

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135740.D
 Acq On : 12 Oct 2023 18:02
 Operator : CG\JU
 Sample : 04813-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 50126-50127-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 13 00:57:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	83868	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	280944	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	120323	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	217113	20.000	ng	0.00
76) Chrysene-d12	13.986	240	54964	20.000	ng	# 0.05
86) Perylene-d12	15.492	264	59999	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	366958	71.164	ng	0.00
7) Phenol-d6	6.393	99	490913	74.871	ng	0.00
23) Nitrobenzene-d5	7.304	82	278939	53.942	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	93447	78.151	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	450973	56.547	ng	0.00
79) Terphenyl-d14	12.886	244	278158	78.451	ng	0.02
Target Compounds						Qvalue
10) Phenol	6.404	94	26139	3.636	ng	81
71) Phenanthrene	11.298	178	58282	5.676	ng	98
74) Di-n-butylphthalate	11.839	149	129883	11.472	ng	97
75) Fluoranthene	12.504	202	97815	9.142	ng	93
78) Pyrene	12.739	202	68234	13.039	ng	# 91
81) Benzo(a)anthracene	13.974	228	20072	5.655	ng	# 76
83) Chrysene	14.010	228	20449	5.795	ng	# 84
84) Bis(2-ethylhexyl)phtha...	13.951	149	249380	131.900	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.045	276	15207	3.866	ng	# 90
88) Benzo(b)fluoranthene	15.051	252	27027m	8.321	ng	
89) Benzo(k)fluoranthene	15.074	252	8050m	2.509	ng	
90) Benzo(a)pyrene	15.433	252	16694	5.390	ng	# 1
92) Benzo(g,h,i)perylene	17.509	276	14806m	4.404	ng	

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

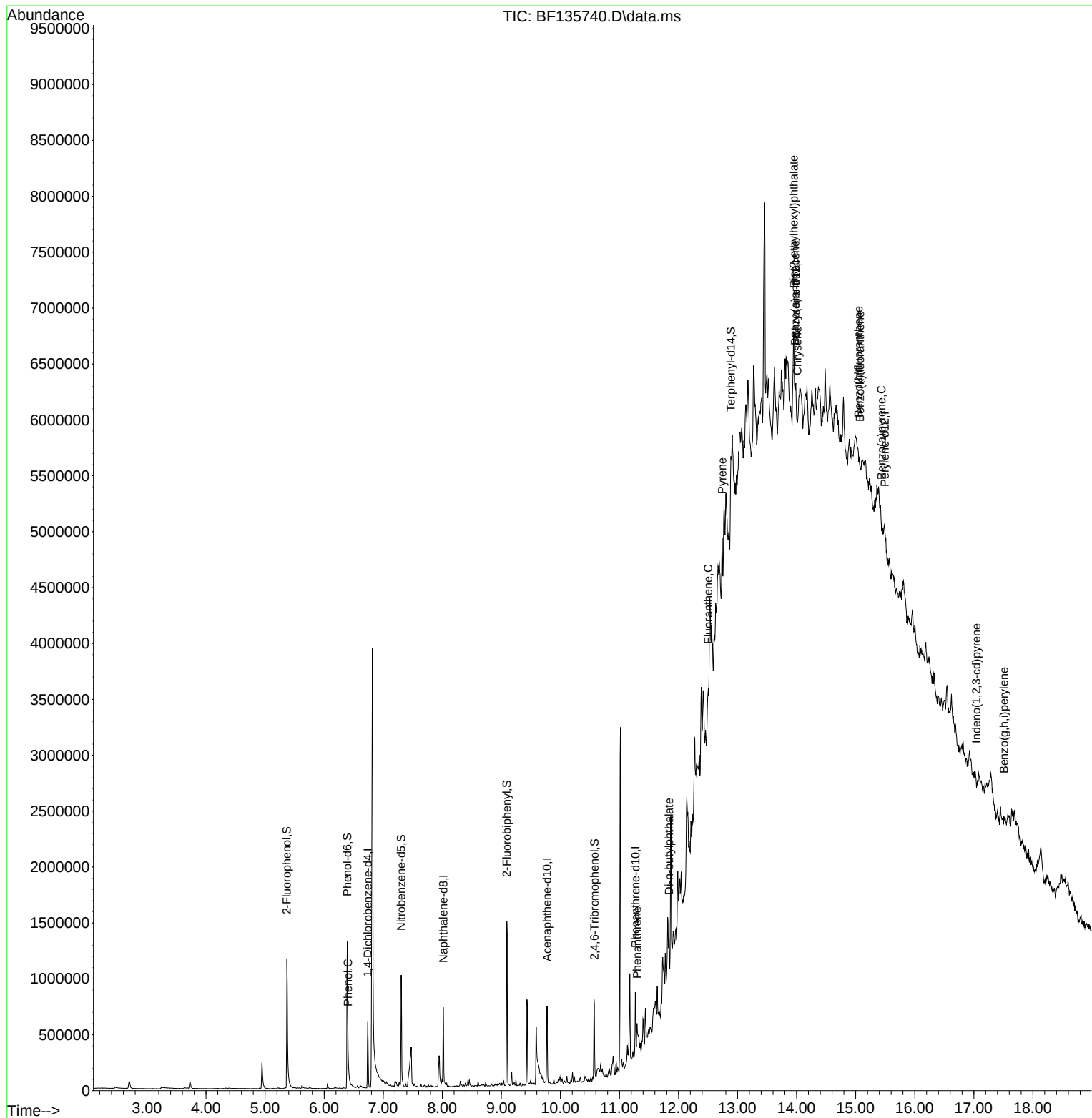
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135740.D
Acq On : 12 Oct 2023 18:02
Operator : CG\JU
Sample : 04813-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP

Quant Time: Oct 13 00:57:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

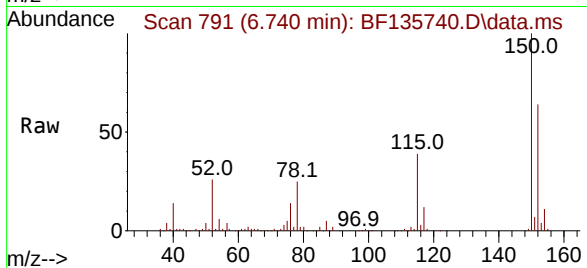
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

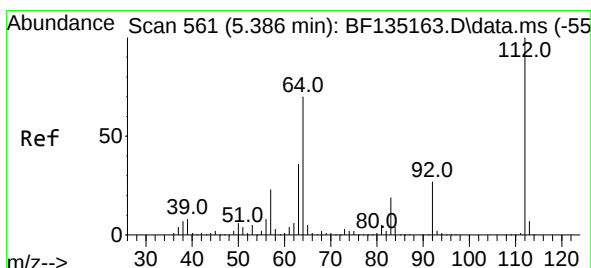
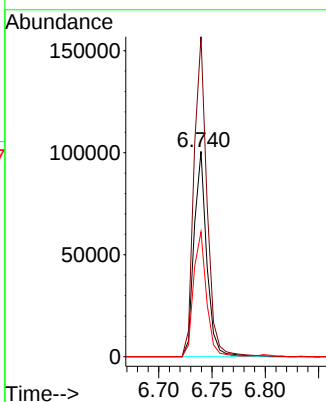
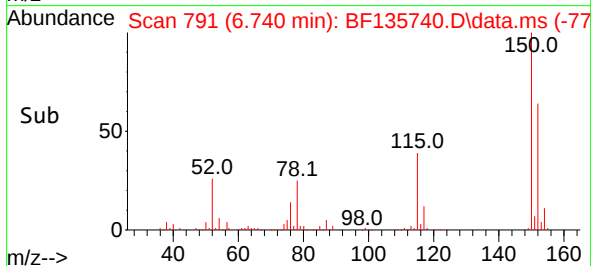
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



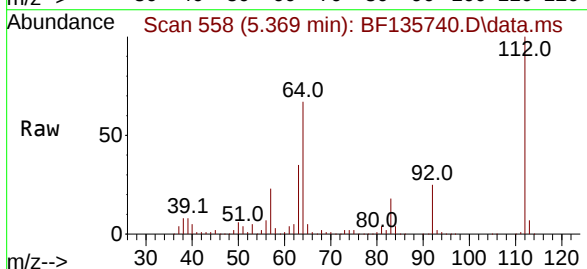
Tgt Ion:152 Resp: 8386
Ion Ratio Lower Upper
152 100
150 155.9 127.8 191.6
115 60.9 49.8 74.8

Manual Integrations
APPROVED

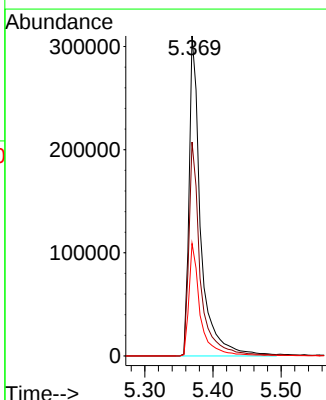
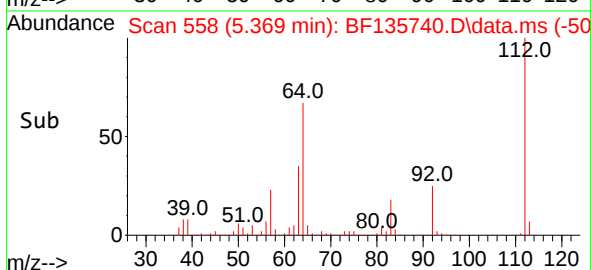
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

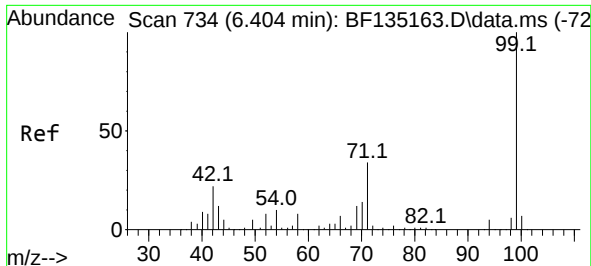


#5
2-Fluorophenol
Concen: 71.164 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02



Tgt Ion:112 Resp: 366958
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 74.871 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135740.D

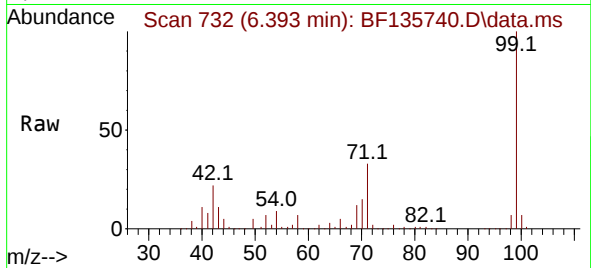
Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP



Tgt Ion: 99 Resp: 49091

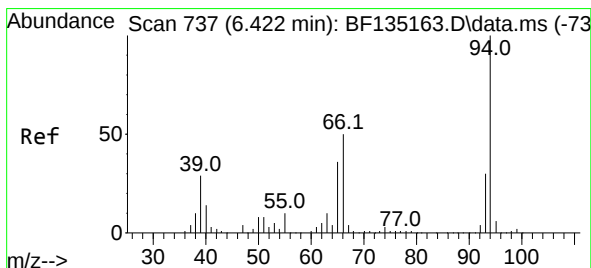
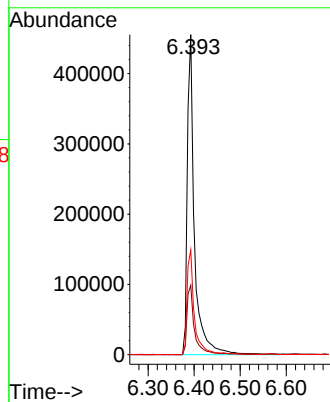
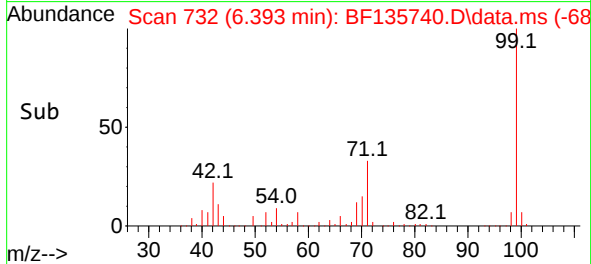
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.9	26.9
71	32.7	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#10

Phenol

Concen: 3.636 ng

RT: 6.404 min Scan# 734

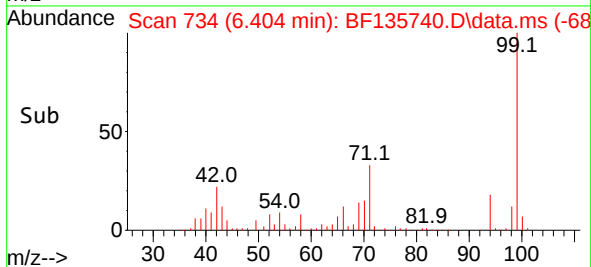
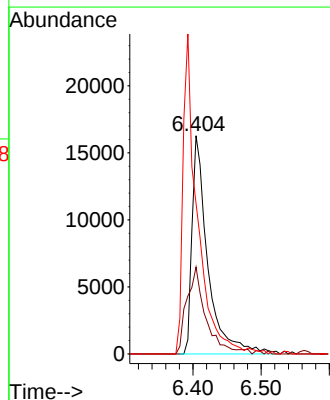
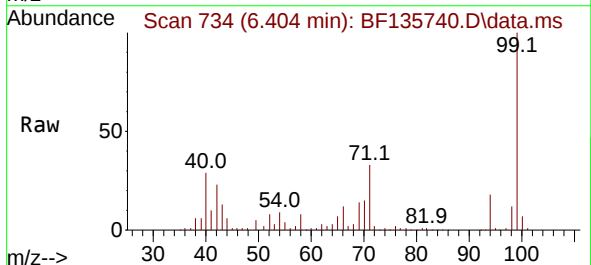
Delta R.T. 0.000 min

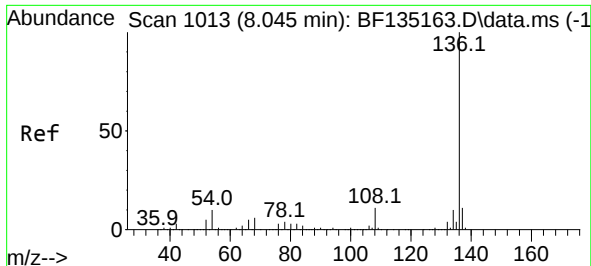
Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Tgt Ion: 94 Resp: 26139

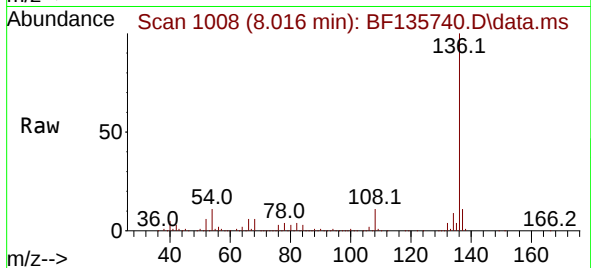
Ion	Ratio	Lower	Upper
94	100		
65	39.8	15.9	55.9
66	69.0	29.8	69.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

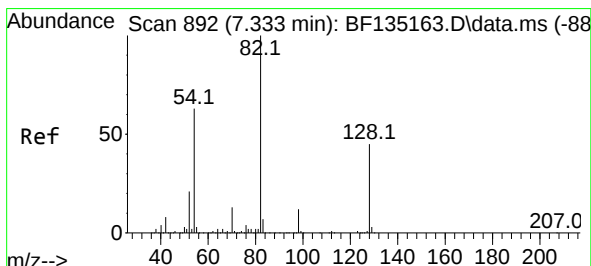
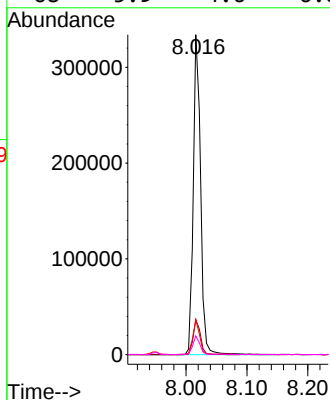
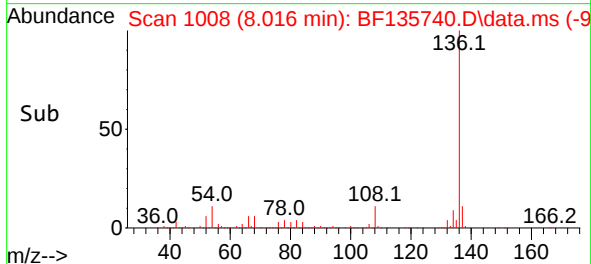
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



Tgt Ion:136 Resp: 280944
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.7 11.5
68 5.9 4.6 6.8

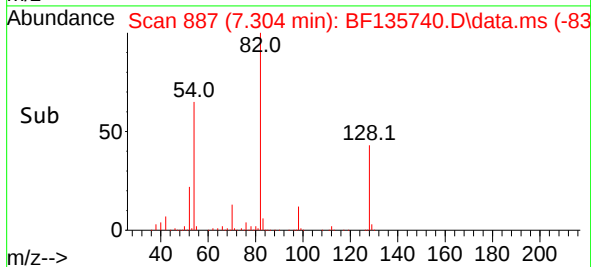
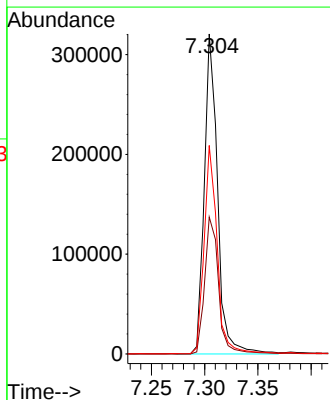
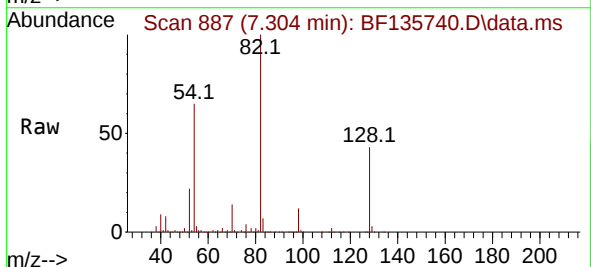
Manual Integrations
APPROVED

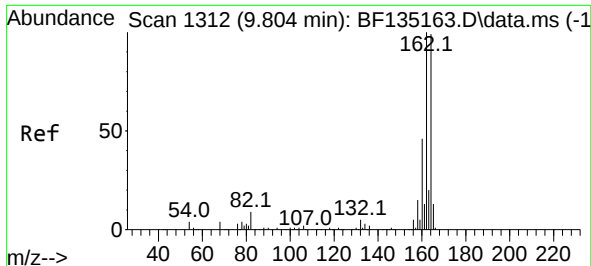
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#23
Nitrobenzene-d5
Concen: 53.942 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion: 82 Resp: 278939
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.6
54 65.2 50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

Tgt Ion:164 Resp: 12032

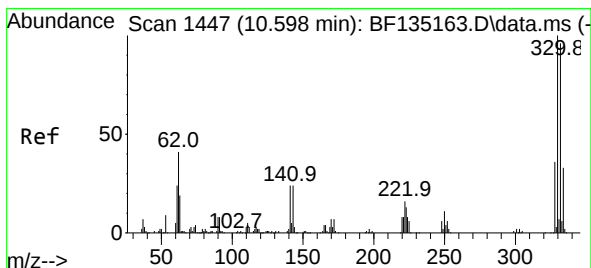
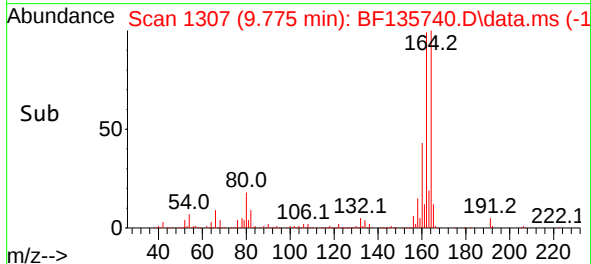
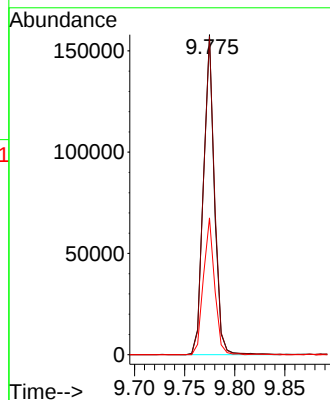
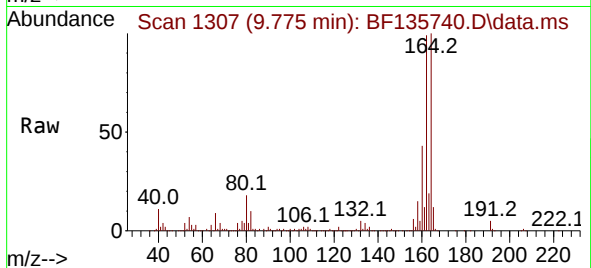
Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.4
160	42.8	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#42

2,4,6-Tribromophenol

Concen: 78.151 ng

RT: 10.575 min Scan# 1443

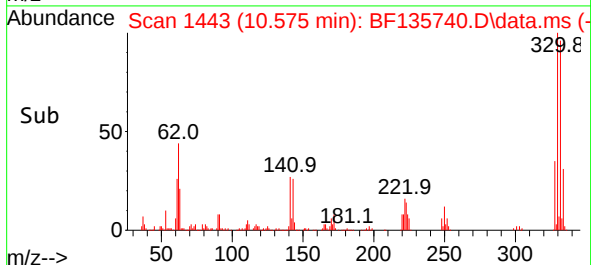
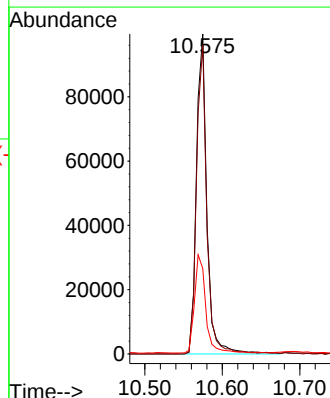
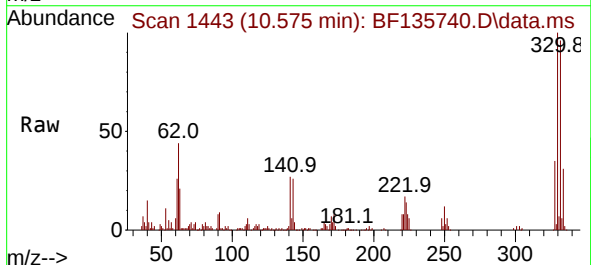
Delta R.T. 0.000 min

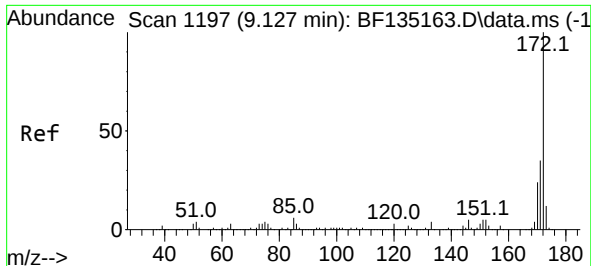
Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Tgt Ion:330 Resp: 93447

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	32.7	25.8	38.8





#45

2-Fluorobiphenyl

Concen: 56.547 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

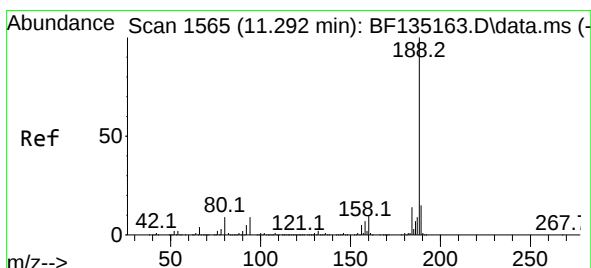
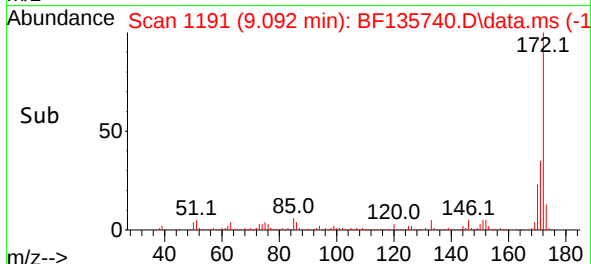
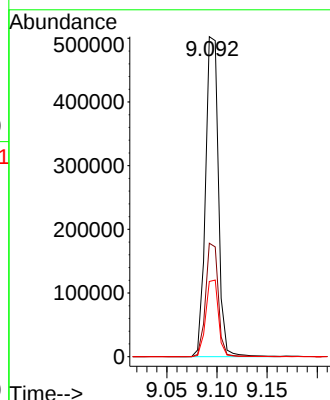
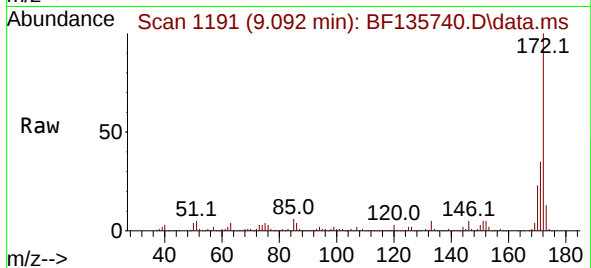
50126-50127-COMP

Tgt Ion:172 Resp: 450973
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

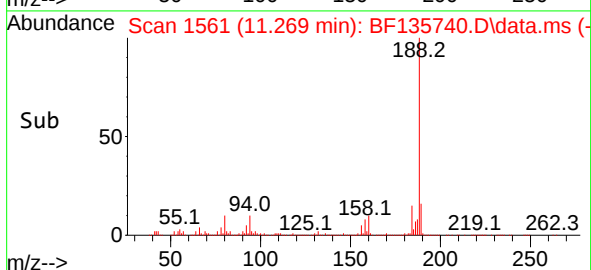
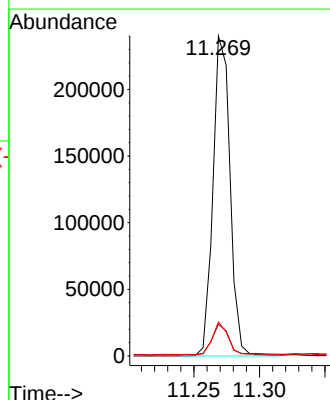
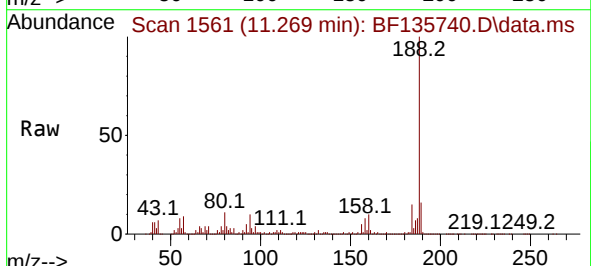
RT: 11.269 min Scan# 1561

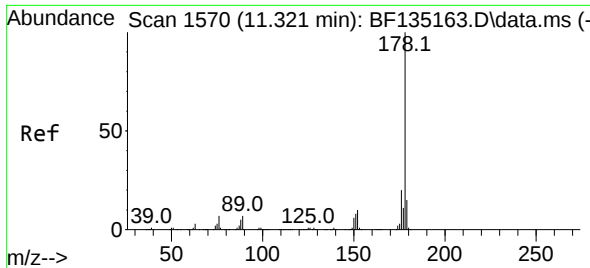
Delta R.T. -0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

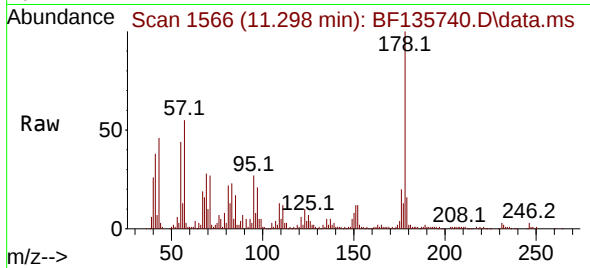
Tgt Ion:188 Resp: 217113
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.6
 80 10.7 7.5 11.3





#71
Phenanthrene
Concen: 5.676 ng
RT: 11.298 min Scan# 11298
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

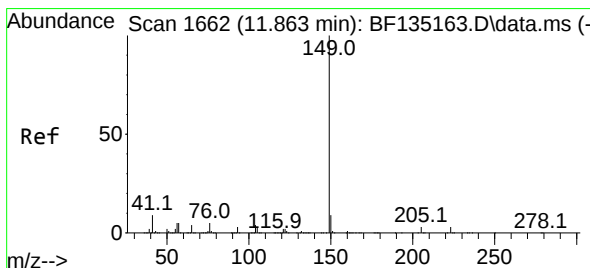
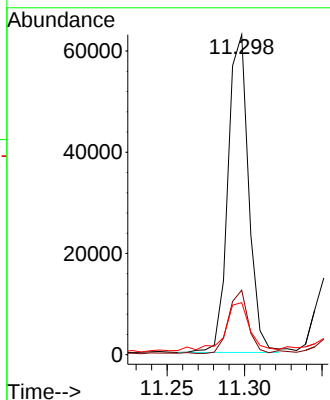
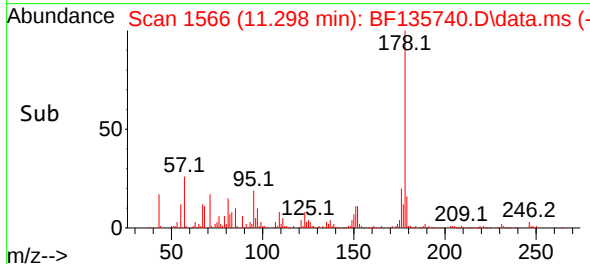
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



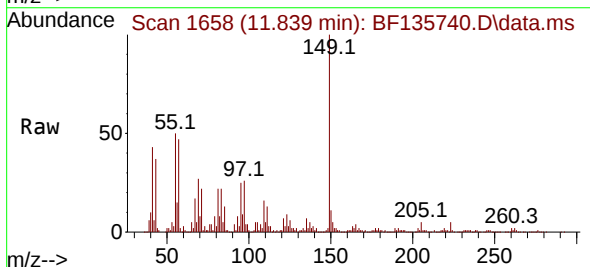
Tgt Ion:178 Resp: 5828
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.3 12.0 18.0

Manual Integrations
APPROVED

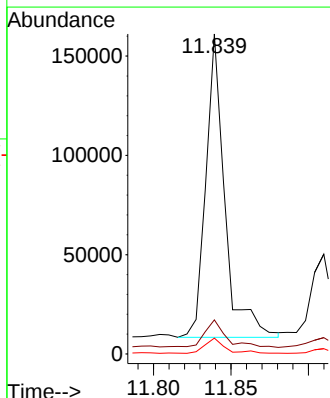
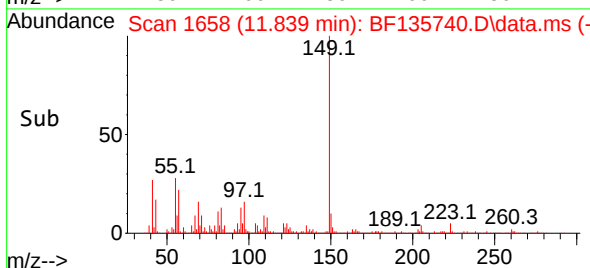
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

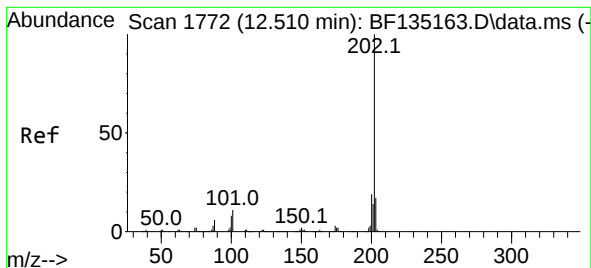


#74
Di-n-butylphthalate
Concen: 11.472 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02



Tgt Ion:149 Resp: 129883
Ion Ratio Lower Upper
149 100
150 10.6 7.4 11.0
104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 9.142 ng

RT: 12.504 min Scan# 1771

Delta R.T. 0.006 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

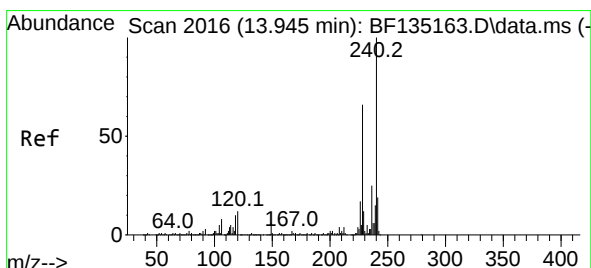
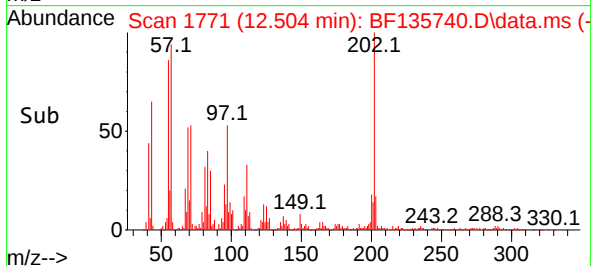
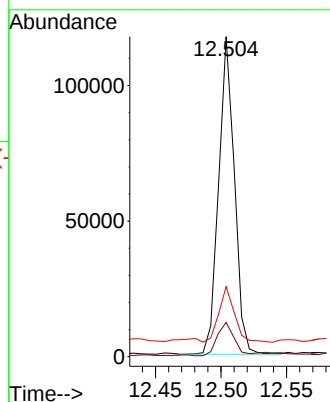
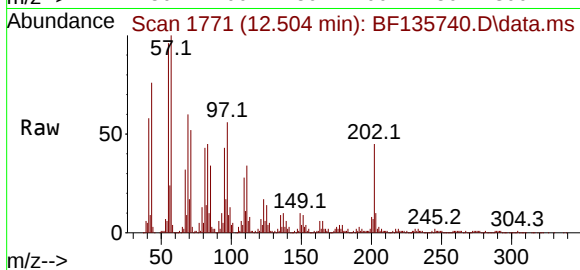
Tgt Ion:	202	Resp:	9781
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.3
203	21.9	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#76

Chrysene-d12

Concen: 20.000 ng

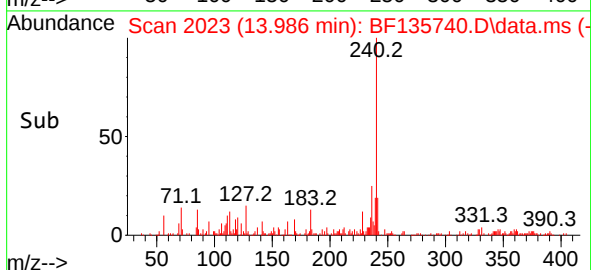
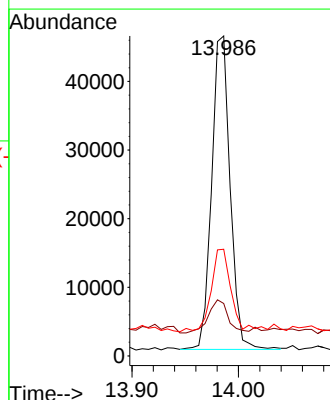
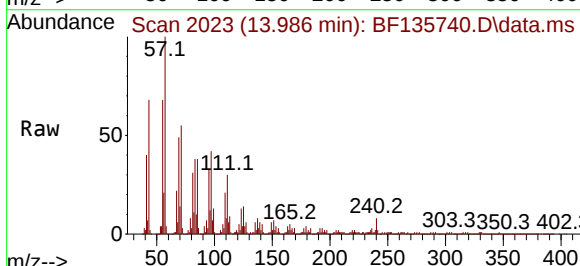
RT: 13.986 min Scan# 2023

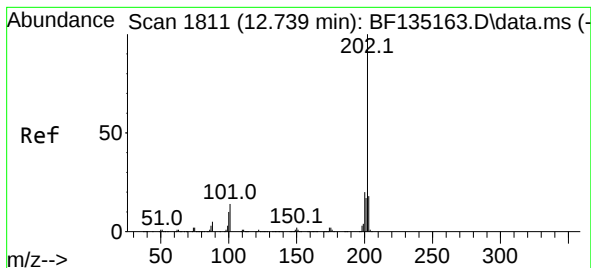
Delta R.T. 0.047 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Tgt Ion:	240	Resp:	54964
Ion Ratio	Lower	Upper	
240	100		
120	16.4	9.4	14.2#
236	33.3	19.8	29.8#





#78

Pyrene

Concen: 13.039 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNA_F

ClientSampleId :

50126-50127-COMP

Tgt Ion:202 Resp: 68234

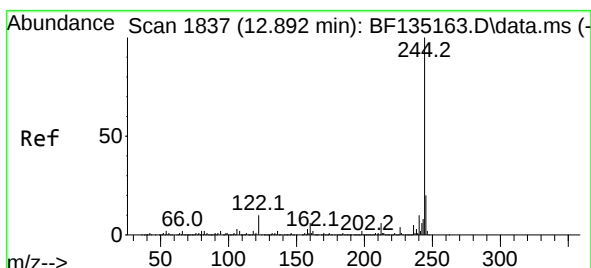
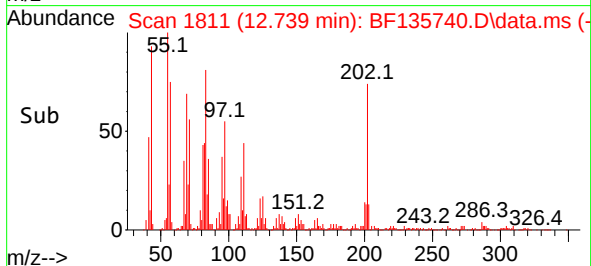
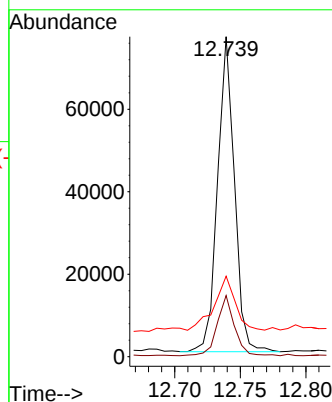
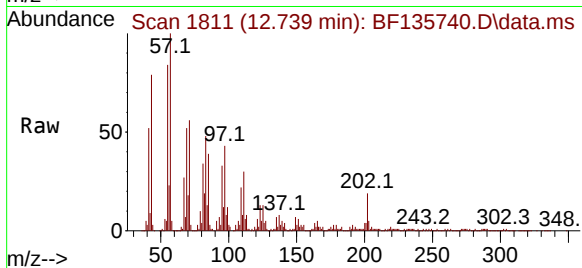
Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.2	24.2
203	25.2	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#79

Terphenyl-d14

Concen: 78.451 ng

RT: 12.886 min Scan# 1836

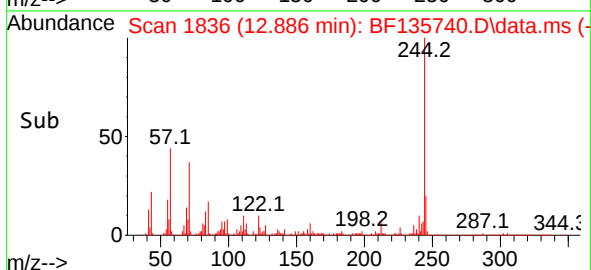
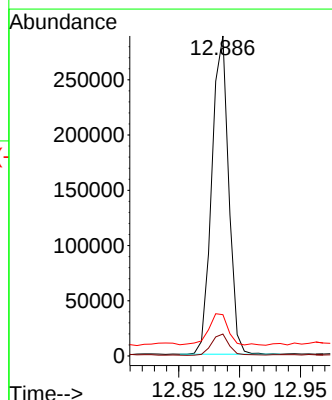
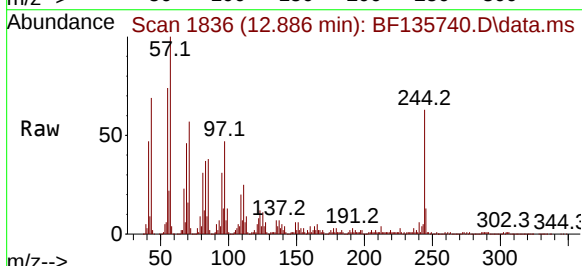
Delta R.T. 0.018 min

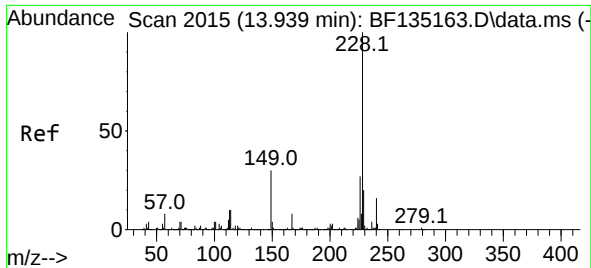
Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Tgt Ion:244 Resp: 278158

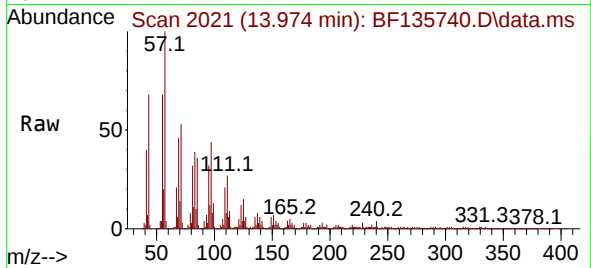
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	12.9	7.9	11.9





#81
Benzo(a)anthracene
Concen: 5.655 ng
RT: 13.974 min Scan# 207
Delta R.T. 0.047 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

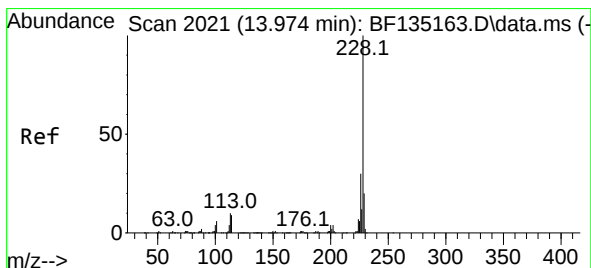
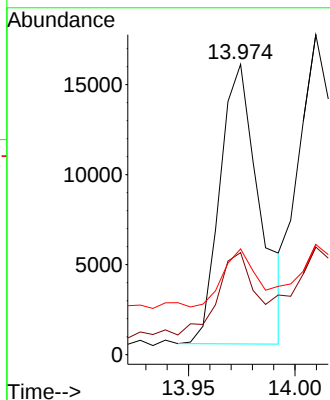
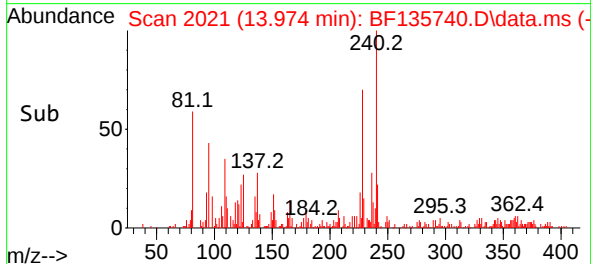
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



Tgt Ion:228 Resp: 2007
Ion Ratio Lower Upper
228 100
226 35.2 21.7 32.5
229 36.4 15.8 23.8

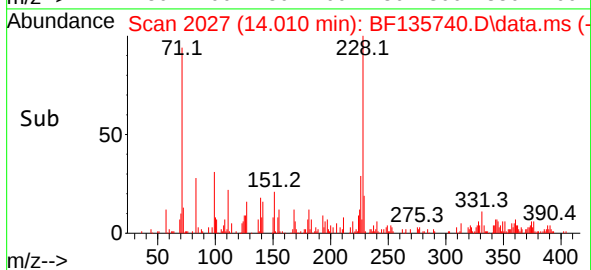
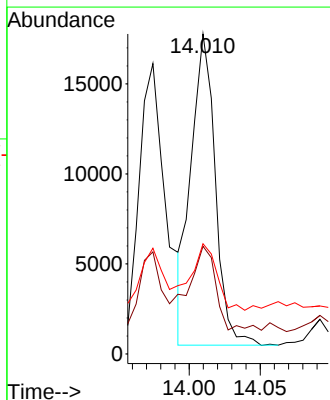
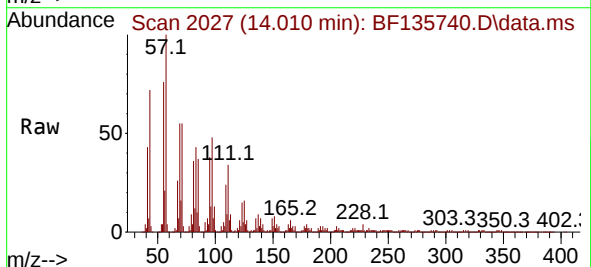
Manual Integrations
APPROVED

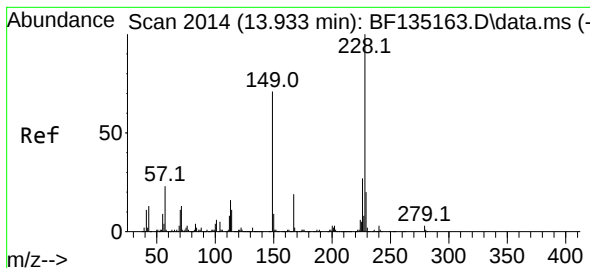
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#83
Chrysene
Concen: 5.795 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.047 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

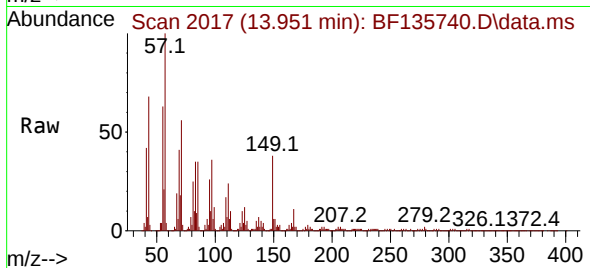
Tgt Ion:228 Resp: 20449
Ion Ratio Lower Upper
228 100
226 33.7 24.3 36.5
229 34.4 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 131.900 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.041 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

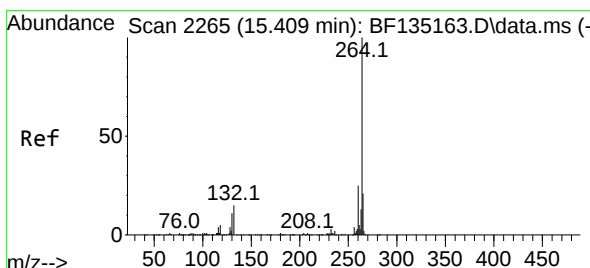
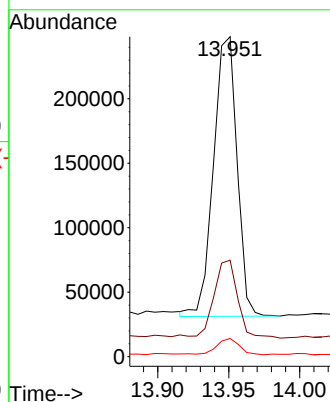
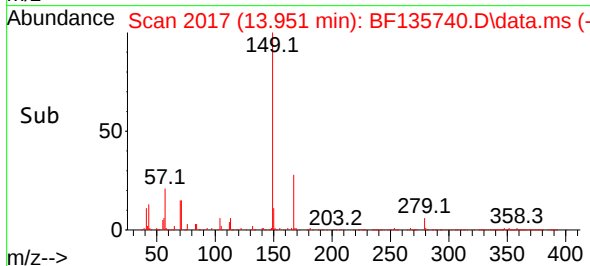
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



Tgt Ion:149 Resp: 249380
Ion Ratio Lower Upper
149 100
167 30.2 21.9 32.9
279 5.7 3.3 4.9

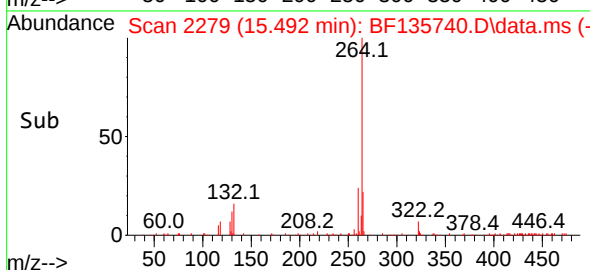
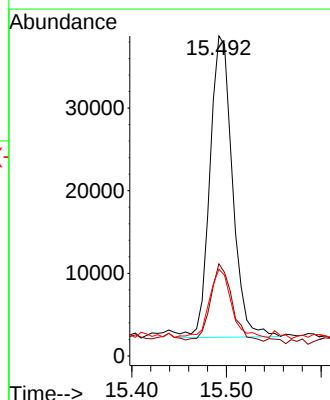
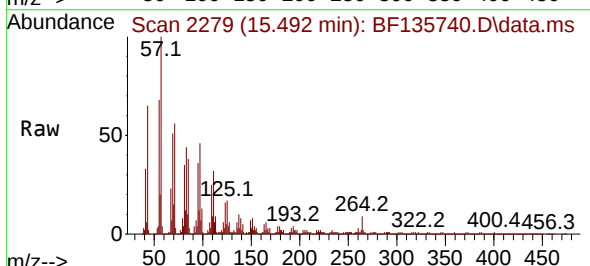
Manual Integrations
APPROVED

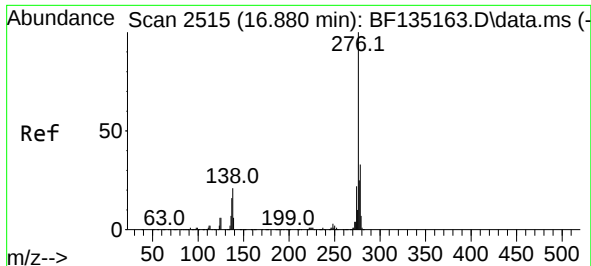
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.088 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

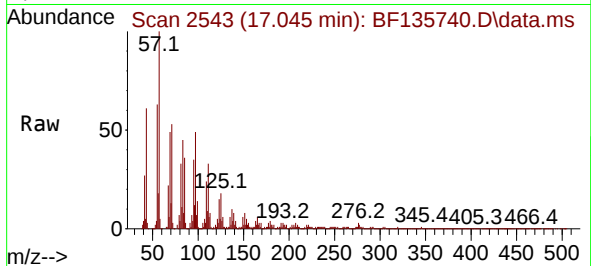
Tgt Ion:264 Resp: 59999
Ion Ratio Lower Upper
264 100
260 28.8 19.8 29.6
265 27.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.866 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

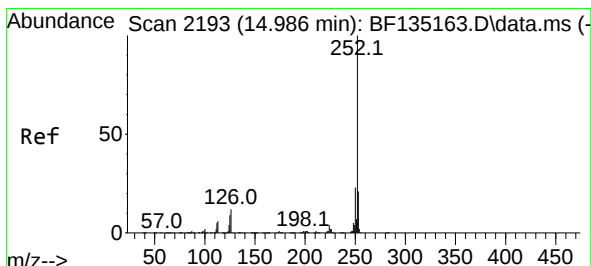
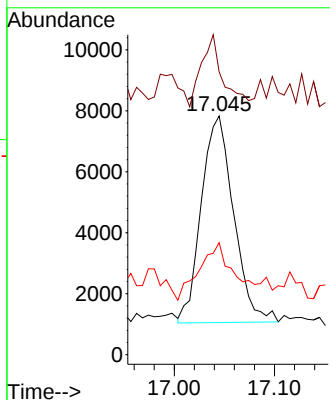
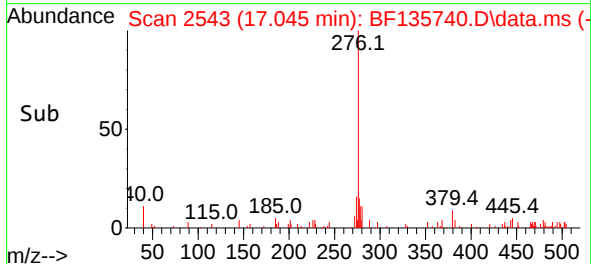
Instrument :
BNA_F
ClientSampleId :
50126-50127-COMP



Tgt Ion:276 Resp: 1520
Ion Ratio Lower Upper
276 100
138 22.9 19.2 28.8
277 33.3 19.7 29.5

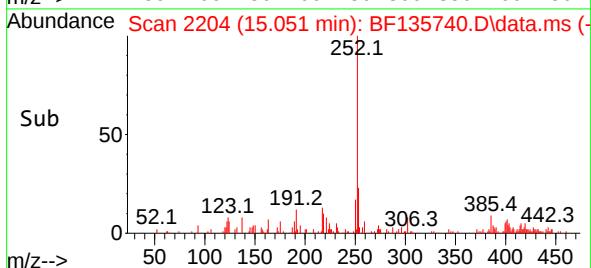
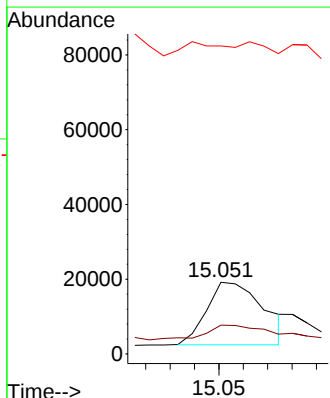
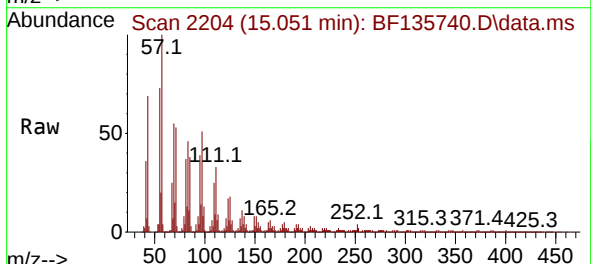
Manual Integrations
APPROVED

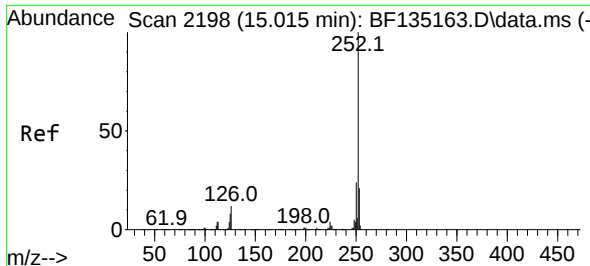
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#88
Benzo(b)fluoranthene
Concen: 8.321 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.071 min
Lab File: BF135740.D
Acq: 12 Oct 2023 18:02

Tgt Ion:252 Resp: 27027
Ion Ratio Lower Upper
252 100
253 40.1 17.2 25.8#
125 430.2 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.509 ng m

RT: 15.074 min Scan# 2198

Delta R.T. 0.071 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

Instrument :

BNF

ClientSampleId :

50126-50127-COMP

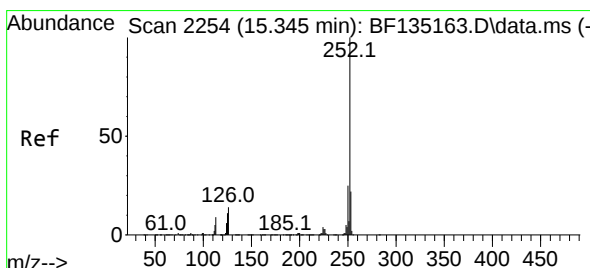
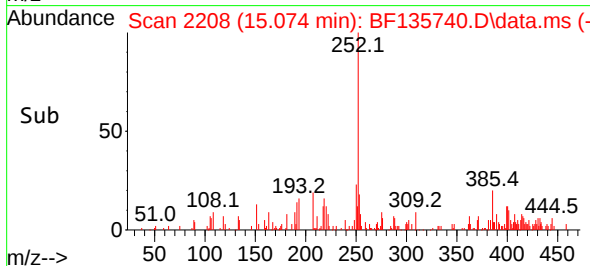
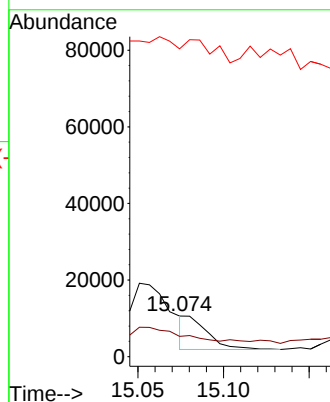
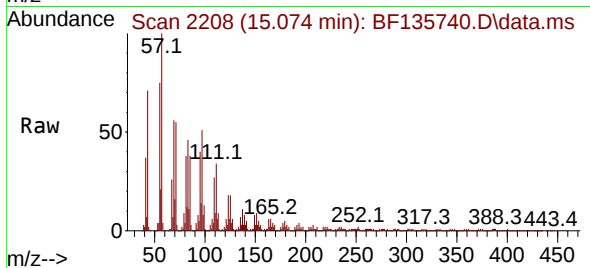
Tgt Ion:252 Resp: 8050
 Ion Ratio Lower Upper
 252 100
 253 50.2 17.4 26.0#
 125 757.4 7.2 10.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#90

Benzo(a)pyrene

Concen: 5.390 ng

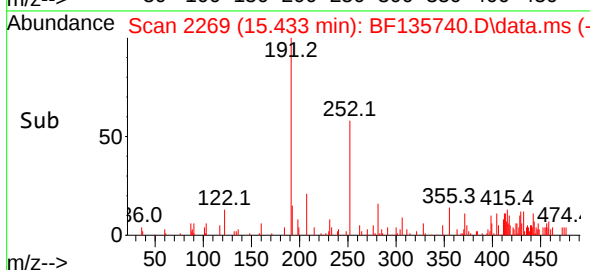
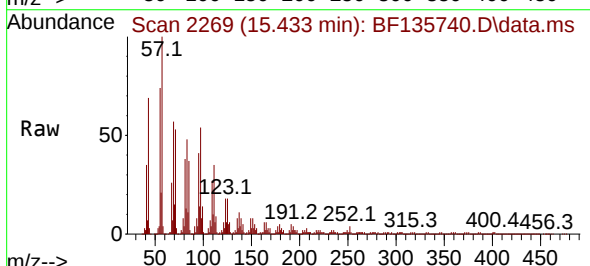
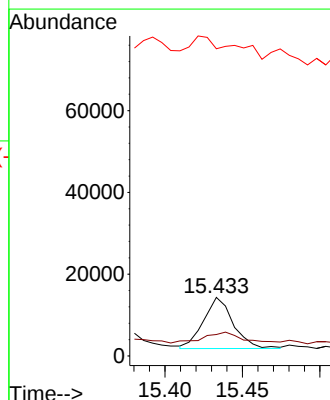
RT: 15.433 min Scan# 2269

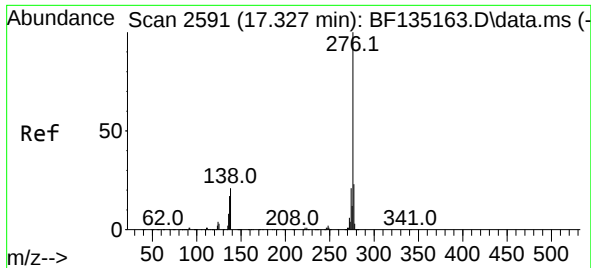
Delta R.T. 0.088 min

Lab File: BF135740.D

Acq: 12 Oct 2023 18:02

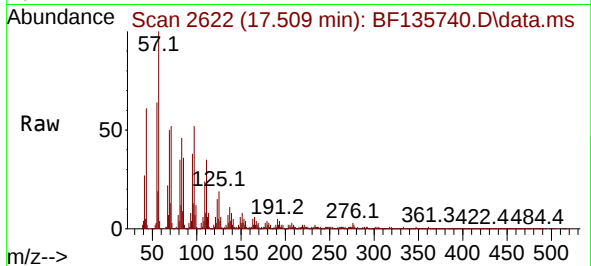
Tgt Ion:252 Resp: 16694
 Ion Ratio Lower Upper
 252 100
 253 36.8 17.5 26.3#
 125 525.2 9.2 13.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.404 ng m
 RT: 17.509 min Scan# 20
 Delta R.T. 0.159 min
 Lab File: BF135740.D
 Acq: 12 Oct 2023 18:02

Instrument :
 BNA_F
 ClientSampleId :
 50126-50127-COMP



Tgt Ion:276 Resp: 14800
 Ion Ratio Lower Upper
 276 100
 277 46.6 18.8 28.2
 138 130.0 16.9 25.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023

