 Sep 2023 23:26



Tgt Ion:244 Resp: 955769
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.0 7.9 11.9





#80

Butylbenzylphthalate

Concen: 23.880 ng

RT: 13.363 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

Tgt Ion:149 Resp: 253615

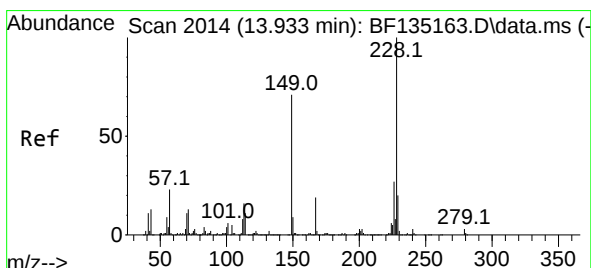
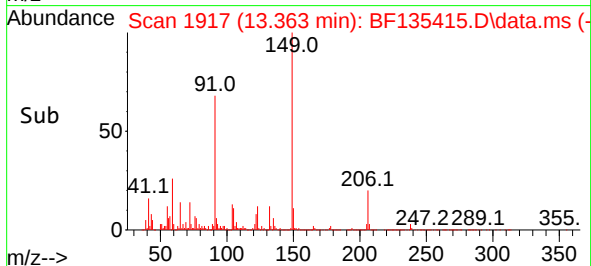
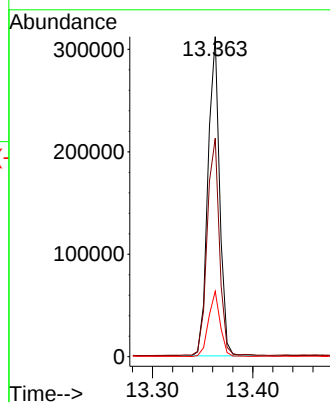
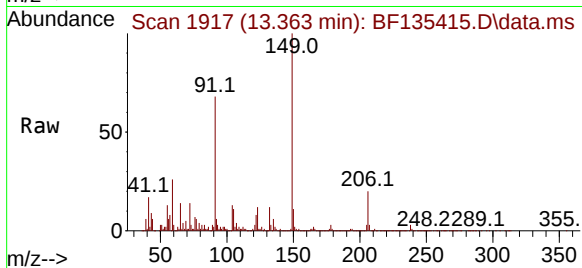
Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.7	82.1
206	20.4	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.035 ng

RT: 13.927 min Scan# 2013

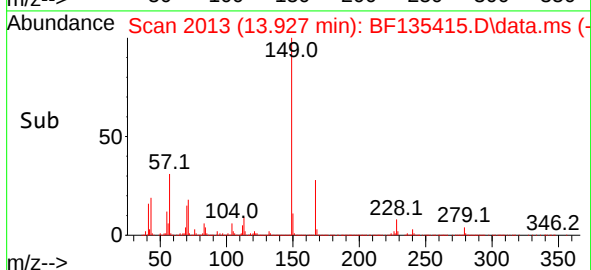
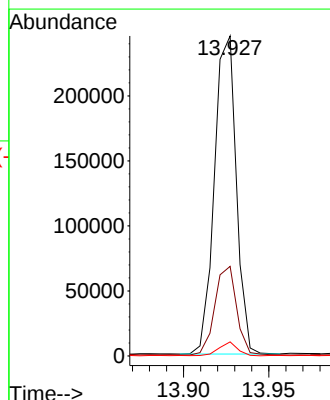
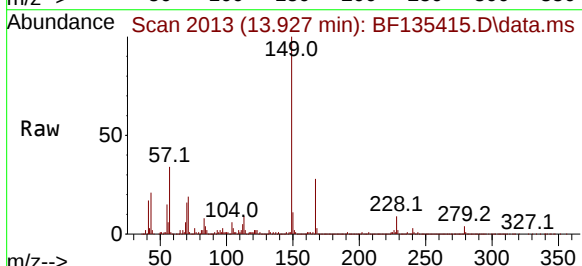
Delta R.T. -0.006 min

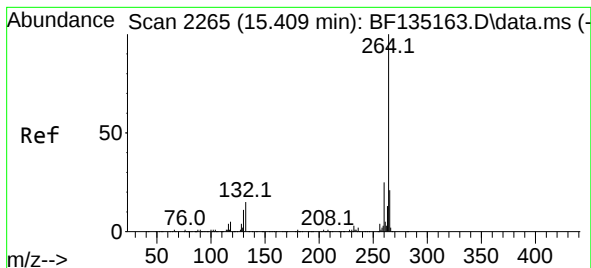
Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Tgt Ion:149 Resp: 218346

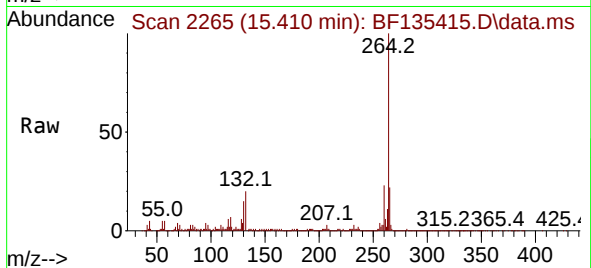
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.4	3.3	4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

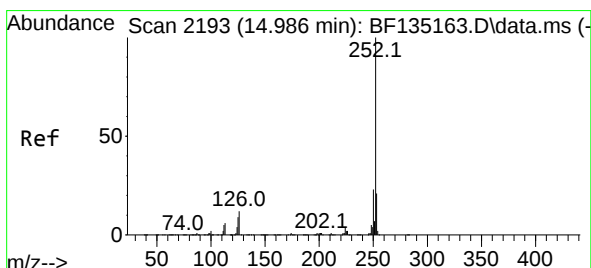
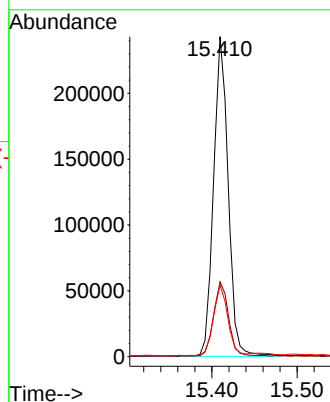
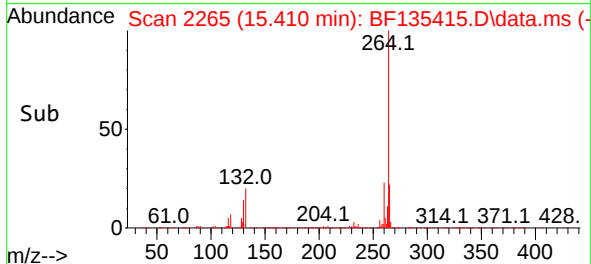
Instrument :
BNA_F
ClientSampleId :
CPT102-13



Tgt Ion:264 Resp: 289279
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.6
265 22.4 17.0 25.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#88
Benzo(b)fluoranthene
Concen: 2.121 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:252 Resp: 33213
Ion Ratio Lower Upper
252 100
253 26.6 17.2 25.8#
125 23.3 7.1 10.7#

