

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135386.D
 Acq On : 21 Sep 2023 18:13
 Operator : CG\JU
 Sample : 04499-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20001

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 21 19:27:10 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	112724	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	298533	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	61054	20.000	ng	0.04
64) Phenanthrene-d10	11.398	188	58307	20.000	ng	# 0.11
76) Chrysene-d12	14.027	240	82738	20.000	ng	# 0.08
86) Perylene-d12	15.468	264	129497	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	66461	9.589	ng	0.00
7) Phenol-d6	6.398	99	122730	13.926	ng	0.00
23) Nitrobenzene-d5	7.316	82	90810	16.526	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	15358	25.313	ng	0.06
45) 2-Fluorobiphenyl	9.134	172	150247	37.128	ng	0.00
79) Terphenyl-d14	12.986	244	64264	12.041	ng	0.09
Target Compounds						Qvalue
30) 1,2,4-Trichlorobenzene	7.981	180	73918	17.419	ng	99
31) Naphthalene	8.063	128	34129	2.353	ng	# 77
37) 2-Methylnaphthalene	8.763	142	150136	15.398	ng	100
38) 1-Methylnaphthalene	8.863	142	86698	9.498	ng	89
71) Phenanthrene	11.422	178	107852	39.110	ng	# 9
88) Benzo(b)fluoranthene	15.045	252	22654m	3.232	ng	

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

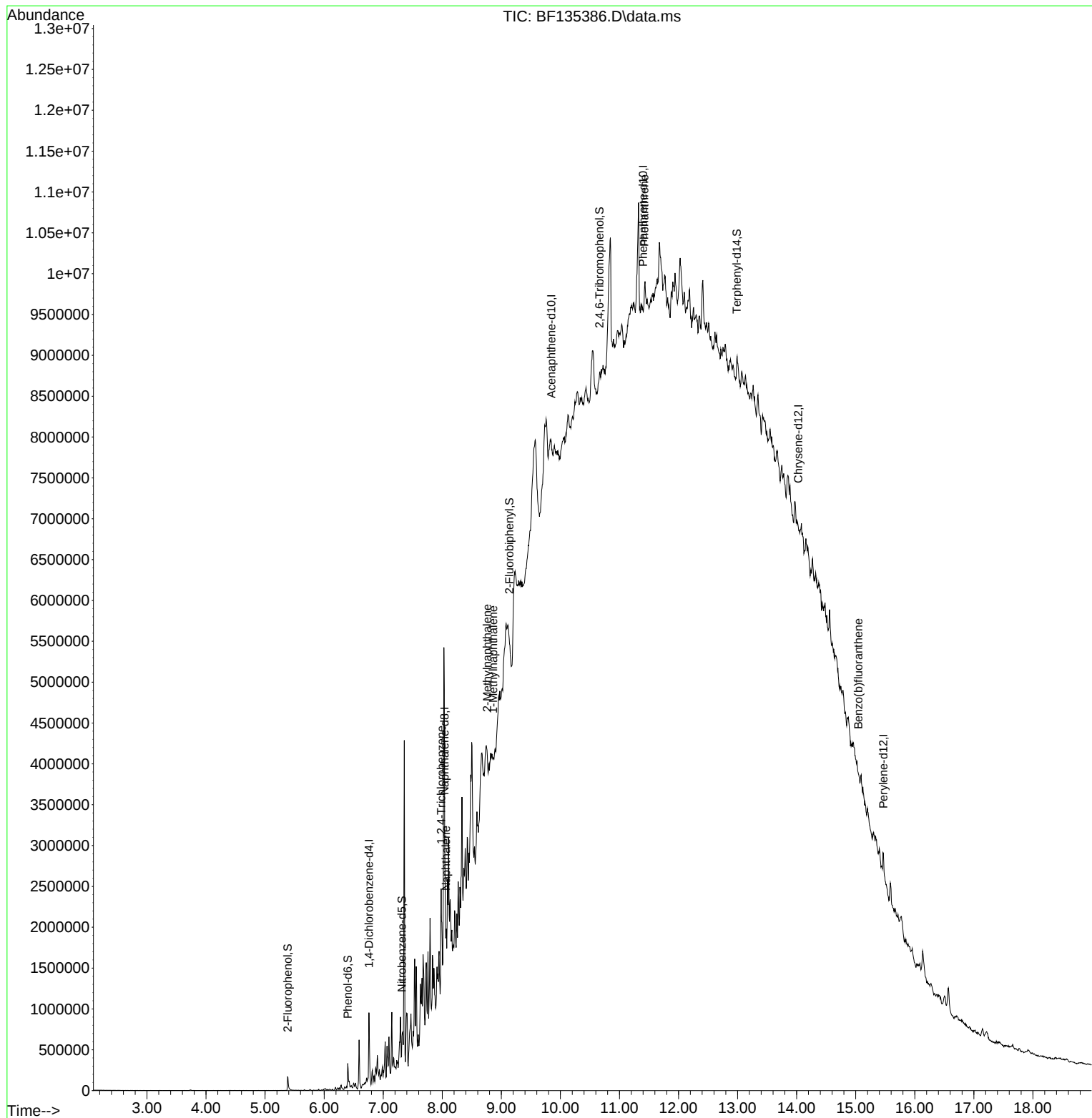
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135386.D
Acq On : 21 Sep 2023 18:13
Operator : CG\JU
Sample : 04499-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20001

Quant Time: Sep 21 19:27:10 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

Manual Integrations
APPROVED

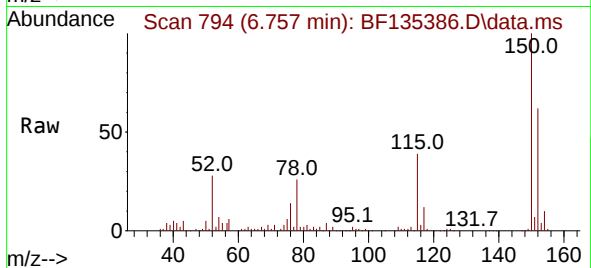
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

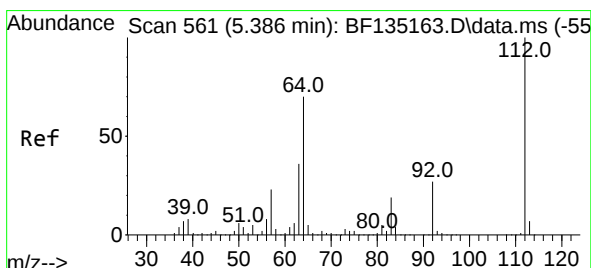
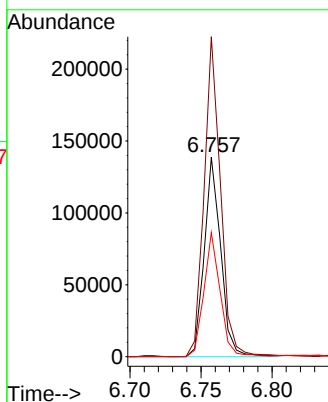
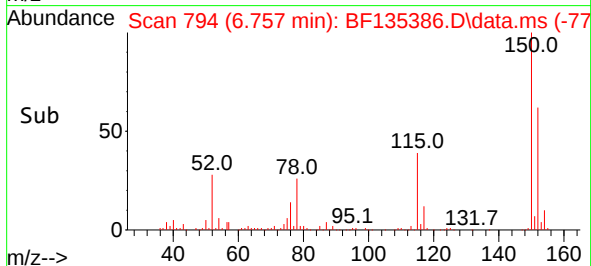
Instrument :
BNA_F
ClientSampleId :
CHRT-20001



Tgt Ion:152 Resp: 112724
Ion Ratio Lower Upper
152 100
150 160.4 127.8 191.6
115 62.2 49.8 74.8

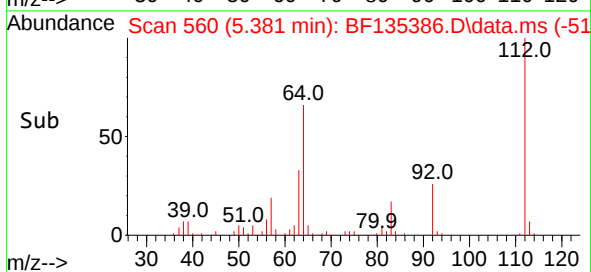
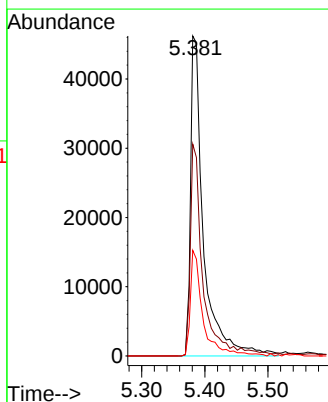
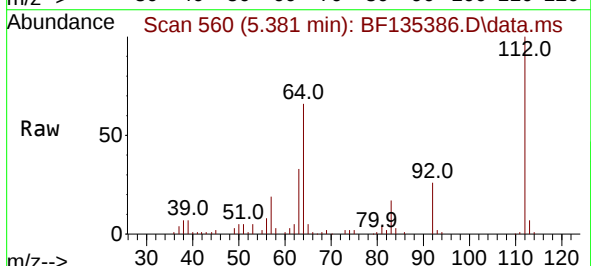
Manual Integrations
APPROVED

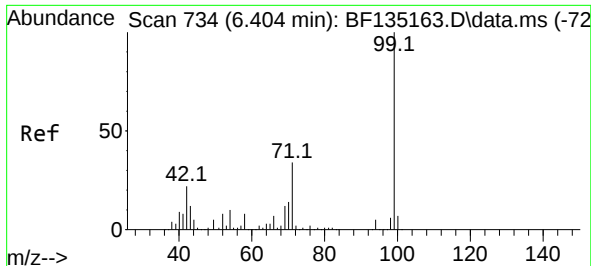
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#5
2-Fluorophenol
Concen: 9.589 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

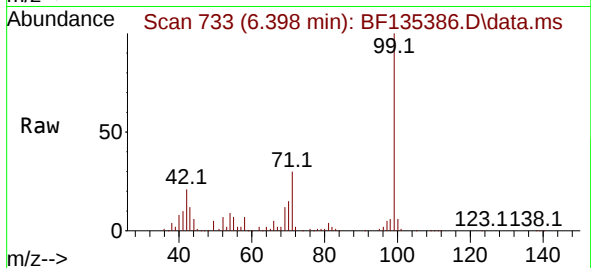
Tgt Ion:112 Resp: 66461
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 33.0 29.0 43.6





#7
Phenol-d6
Concen: 13.926 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

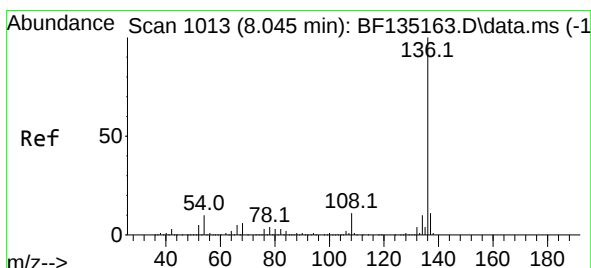
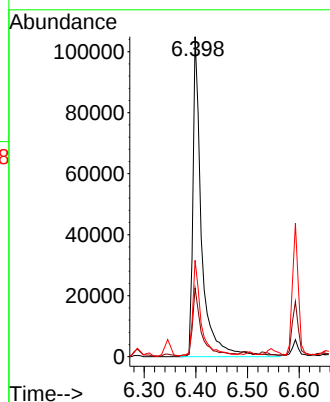
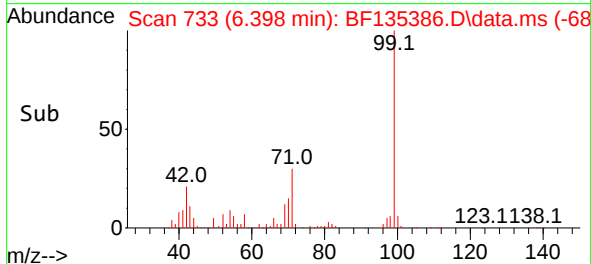
Instrument :
BNA_F
ClientSampleId :
CHRT-20001



Tgt Ion: 99 Resp: 122730
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 30.1 27.0 40.6

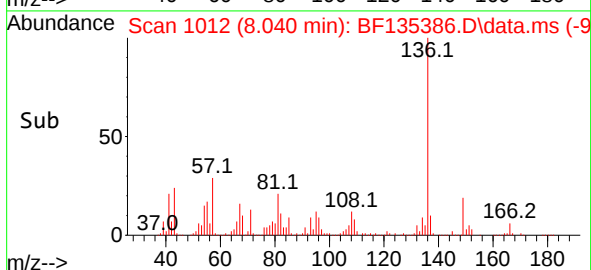
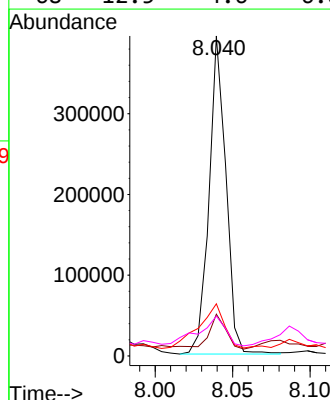
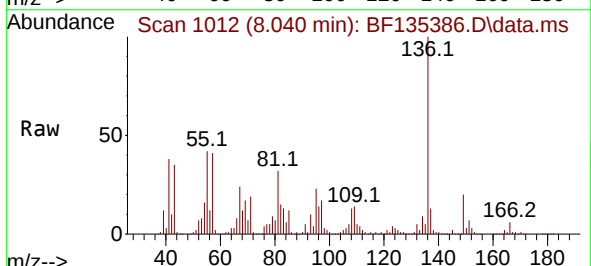
Manual Integrations
APPROVED

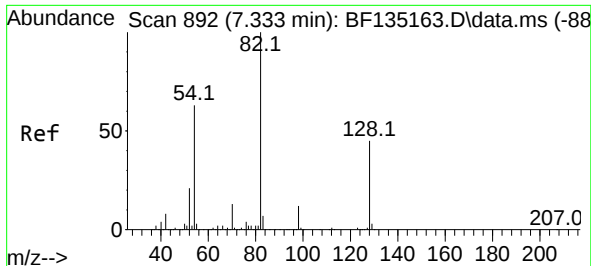
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:136 Resp: 298533
Ion Ratio Lower Upper
136 100
137 13.1 8.8 13.2
54 16.3 7.7 11.5#
68 12.5 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 16.526 ng

RT: 7.316 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

Tgt Ion: 82 Resp: 90810

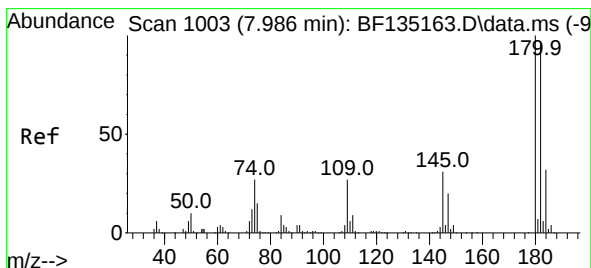
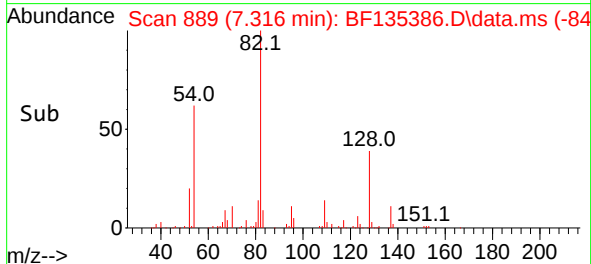
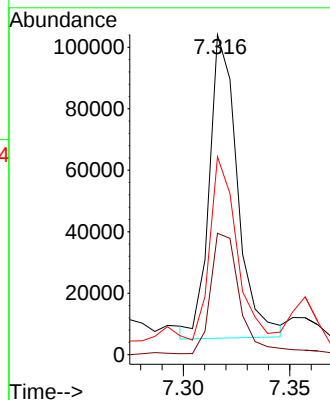
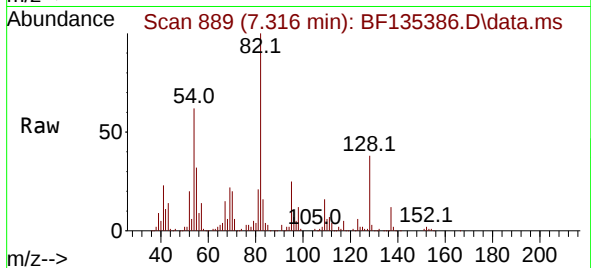
Ion	Ratio	Lower	Upper
82	100		
128	37.9	35.8	53.6
54	61.9	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 17.419 ng

RT: 7.981 min Scan# 1002

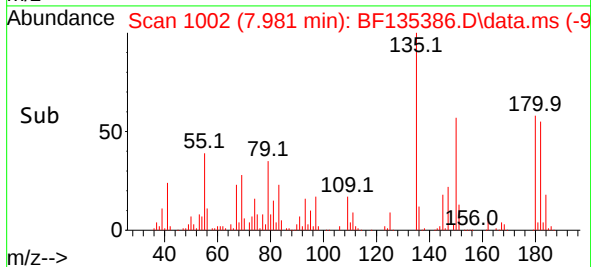
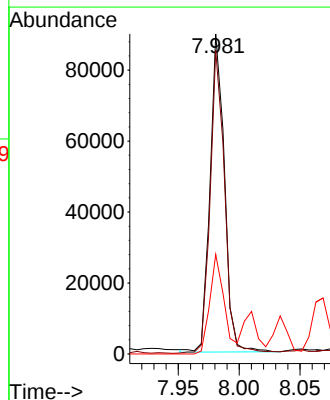
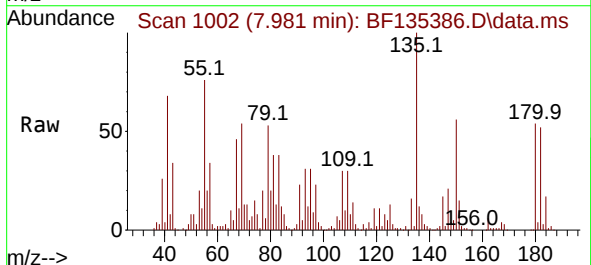
Delta R.T. -0.006 min

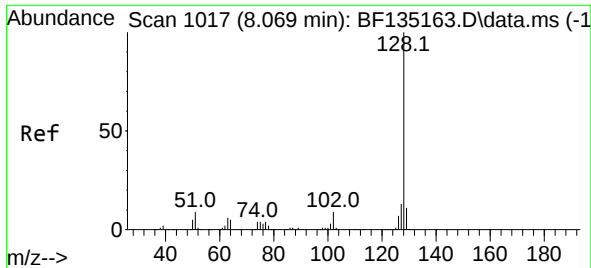
Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Tgt Ion:180 Resp: 73918

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.9	115.3
145	31.1	24.5	36.7





#31
Naphthalene
Concen: 2.353 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

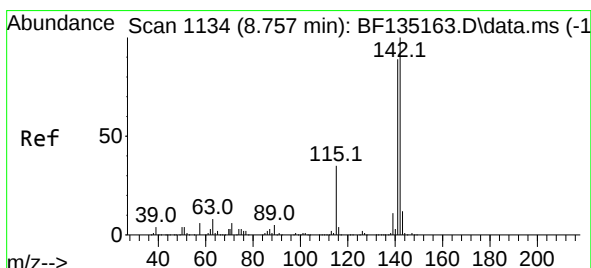
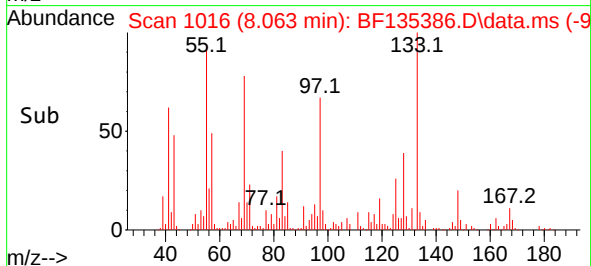
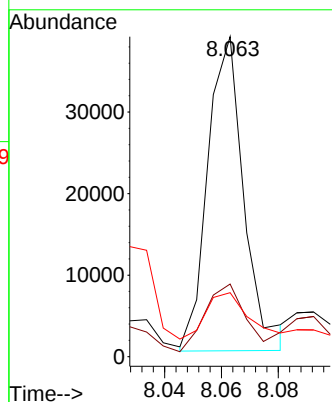
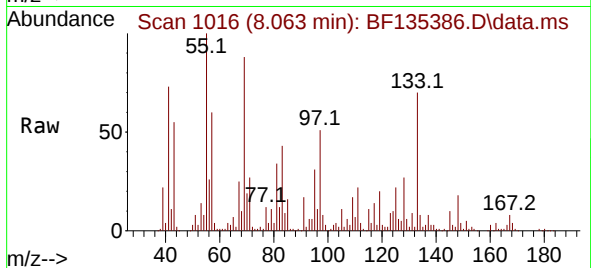
CHRT-20001

Tgt Ion:128 Resp: 34129
Ion Ratio Lower Upper
128 100
129 22.7 8.7 13.1
127 20.0 10.7 16.1

Manual Integrations

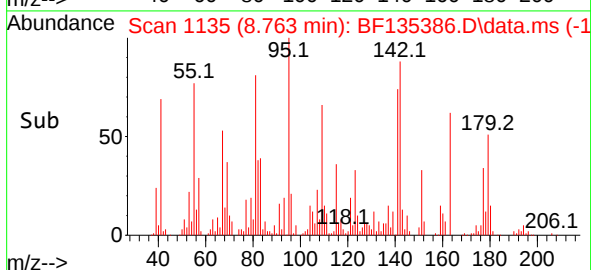
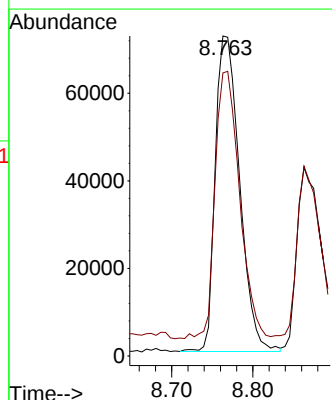
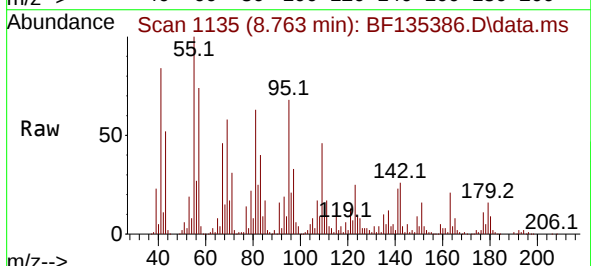
APPROVED

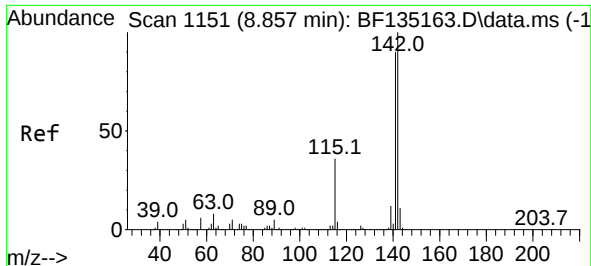
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#37
2-Methylnaphthalene
Concen: 15.398 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:142 Resp: 150136
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6





#38
1-Methylnaphthalene
Concen: 9.498 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

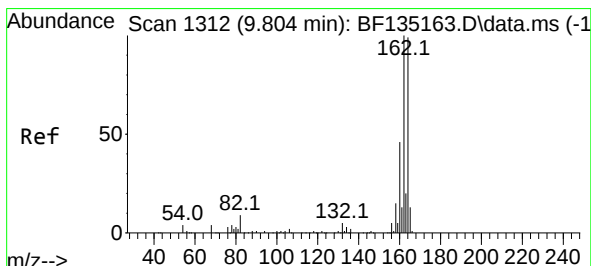
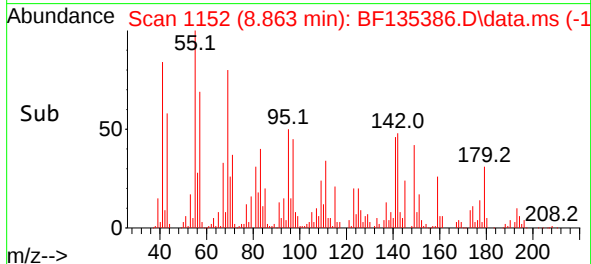
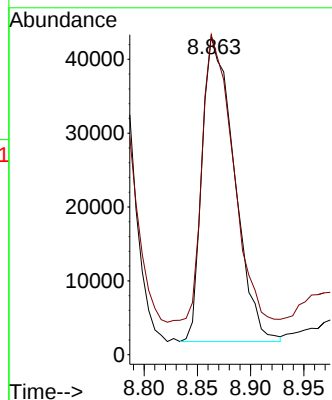
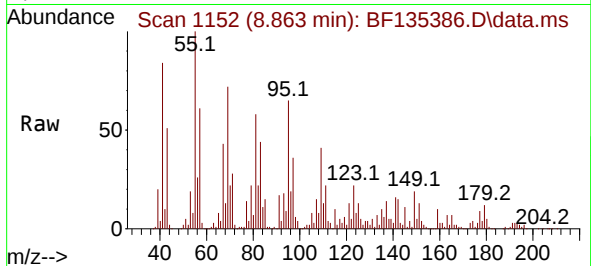
CHRT-20001

Tgt Ion:142 Resp: 86698
Ion Ratio Lower Upper
142 100
141 100.7 72.4 108.6

Manual Integrations

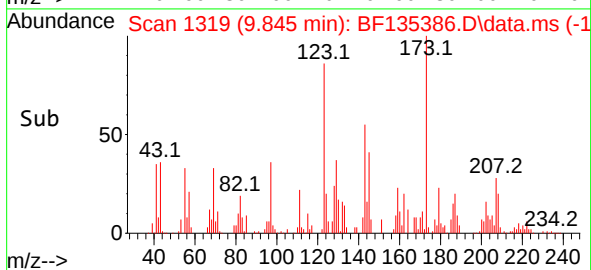
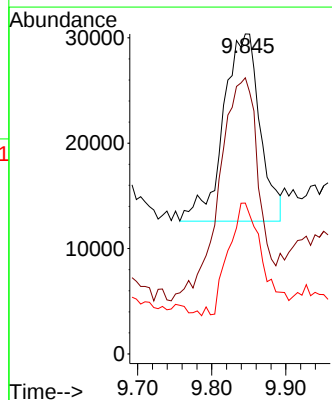
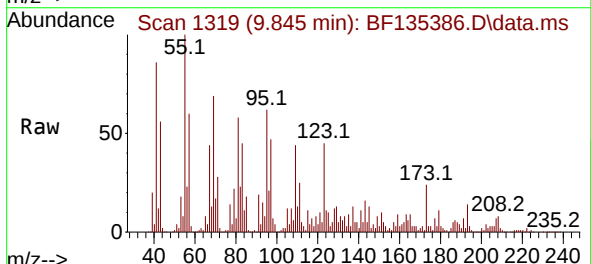
APPROVED

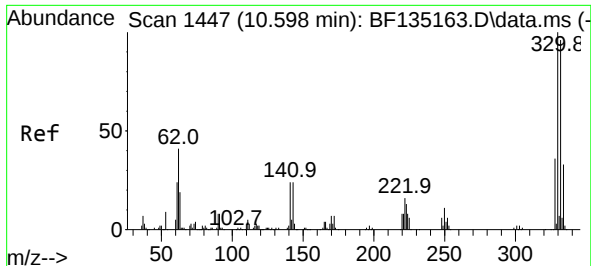
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.041 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:164 Resp: 61054
Ion Ratio Lower Upper
164 100
162 86.3 81.0 121.4
160 47.1 37.0 55.4





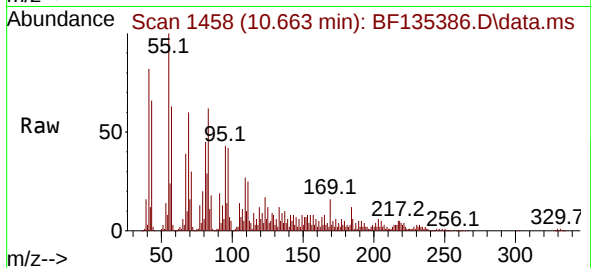
#42
2,4,6-Tribromophenol
Concen: 25.313 ng
RT: 10.663 min Scan# 1447
Delta R.T. 0.065 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001



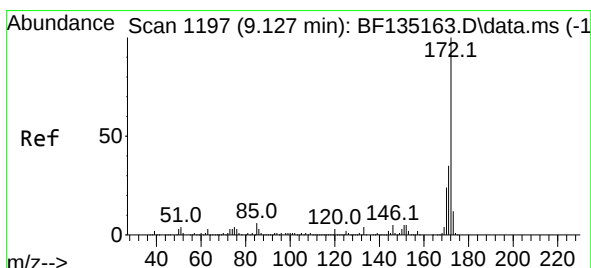
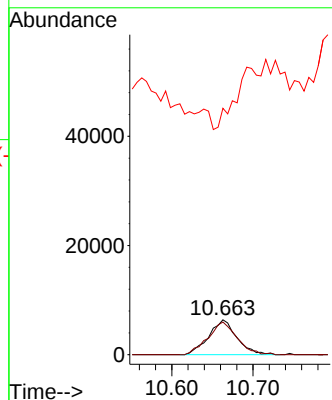
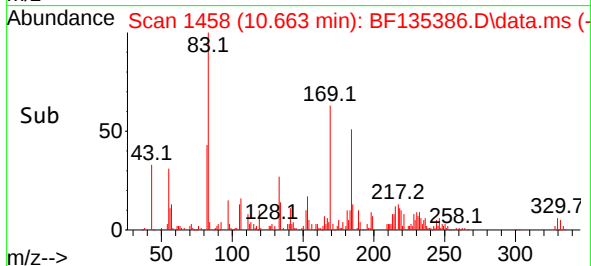
Tgt Ion: 330 Resp: 1535
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 0.0 25.8 38.8

Manual Integrations

APPROVED

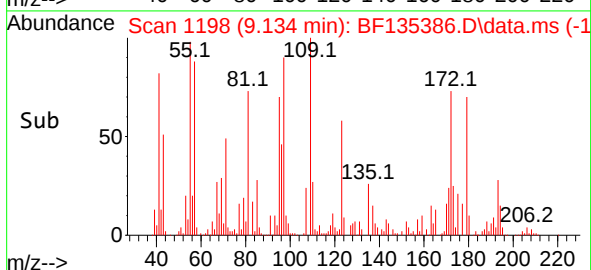
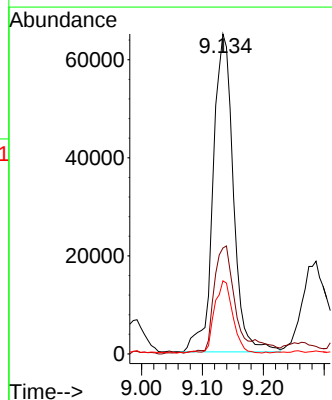
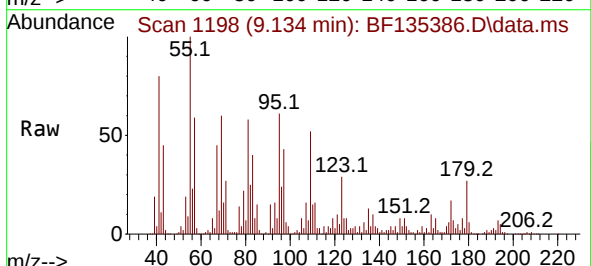
Reviewed By :Yogesh Patel 09/22/2023

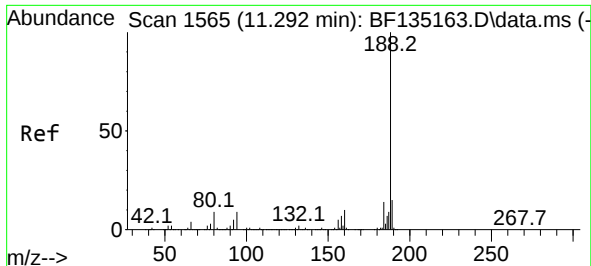
Supervised By :mohammad ahmed 09/27/2023



#45
2-Fluorobiphenyl
Concen: 37.128 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion: 172 Resp: 150247
Ion Ratio Lower Upper
172 100
171 33.1 28.4 42.6
170 22.8 19.0 28.4





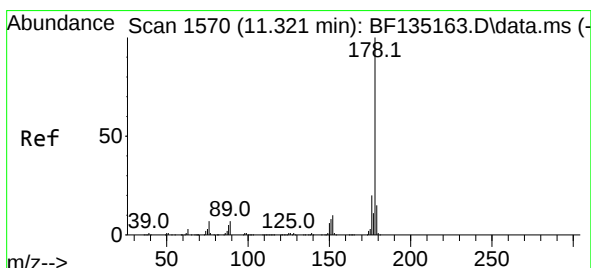
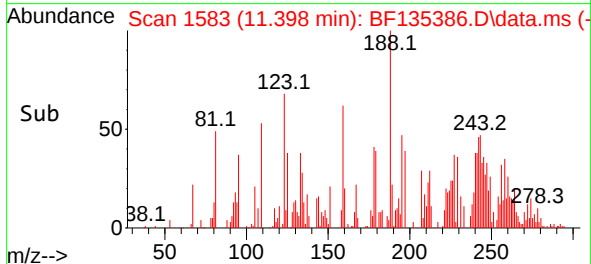
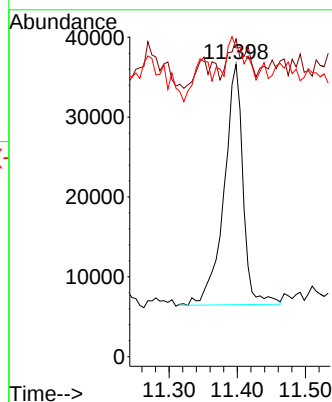
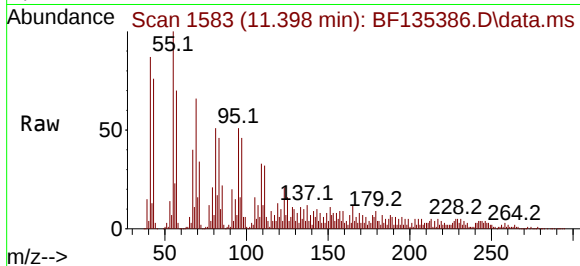
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.106 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Instrument :
BNA_F
ClientSampleId :
CHRT-20001

Tgt Ion:188 Resp: 58307
Ion Ratio Lower Upper
188 100
94 108.6 7.0 10.6#
80 105.5 7.5 11.3#

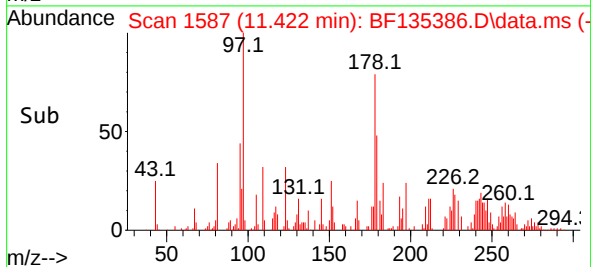
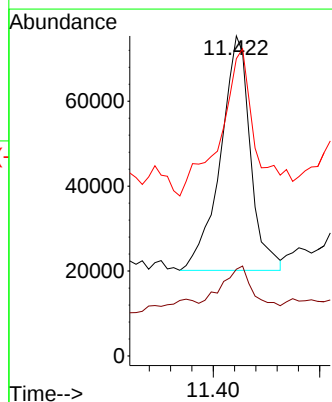
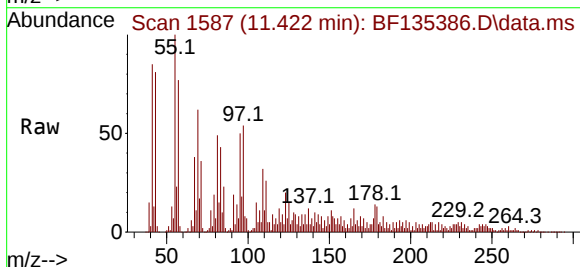
Manual Integrations
APPROVED

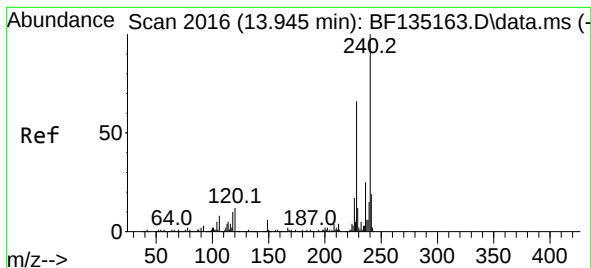
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#71
Phenanthrene
Concen: 39.110 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.100 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:178 Resp: 107852
Ion Ratio Lower Upper
178 100
176 27.1 15.6 23.4#
179 92.9 12.0 18.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2016

Delta R.T. 0.083 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

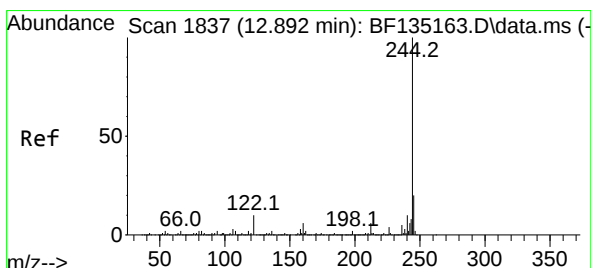
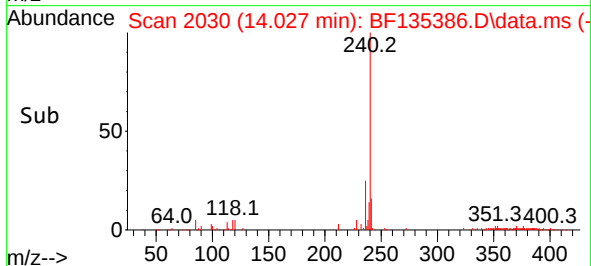
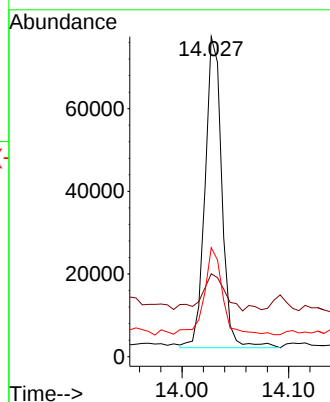
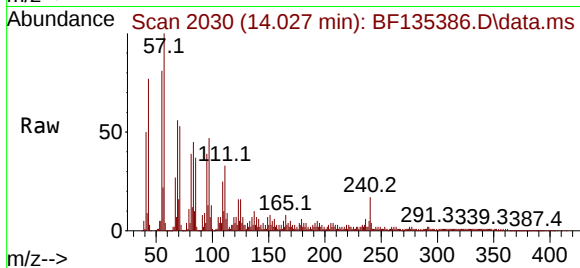
Tgt Ion:	240	Resp:	82738
Ion Ratio	Lower	Upper	
240	100		
120	25.9	9.4	14.2
236	34.0	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/27/2023



#79

Terphenyl-d14

Concen: 12.041 ng

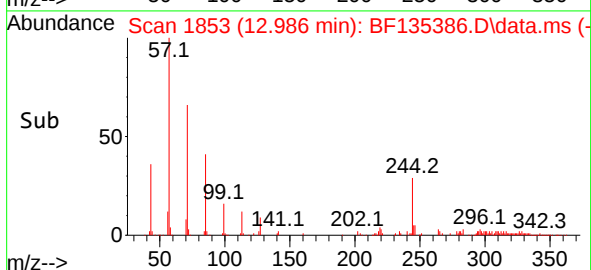
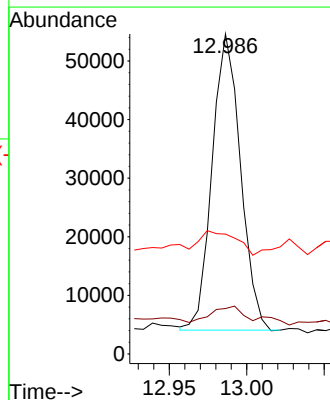
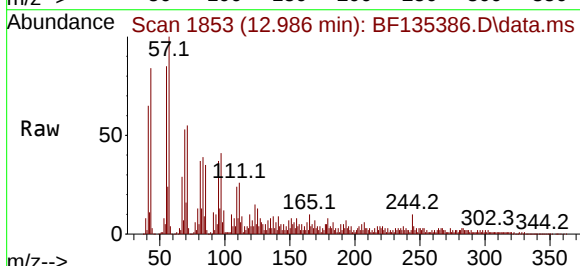
RT: 12.986 min Scan# 1853

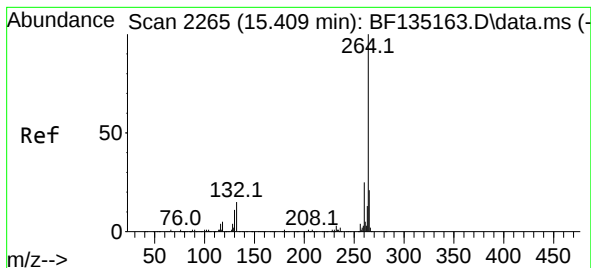
Delta R.T. 0.094 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

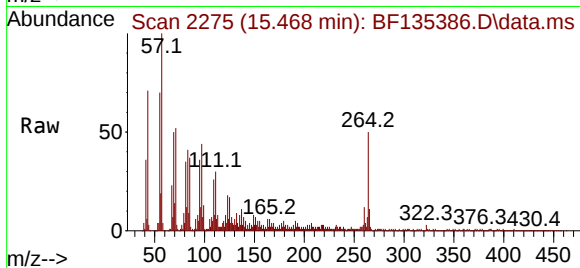
Tgt Ion:	244	Resp:	64264
Ion Ratio	Lower	Upper	
244	100		
212	14.2	5.1	7.7#
122	37.5	7.9	11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

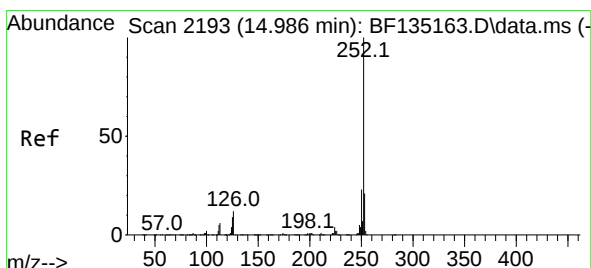
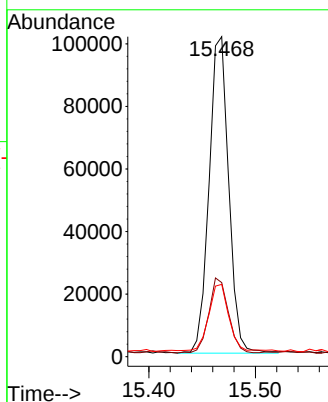
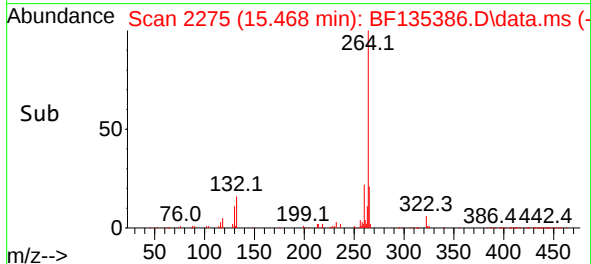
Instrument :
BNA_F
ClientSampleId :
CHRT-20001



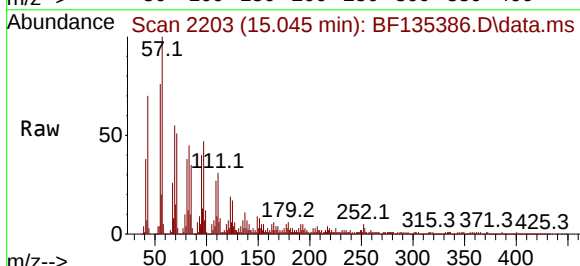
Tgt Ion:264 Resp: 12949
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 22.6 17.0 25.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#88
Benzo(b)fluoranthene
Concen: 3.232 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.059 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13



Tgt Ion:252 Resp: 22654
Ion Ratio Lower Upper
252 100
253 59.4 17.2 25.8#
125 314.0 7.1 10.7#

