

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136926.D
 Acq On : 04 Jan 2024 01:03
 Operator : CG\JU
 Sample : 05897-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-22

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 04 03:45:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	52453	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	167946	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	72568	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	136443	20.000	ng	0.00
76) Chrysene-d12	13.968	240	117356	20.000	ng	0.00
86) Perylene-d12	15.451	264	95489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	342166	101.782	ng	0.00
7) Phenol-d6	6.439	99	389510	89.419	ng	0.00
23) Nitrobenzene-d5	7.345	82	233543	71.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	84757	99.172	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	393099	72.858	ng	-0.01
79) Terphenyl-d14	12.904	244	445505	53.050	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	17316	2.473	ng	99
75) Fluoranthene	12.527	202	49007	6.544	ng	99
78) Pyrene	12.757	202	39594	3.437	ng	98
81) Benzo(a)anthracene	13.957	228	27190	3.337	ng	97
83) Chrysene	13.992	228	21864	2.744	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	15142	2.871	ng	# 89
88) Benzo(b)fluoranthene	15.015	252	20726m	3.250	ng	
90) Benzo(a)pyrene	15.386	252	12397	2.303	ng	# 92

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

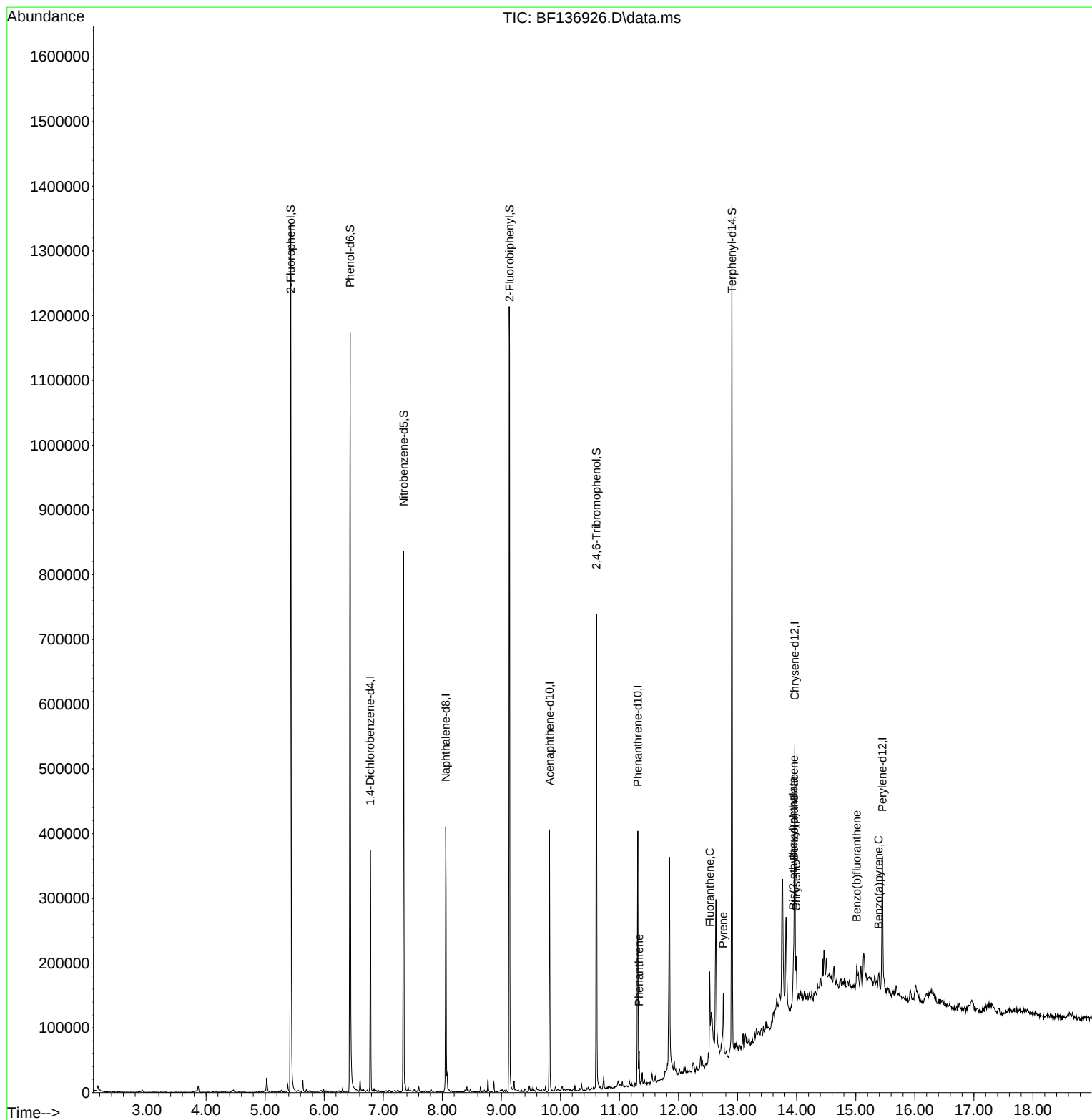
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

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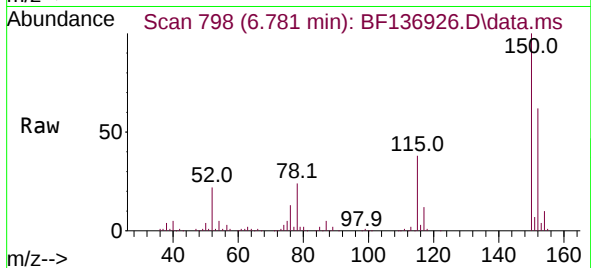
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

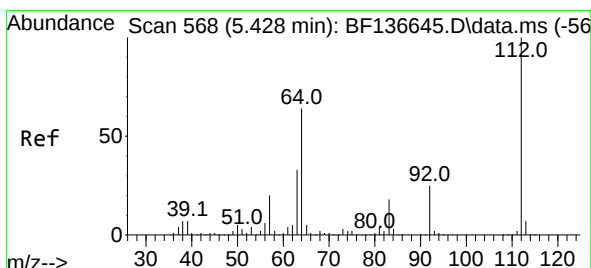
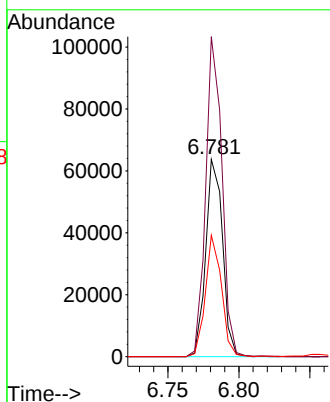
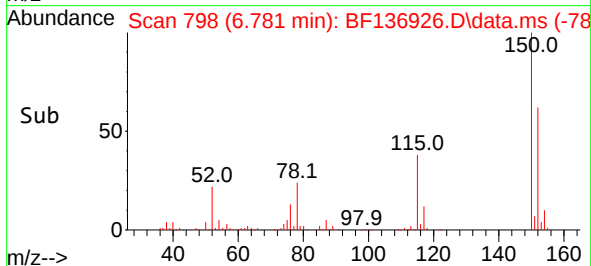
Instrument :
BNA_F
ClientSampleId :
GHL-SS-22



Tgt Ion:152 Resp: 5245
Ion Ratio Lower Upper
152 100
150 162.1 127.0 190.6
115 61.5 49.0 73.4

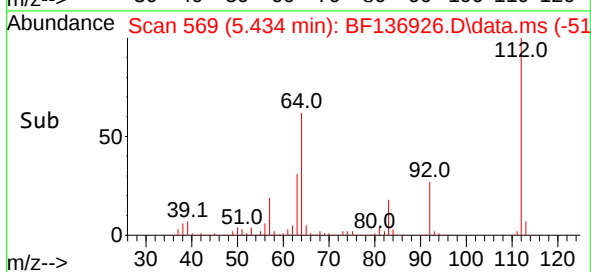
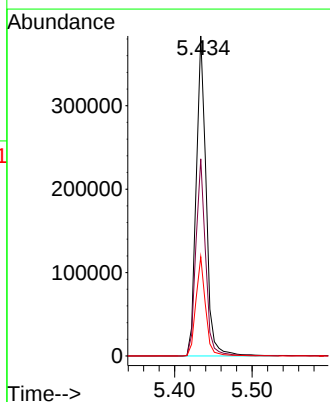
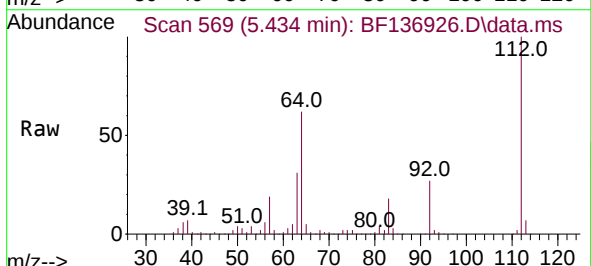
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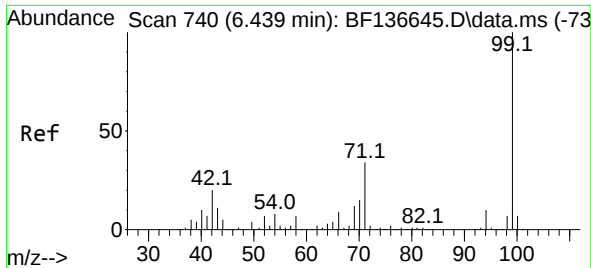
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#5
2-Fluorophenol
Concen: 101.782 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

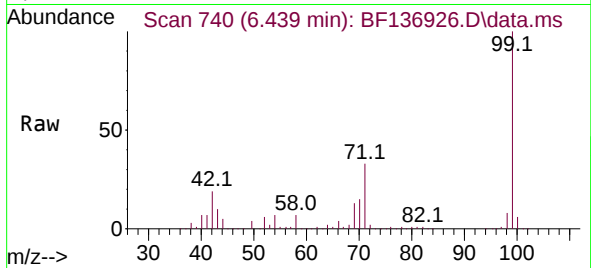
Tgt Ion:112 Resp: 342166
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 31.0 26.1 39.1





#7
Phenol-d6
Concen: 89.419 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

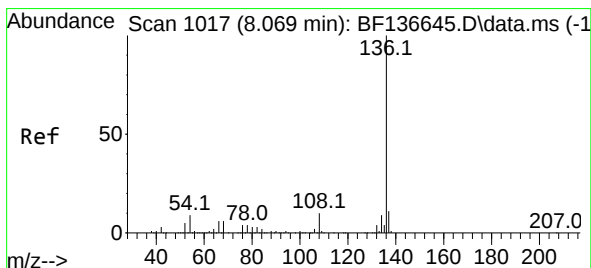
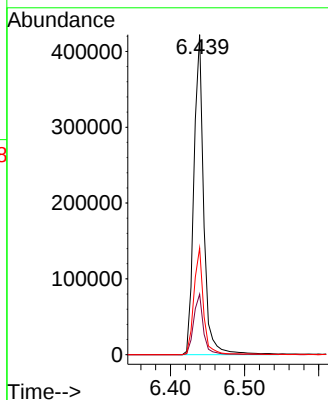
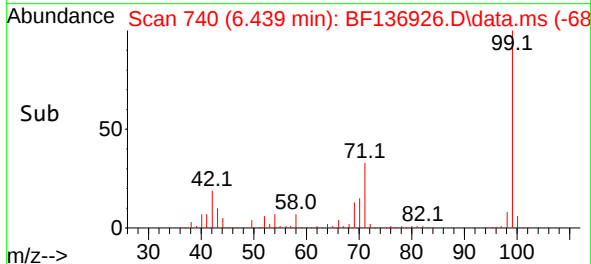
Instrument :
BNA_F
ClientSampleId :
GHL-SS-22



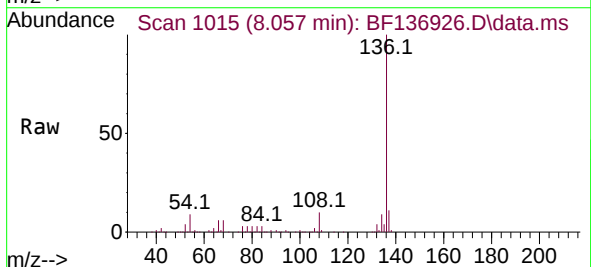
Tgt Ion: 99 Resp: 389510
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.3 27.4 41.2

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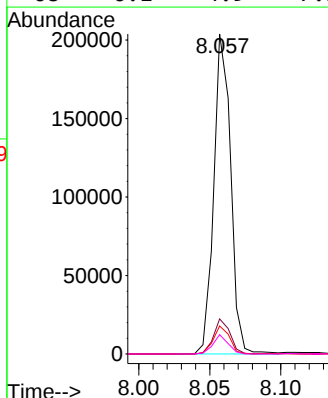
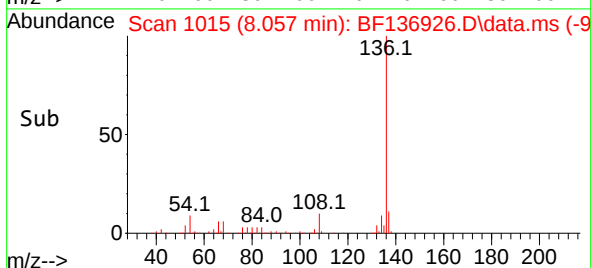
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

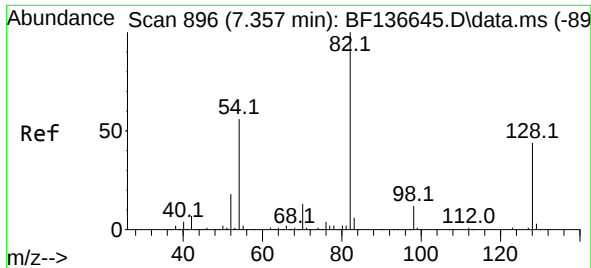


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03



Tgt Ion:136 Resp: 167946
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.7 7.2 10.8
68 6.1 4.9 7.3





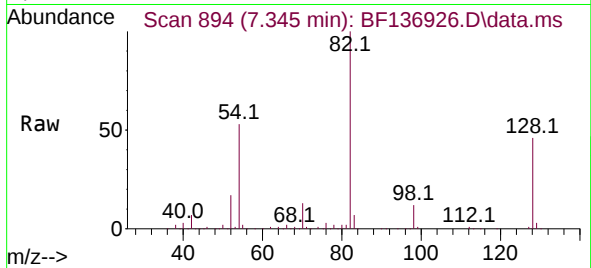
#23
Nitrobenzene-d5
Concen: 71.158 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Instrument :

BNA_F

ClientSampleId :

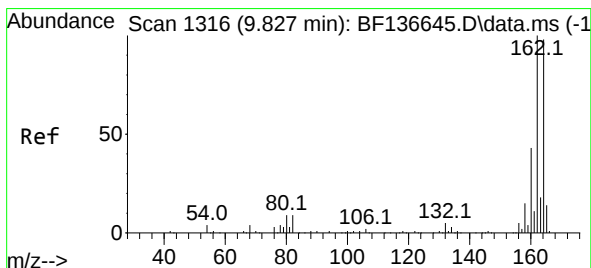
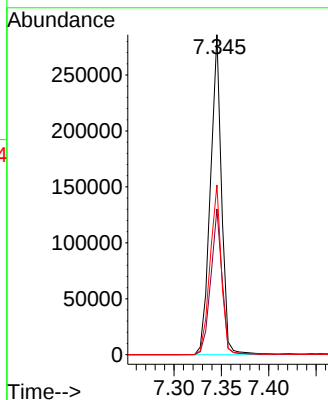
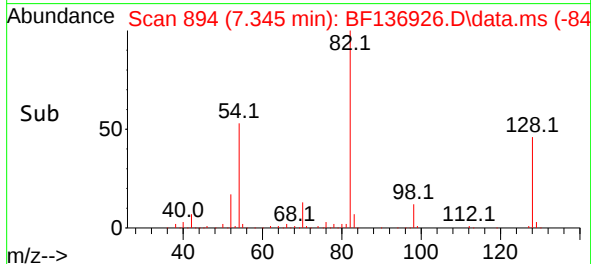
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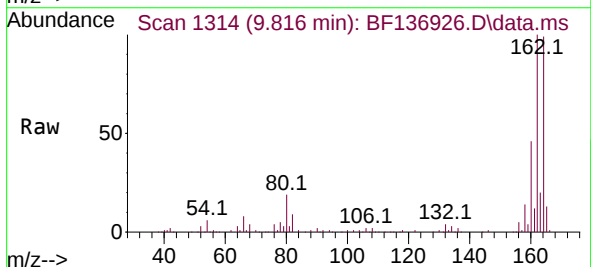
Tgt Ion: 82 Resp: 23354
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 53.0 44.5 66.7

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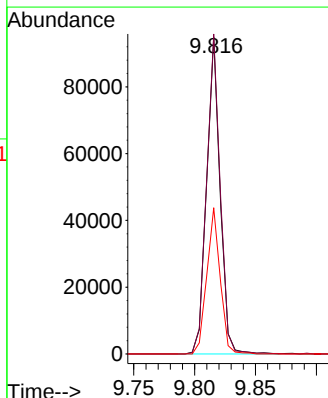
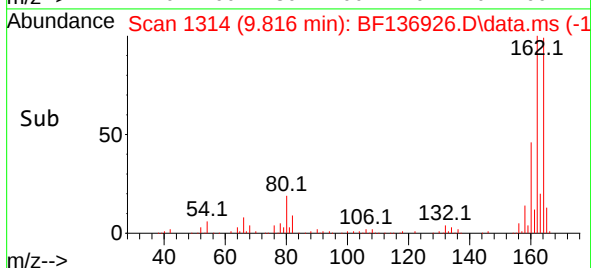
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03



Tgt Ion:164 Resp: 72568
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 46.1 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 99.172 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Instrument :

BNA_F

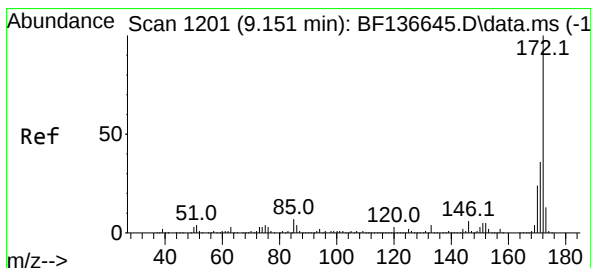
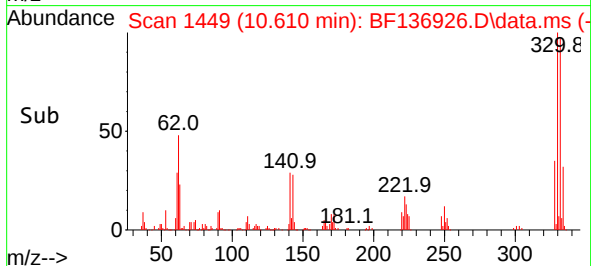
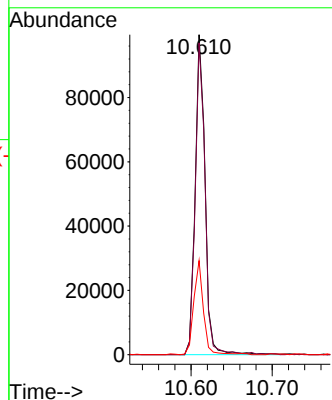
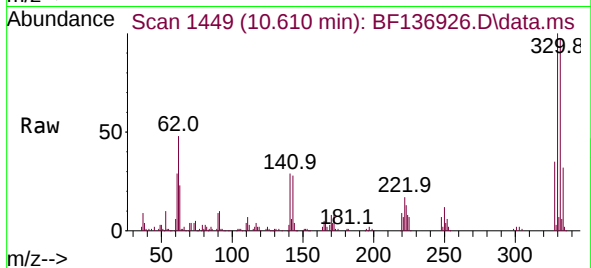
ClientSampleId :

GHL-SS-22

Tgt Ion:330 Resp: 8475
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 28.4 23.4 35.2

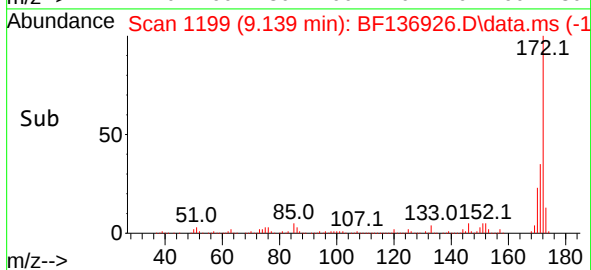
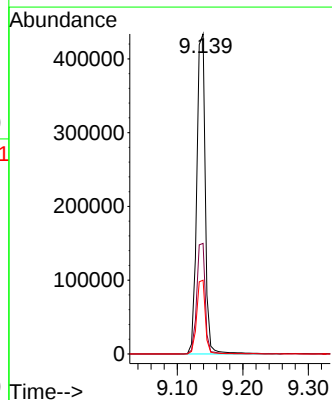
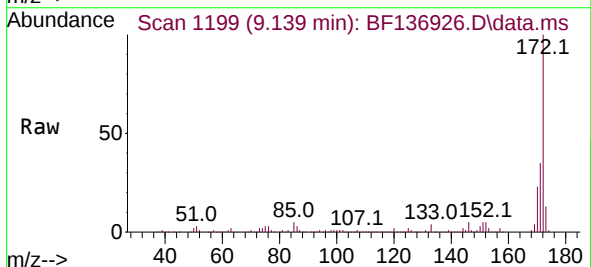
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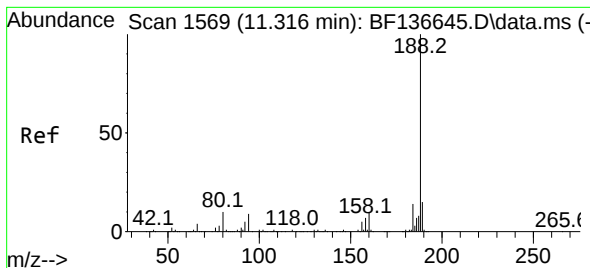
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#45
2-Fluorobiphenyl
Concen: 72.858 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

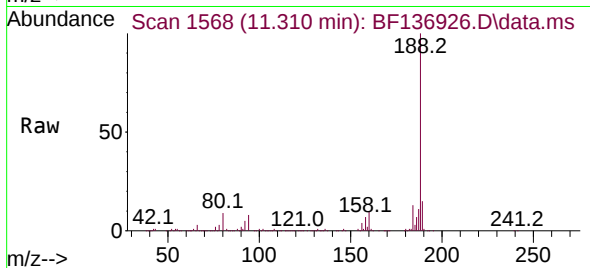
Tgt Ion:172 Resp: 393099
Ion Ratio Lower Upper
172 100
171 34.6 29.0 43.6
170 23.1 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

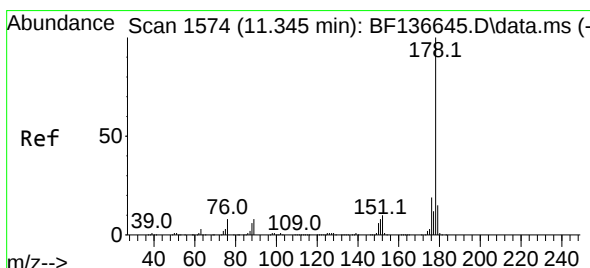
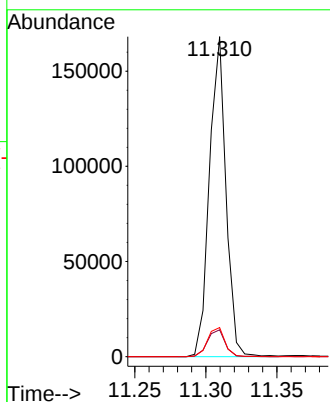
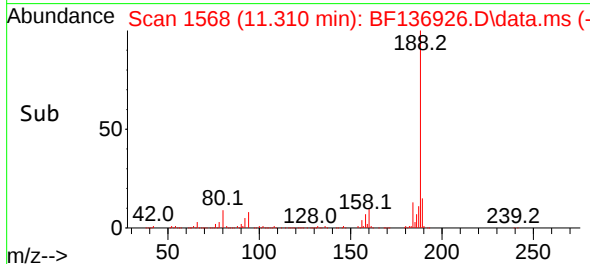
Instrument :
BNA_F
ClientSampleId :
GHL-SS-22



Tgt Ion:188 Resp: 13644
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.1 8.1 12.1

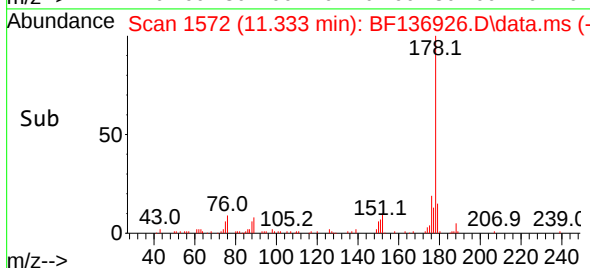
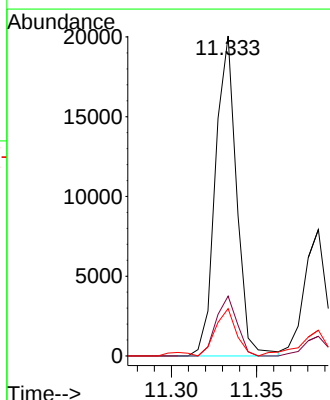
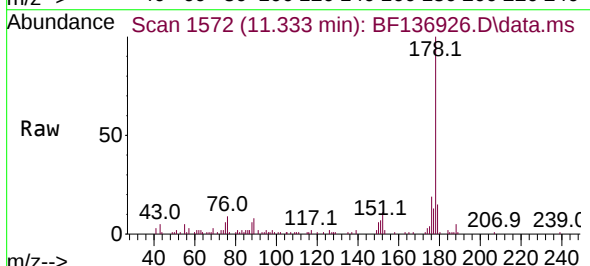
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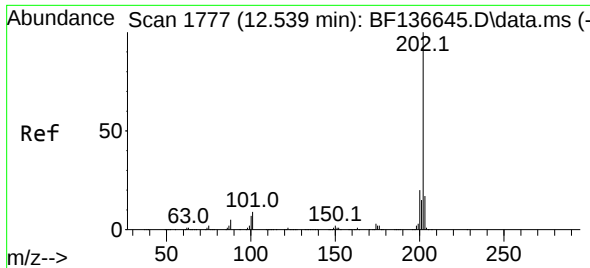
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#71
Phenanthrene
Concen: 2.473 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Tgt Ion:178 Resp: 17316
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.8 11.9 17.9





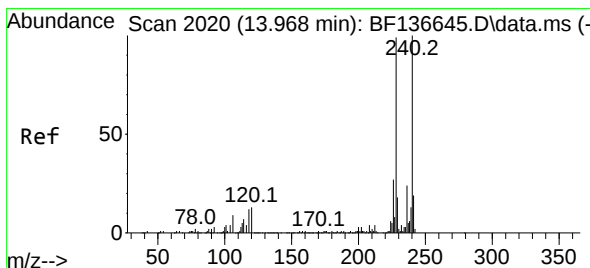
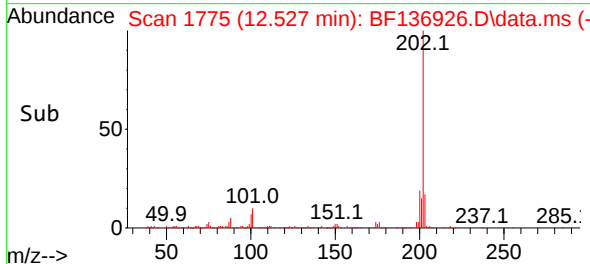
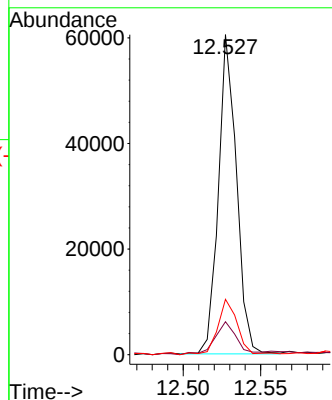
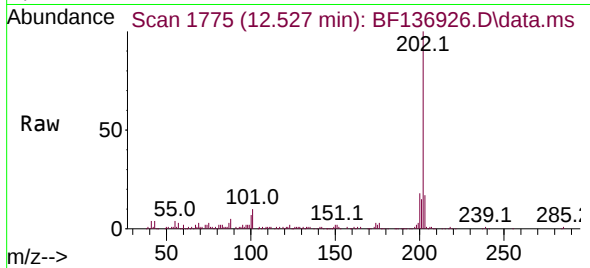
#75
Fluoranthene
Concen: 6.544 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Instrument :
BNA_F
ClientSampleId :
GHL-SS-22

Tgt Ion:202 Resp: 4900
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.3 0.0 37.1

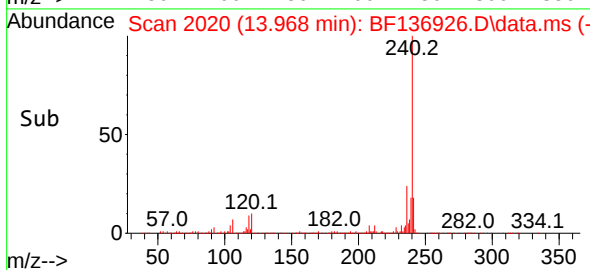
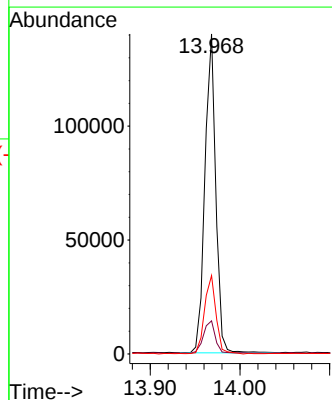
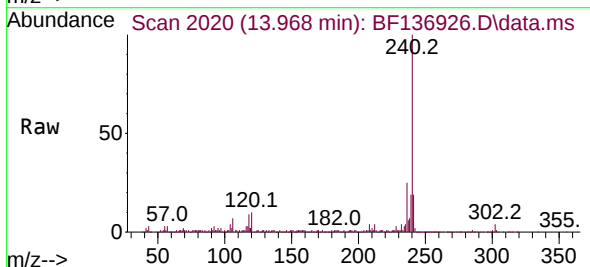
Manual Integrations
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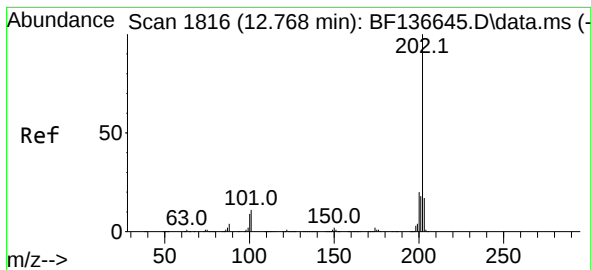
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Tgt Ion:240 Resp: 117356
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 24.5 19.4 29.2





#78

Pyrene

Concen: 3.437 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136926.D

Acq: 04 Jan 2024 01:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-22

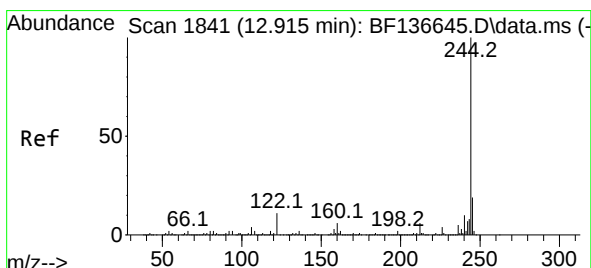
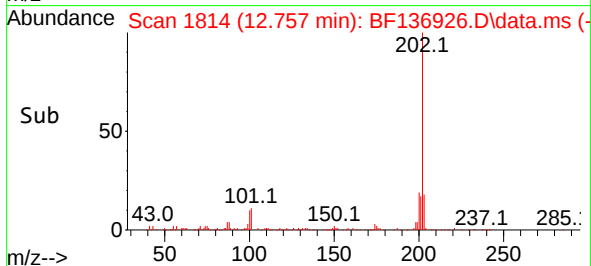
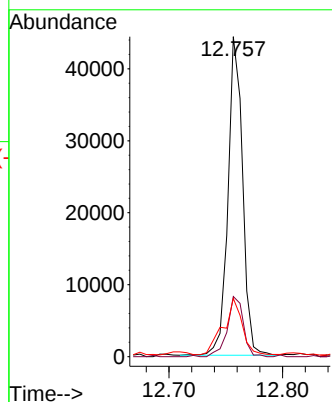
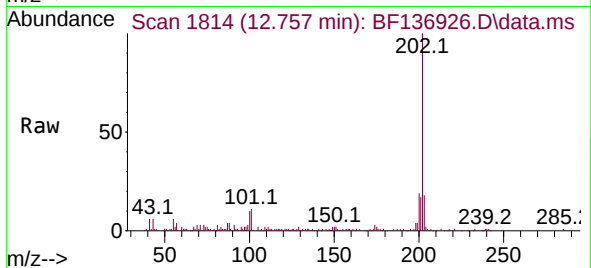
Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.8	15.9	23.9
203	18.2	13.8	20.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#79

Terphenyl-d14

Concen: 53.050 ng

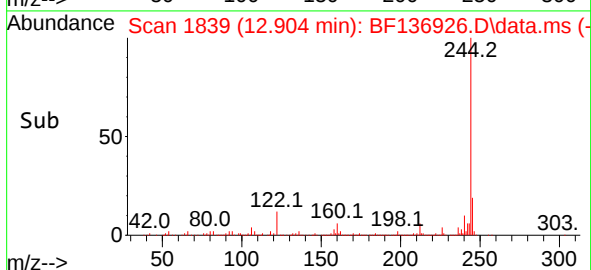
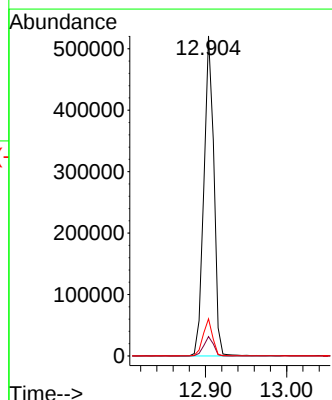
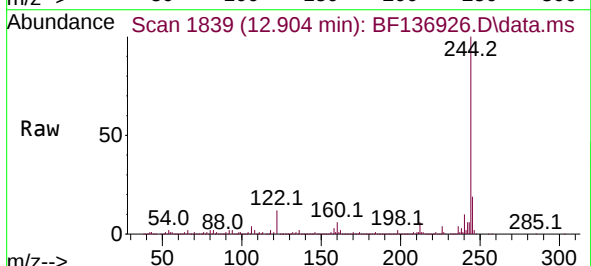
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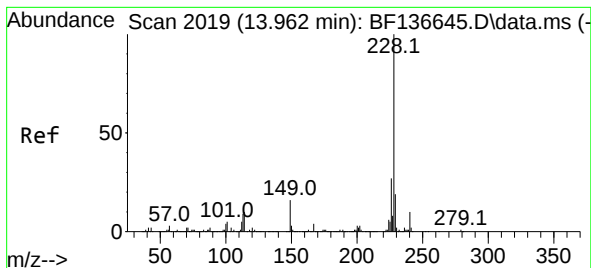
Delta R.T. -0.012 min

Lab File: BF136926.D

Acq: 04 Jan 2024 01:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	11.6	9.0	13.4





#81

Benzo(a)anthracene

Concen: 3.337 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136926.D

Acq: 04 Jan 2024 01:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-22

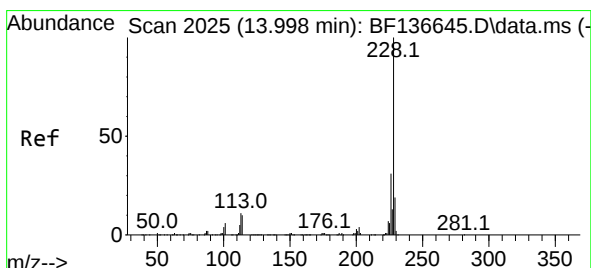
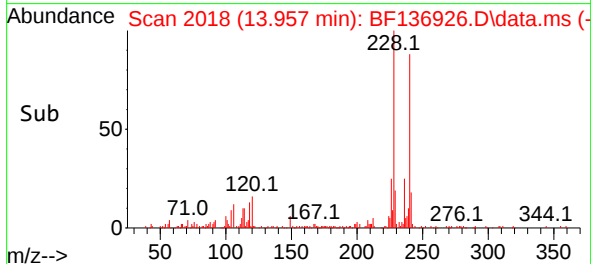
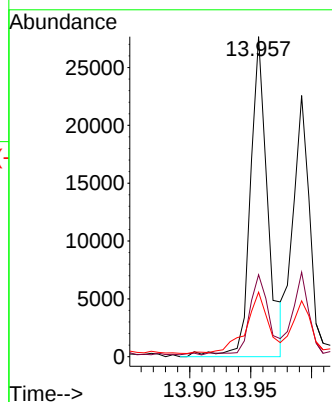
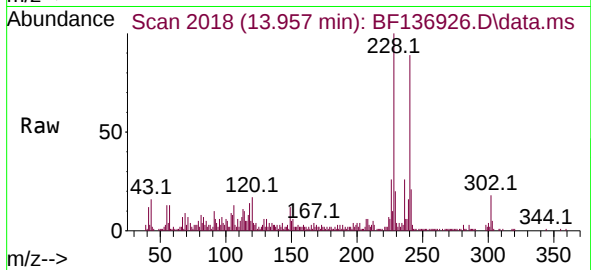
Tgt Ion:	228	Resp:	27190
Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.4	32.0
229	20.1	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#83

Chrysene

Concen: 2.744 ng

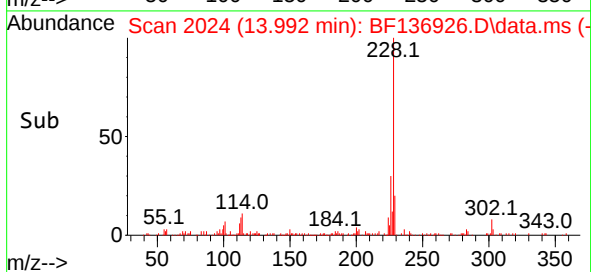
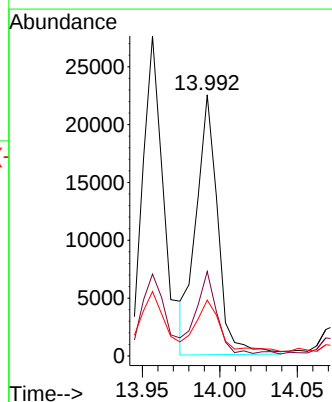
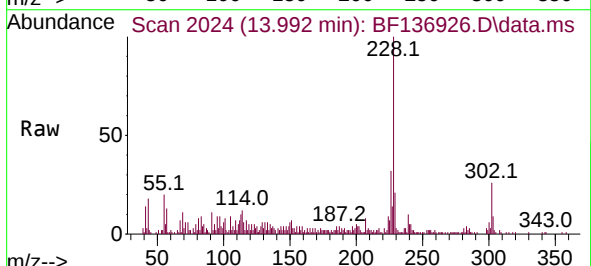
RT: 13.992 min Scan# 2024

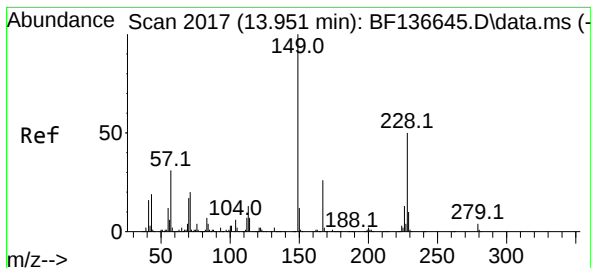
Delta R.T. -0.006 min

Lab File: BF136926.D

Acq: 04 Jan 2024 01:03

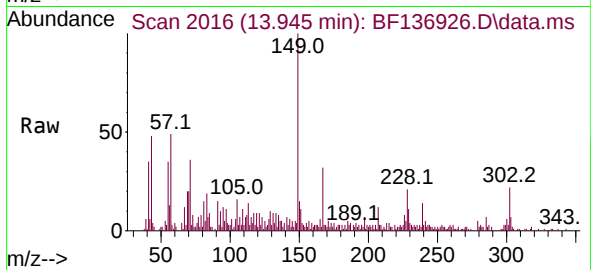
Tgt Ion:	228	Resp:	21864
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	21.4	15.4	23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.871 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

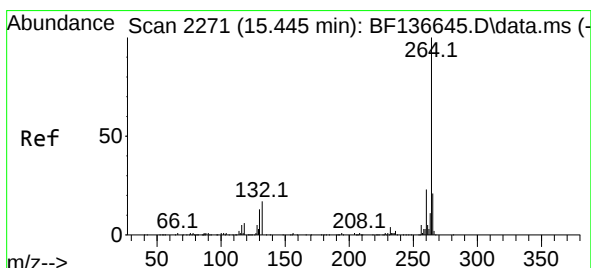
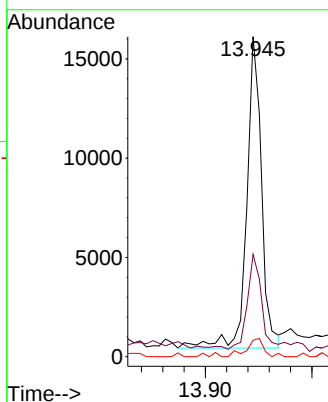
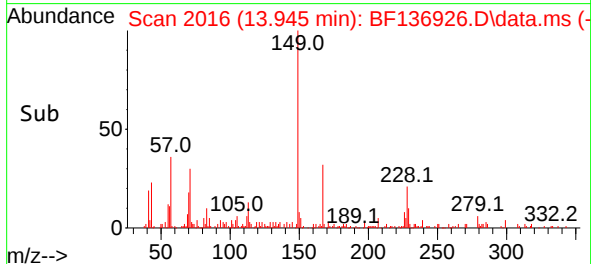
Instrument :
BNA_F
ClientSampleId :
GHL-SS-22



Tgt Ion:149 Resp: 1514
Ion Ratio Lower Upper
149 100
167 31.9 20.9 31.3
279 5.2 2.9 4.3

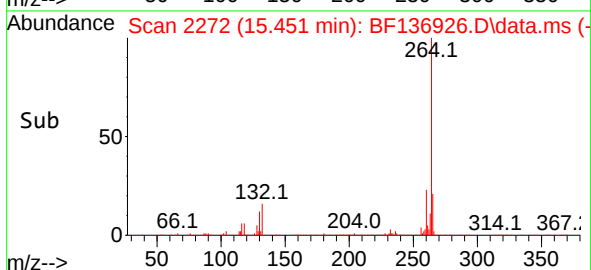
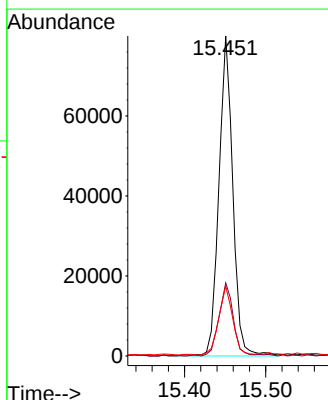
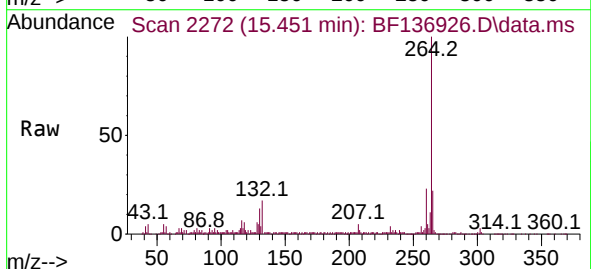
Manual Integrations
APPROVED

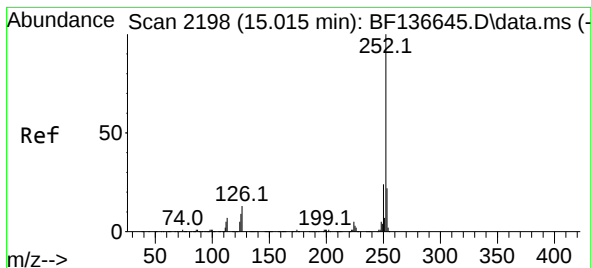
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF136926.D
Acq: 04 Jan 2024 01:03

Tgt Ion:264 Resp: 95489
Ion Ratio Lower Upper
264 100
260 22.9 18.3 27.5
265 21.8 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.250 ng m

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136926.D

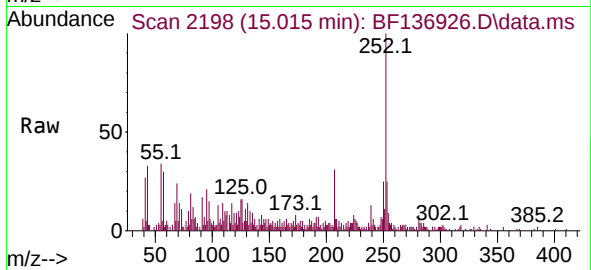
Acq: 04 Jan 2024 01:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-22



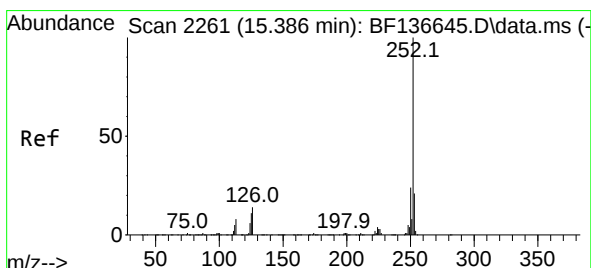
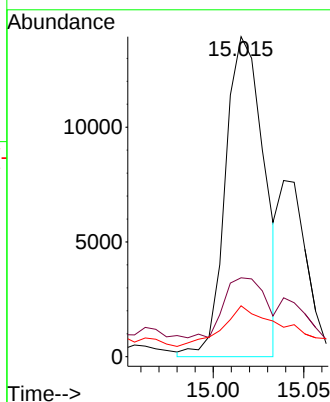
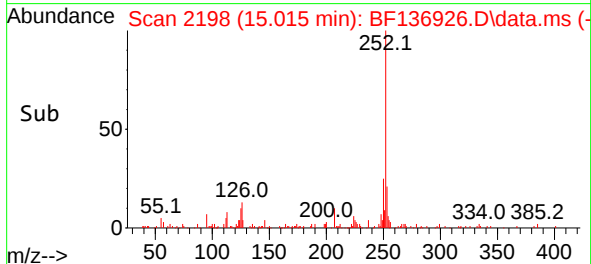
Tgt Ion:	252	Resp:	20720
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	15.9	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#90

Benzo(a)pyrene

Concen: 2.303 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136926.D

Acq: 04 Jan 2024 01:03

Tgt Ion:	252	Resp:	12397
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	16.4	8.8	13.2

