

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137284.D
 Acq On : 05 Feb 2024 19:19
 Operator : CG\JU
 Sample : P1141-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-3-2-4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 01:16:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	51622	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	183564	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	91143	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	167065	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	109842	20.000	ng	0.00
86) Perylene-d12	15.451	264	92284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	275951	88.207	ng	0.00
7) Phenol-d6	6.422	99	349967	78.387	ng	0.00
23) Nitrobenzene-d5	7.351	82	215878	52.653	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	76979	74.786	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	336181	50.705	ng	0.00
79) Terphenyl-d14	12.916	244	373535	46.230	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	43656	4.991	ng	99
74) Di-n-butylphthalate	11.886	149	73671	8.946	ng	100
75) Fluoranthene	12.533	202	96613	10.557	ng	98
78) Pyrene	12.763	202	87811	8.319	ng	98
80) Butylbenzylphthalate	13.398	149	11364	4.208	ng	# 89
81) Benzo(a)anthracene	13.957	228	37856	4.866	ng	96
83) Chrysene	13.992	228	33996	4.445	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	17392	5.536	ng	98
88) Benzo(b)fluoranthene	15.015	252	36939m	6.509	ng	
90) Benzo(a)pyrene	15.386	252	24214	4.534	ng	# 95
92) Benzo(g,h,i)perylene	17.398	276	14267	2.798	ng	# 92

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

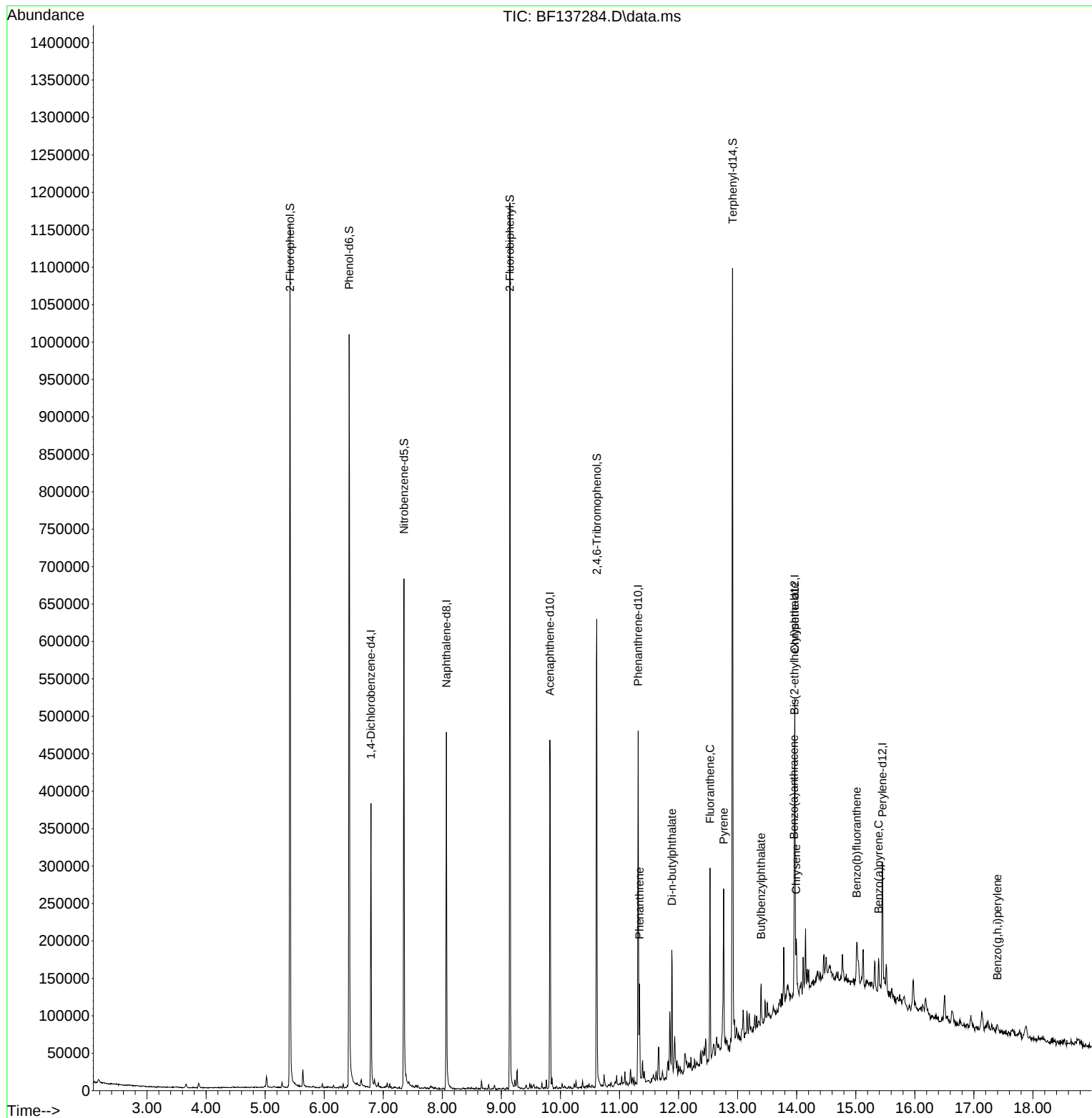
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
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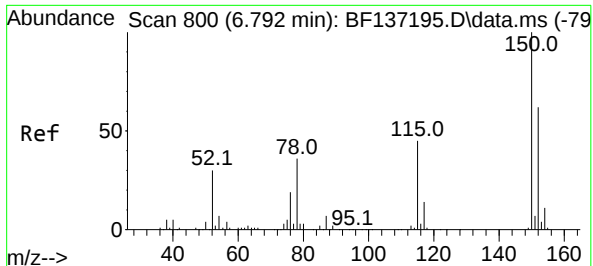
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4

Quant Time: Feb 06 01:16:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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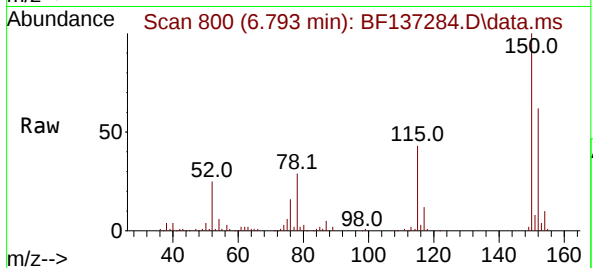
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

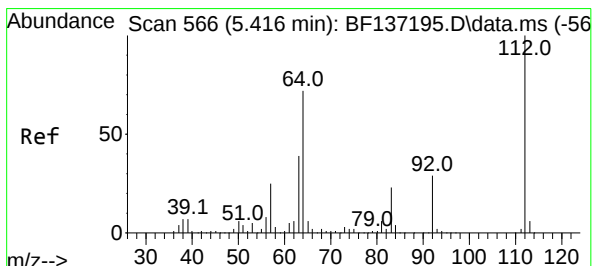
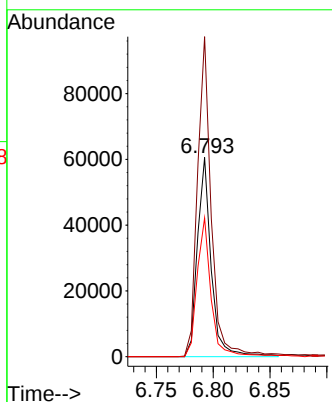
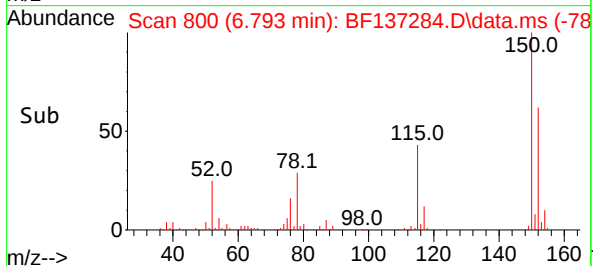
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4



Tgt Ion:152 Resp: 5162
Ion Ratio Lower Upper
152 100
150 160.6 129.8 194.8
115 69.6 58.5 87.7

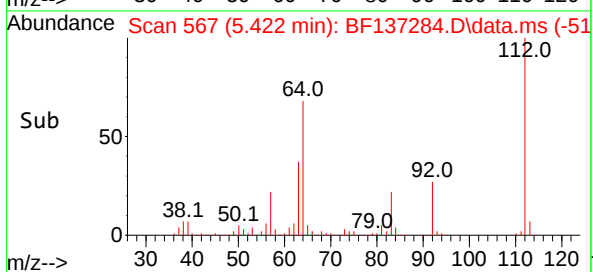
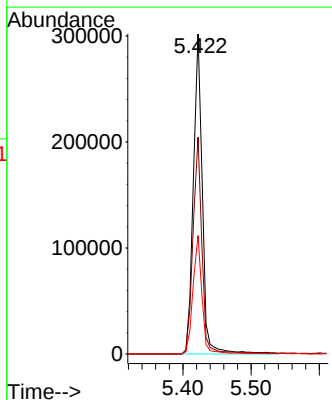
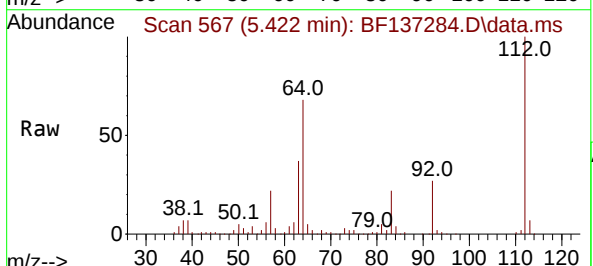
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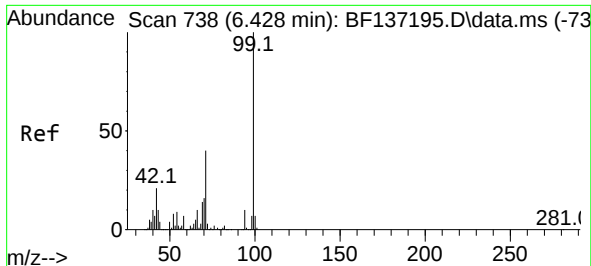
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#5
2-Fluorophenol
Concen: 88.207 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

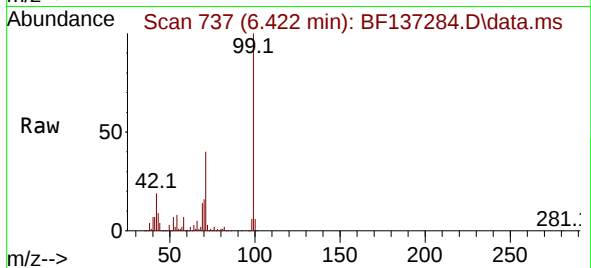
Tgt Ion:112 Resp: 275951
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.0 31.4 47.0





#7
Phenol-d6
Concen: 78.387 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

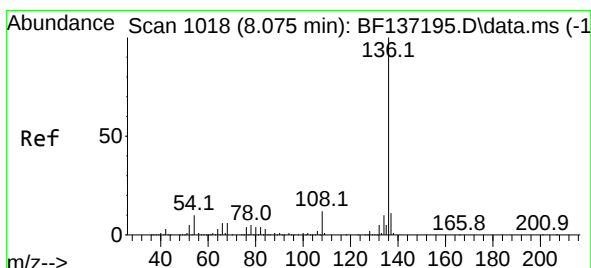
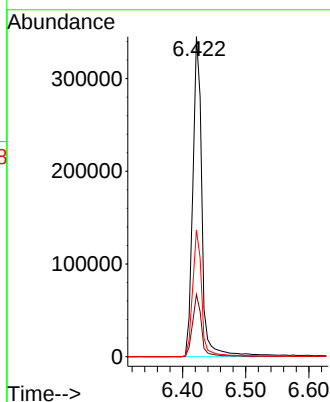
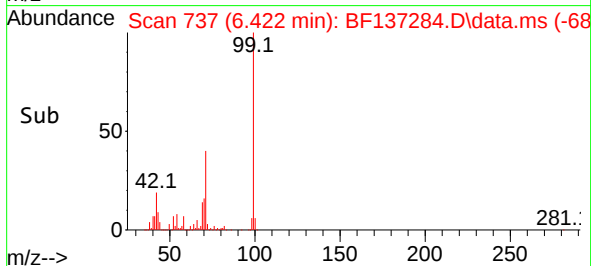
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4



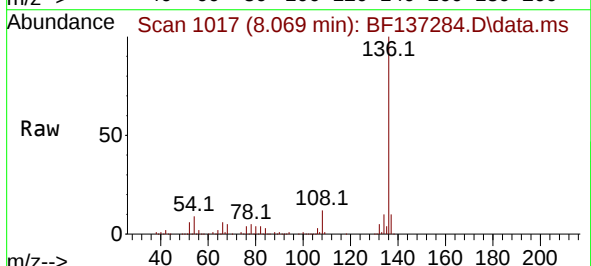
Tgt Ion: 99 Resp: 34996
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 39.6 32.4 48.6

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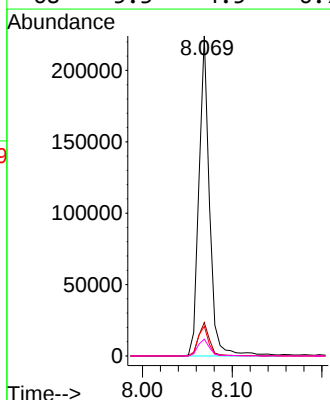
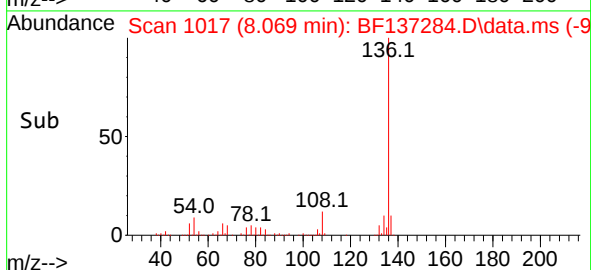
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19



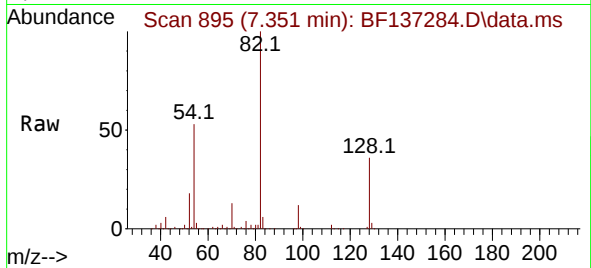
Tgt Ion:136 Resp: 183564
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.2 7.8 11.8
68 5.3 4.5 6.7





#23
Nitrobenzene-d5
Concen: 52.653 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

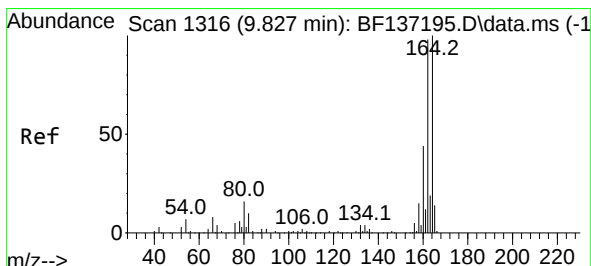
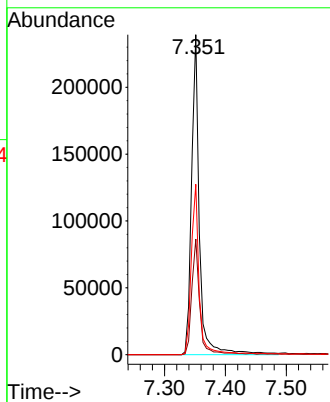
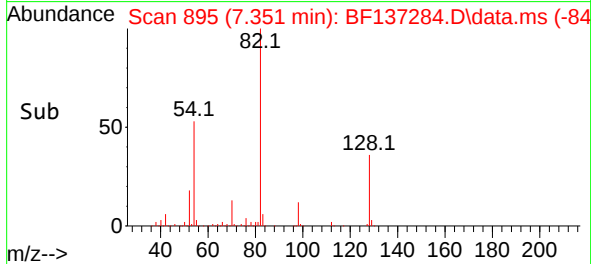
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4



Tgt Ion: 82 Resp: 215878
Ion Ratio Lower Upper
82 100
128 36.1 29.1 43.7
54 53.2 45.0 67.6

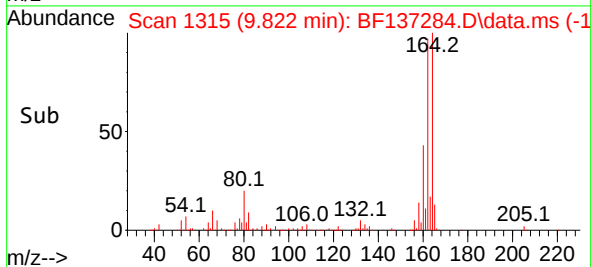
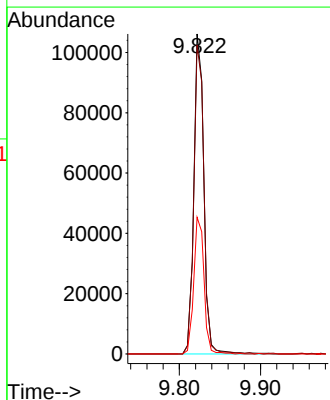
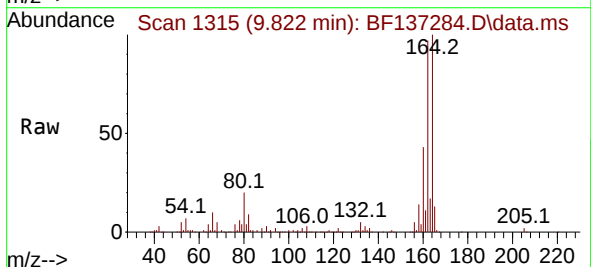
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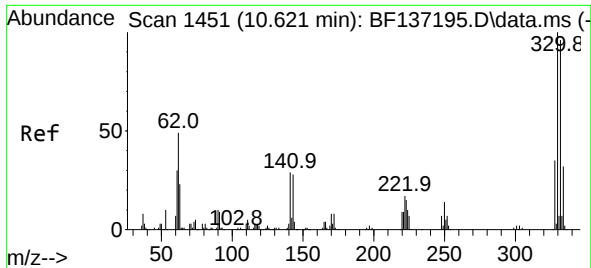
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

Tgt Ion:164 Resp: 91143
Ion Ratio Lower Upper
164 100
162 96.5 78.3 117.5
160 42.7 35.4 53.2





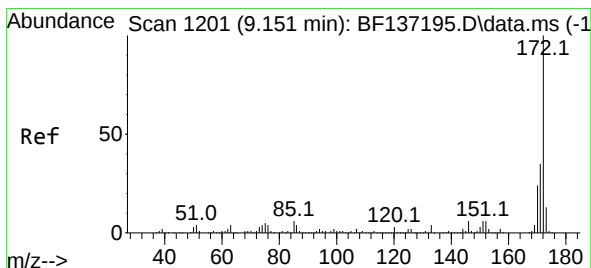
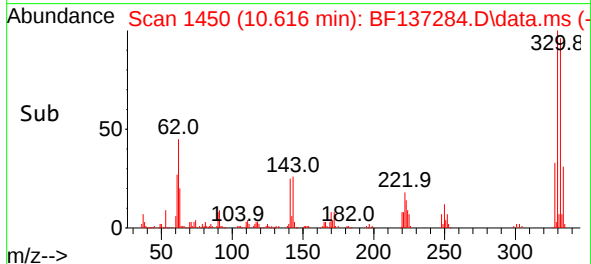
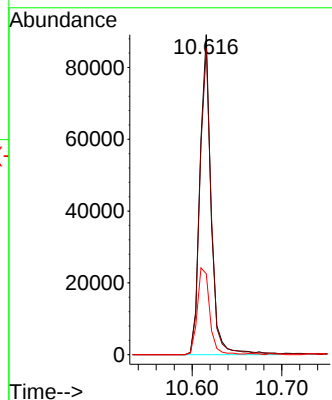
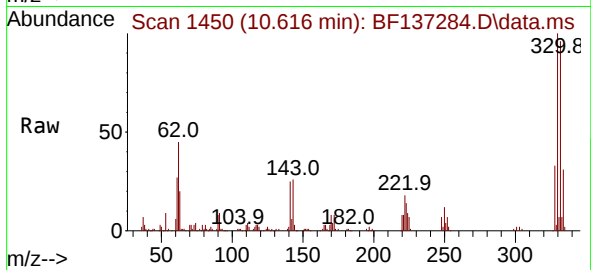
#42
2,4,6-Tribromophenol
Concen: 74.786 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

Instrument :
BNA_F
ClientSampleId :
EB-3-2-4

Tgt Ion:330 Resp: 76979
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 30.0 25.2 37.8

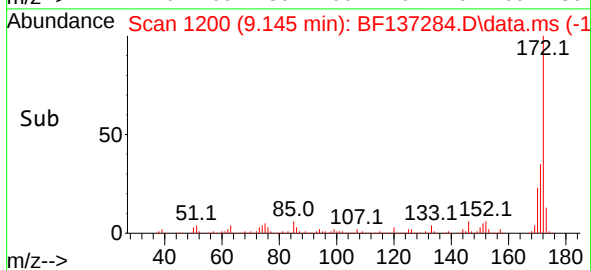
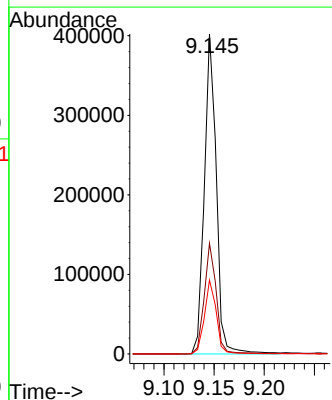
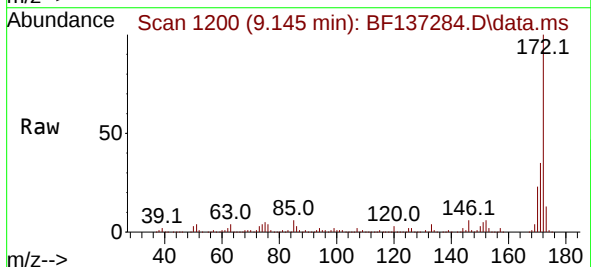
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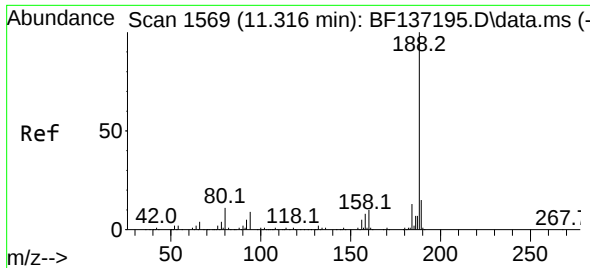
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#45
2-Fluorobiphenyl
Concen: 50.705 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

Tgt Ion:172 Resp: 336181
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.1 19.1 28.7





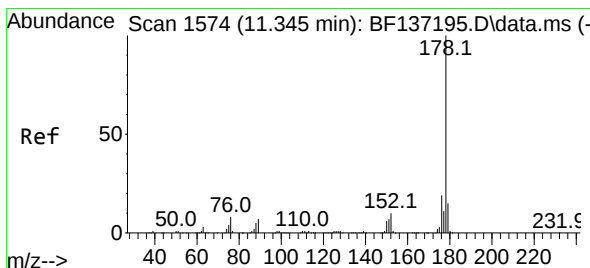
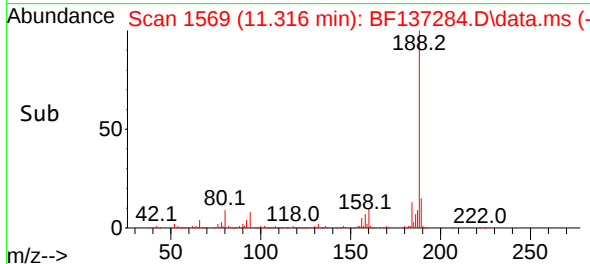
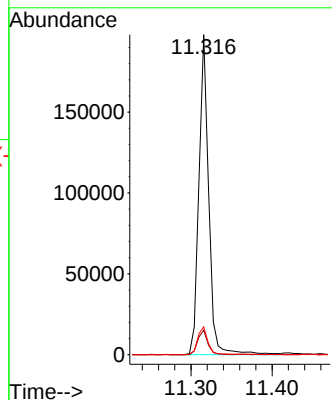
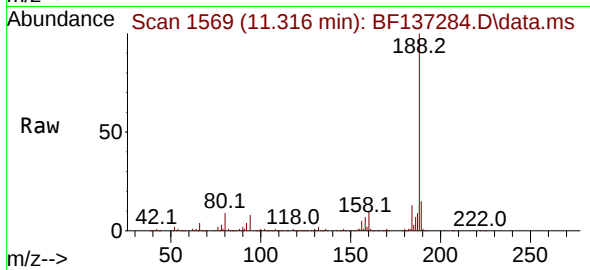
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

Instrument :
BNA_F
ClientSampleId :
EB-3-2-4

Tgt Ion:188 Resp: 16706
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.7 8.8 13.2

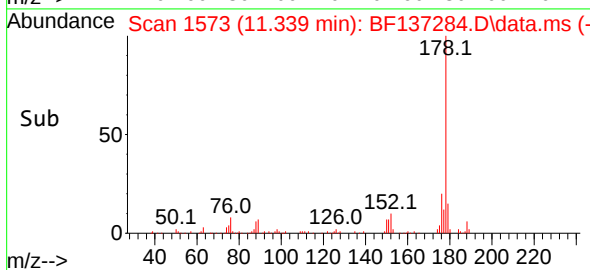
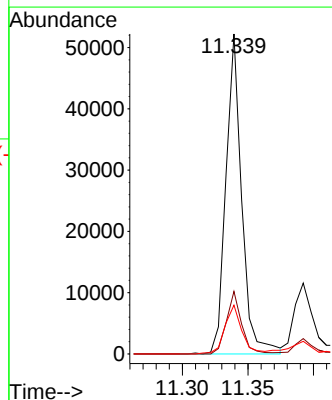
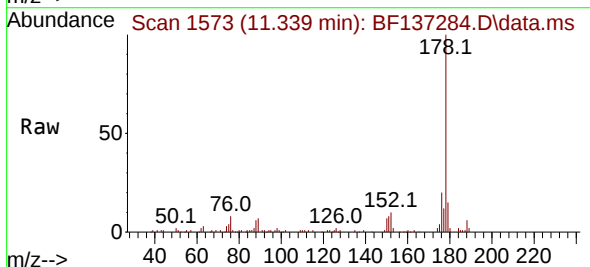
Manual Integrations
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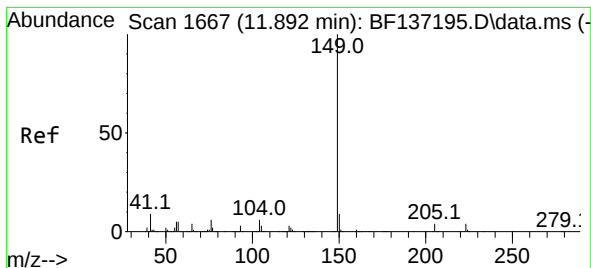
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#71
Phenanthrene
Concen: 4.991 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

Tgt Ion:178 Resp: 43656
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.3 12.1 18.1





#74

Di-n-butylphthalate

Concen: 8.946 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Instrument :

BNA_F

ClientSampleId :

EB-3-2-4

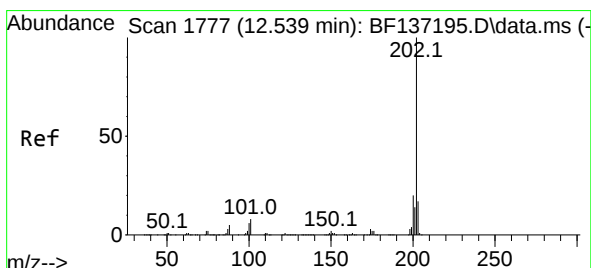
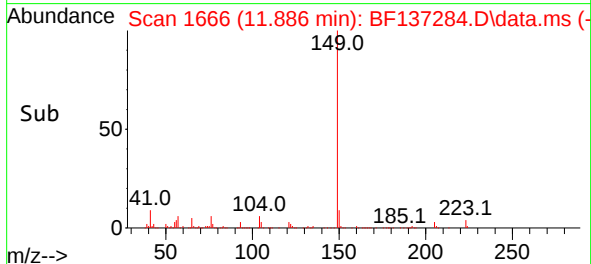
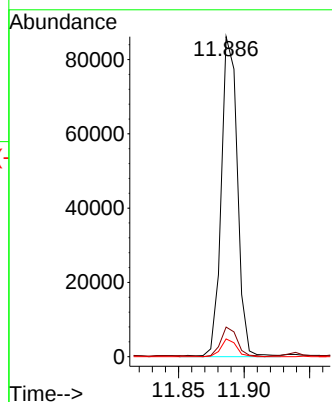
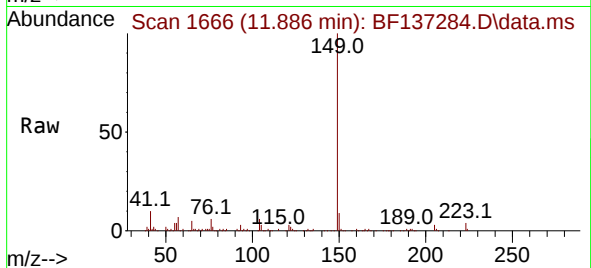
Tgt Ion:149 Resp: 7367

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.6	4.5	6.7

Manual Integrations

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Supervised By :mohammad ahmed 02/07/2024



#75

Fluoranthene

Concen: 10.557 ng

RT: 12.533 min Scan# 1776

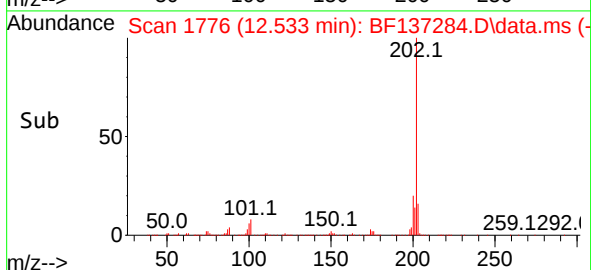
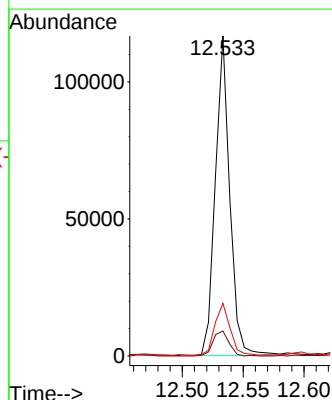
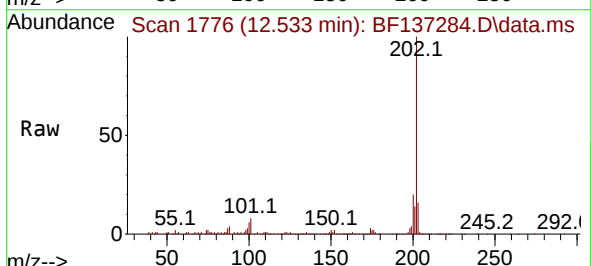
Delta R.T. -0.006 min

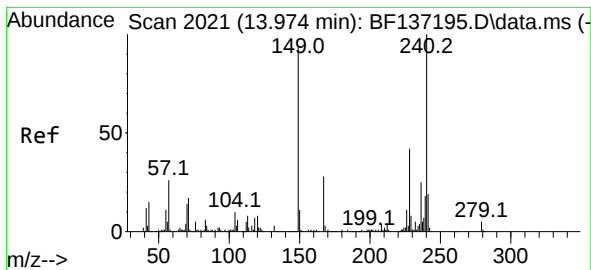
Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Tgt Ion:202 Resp: 96613

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.4
203	16.4	0.0	37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Instrument :

BNA_F

ClientSampleId :

EB-3-2-4

Tgt Ion:240 Resp: 10984

Ion Ratio Lower Upper

240 100

120 7.9 6.3 9.5

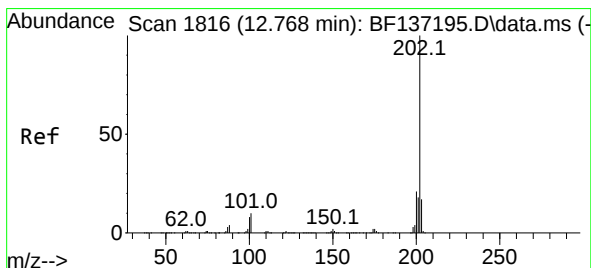
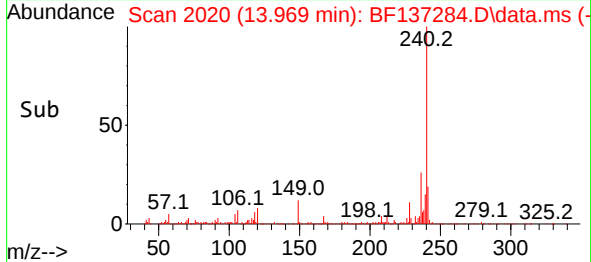
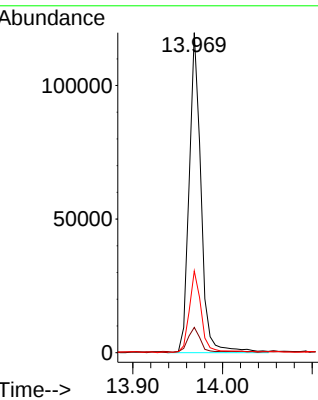
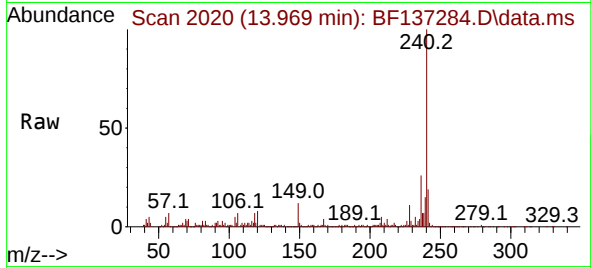
236 25.5 20.3 30.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/06/2024

Supervised By :mohammad ahmed 02/07/2024



#78

Pyrene

Concen: 8.319 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

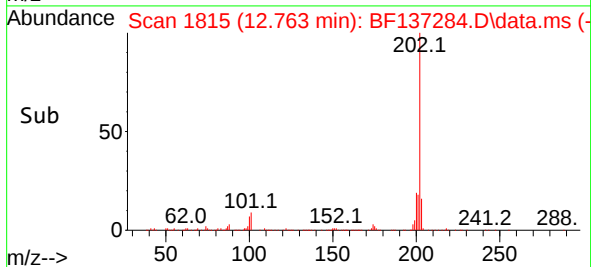
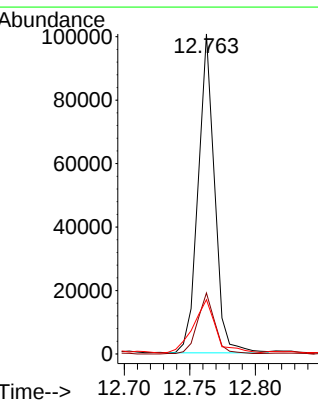
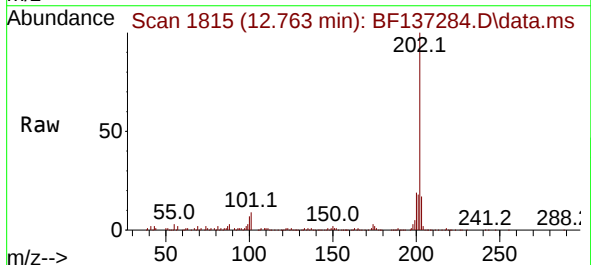
Tgt Ion:202 Resp: 87811

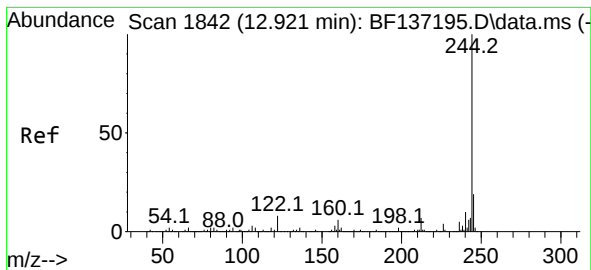
Ion Ratio Lower Upper

202 100

200 19.1 16.5 24.7

203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 46.230 ng

RT: 12.916 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Instrument :

BNA_F

ClientSampleId :

EB-3-2-4

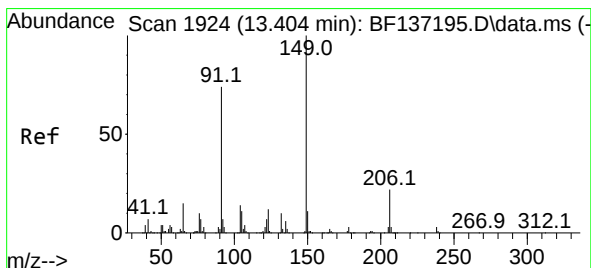
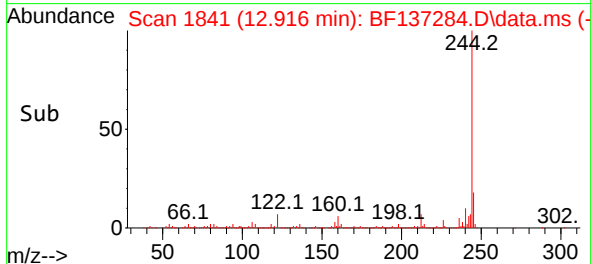
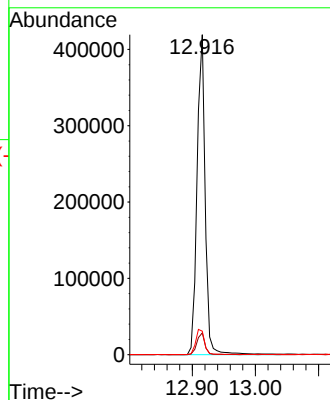
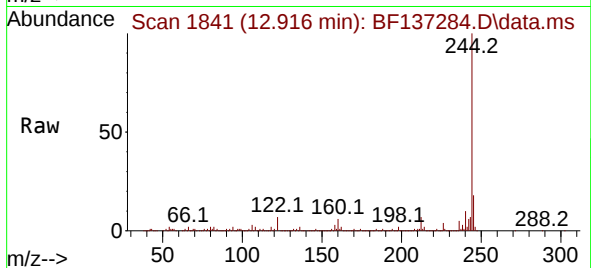
Tgt Ion:244 Resp: 37353

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	7.4	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#80

Butylbenzylphthalate

Concen: 4.208 ng

RT: 13.398 min Scan# 1923

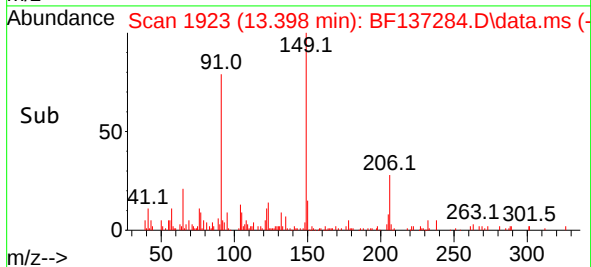
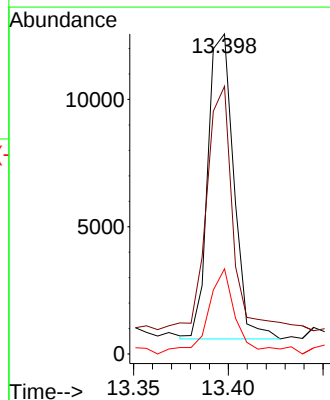
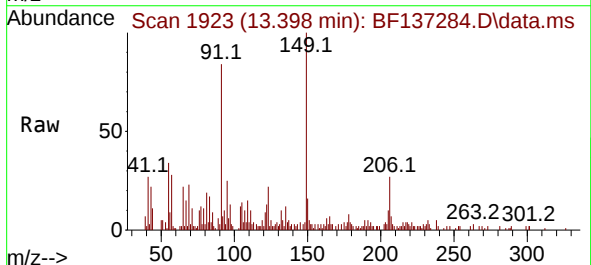
Delta R.T. -0.006 min

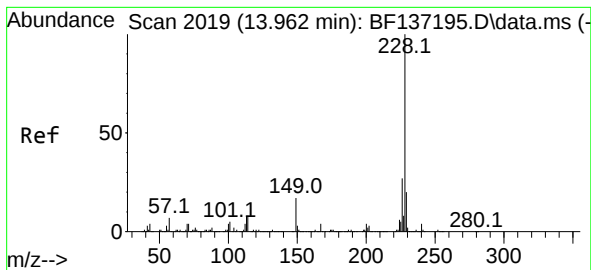
Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Tgt Ion:149 Resp: 11364

Ion	Ratio	Lower	Upper
149	100		
91	83.7	58.8	88.2
206	26.6	17.7	26.5





#81

Benzo(a)anthracene

Concen: 4.866 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Instrument :

BNA_F

ClientSampleId :

EB-3-2-4

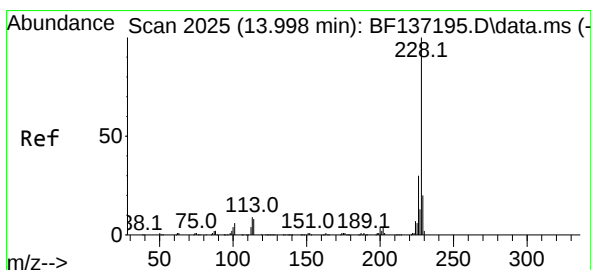
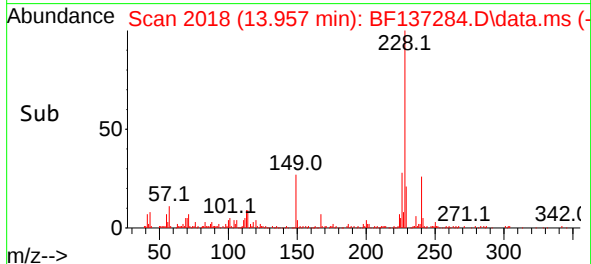
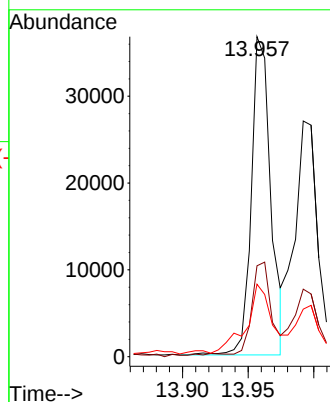
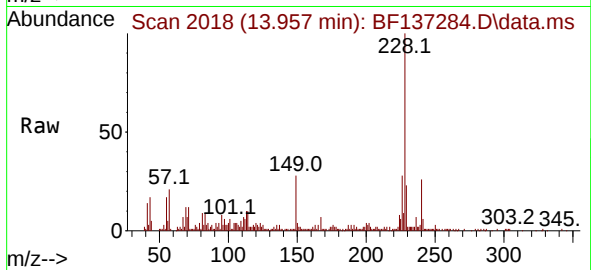
Tgt Ion:228 Resp: 37850

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.6	32.4
229	22.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#83

Chrysene

Concen: 4.445 ng

RT: 13.992 min Scan# 2024

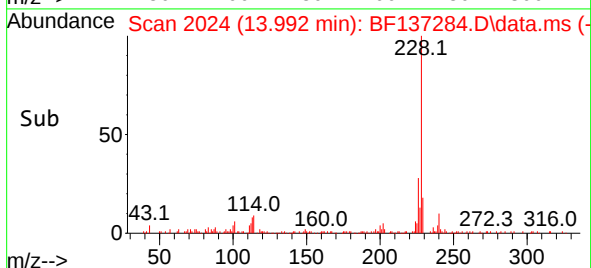
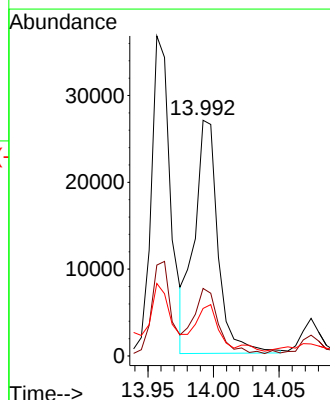
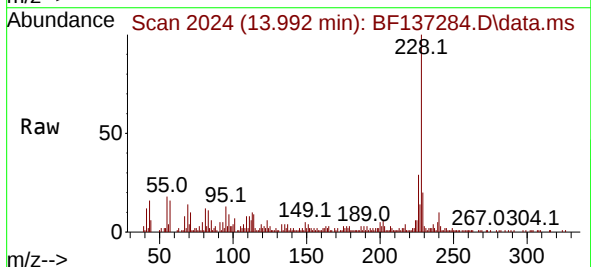
Delta R.T. -0.006 min

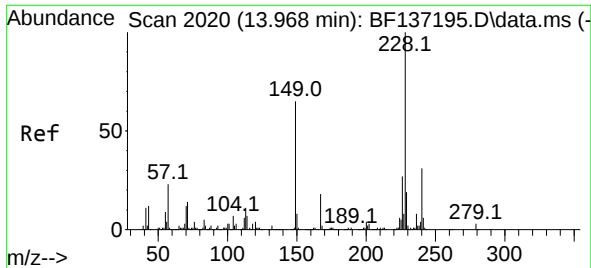
Lab File: BF137284.D

Acq: 05 Feb 2024 19:19

Tgt Ion:228 Resp: 33996

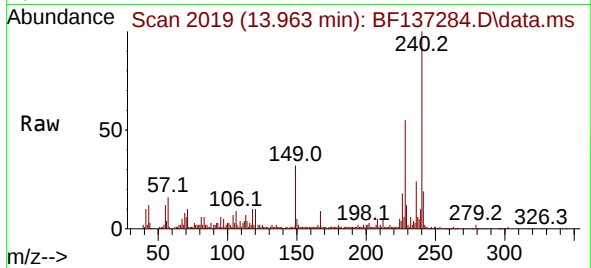
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.7	35.5
229	20.1	15.6	23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.536 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

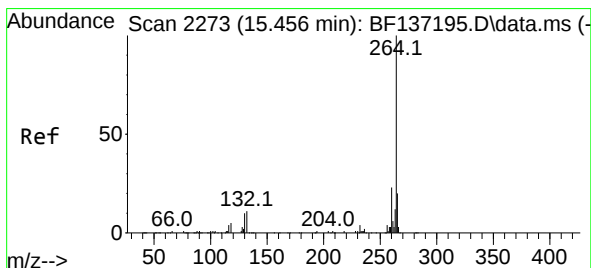
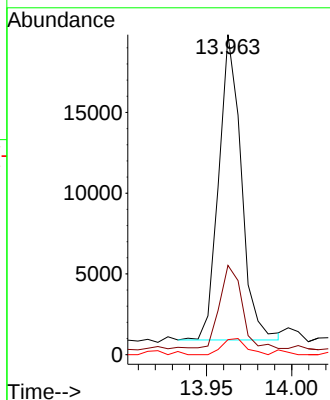
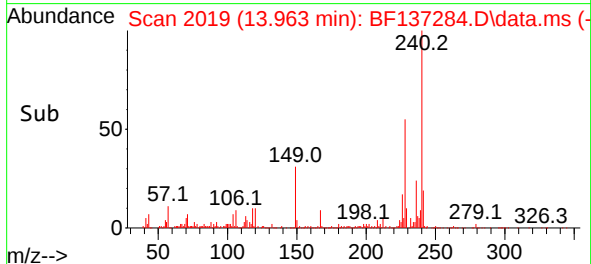
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4



Tgt Ion:149 Resp: 17392
Ion Ratio Lower Upper
149 100
167 27.9 21.7 32.5
279 4.7 3.4 5.0

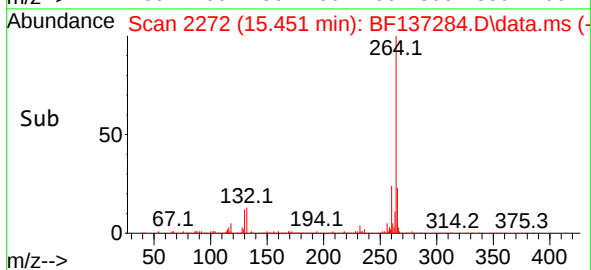
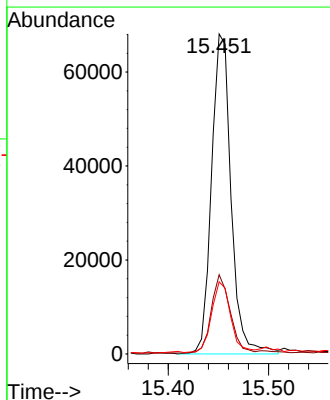
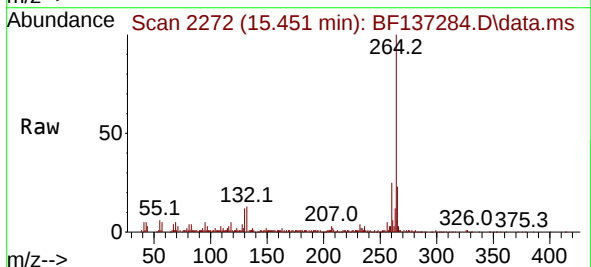
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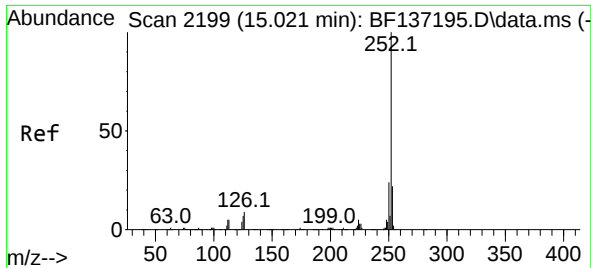
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

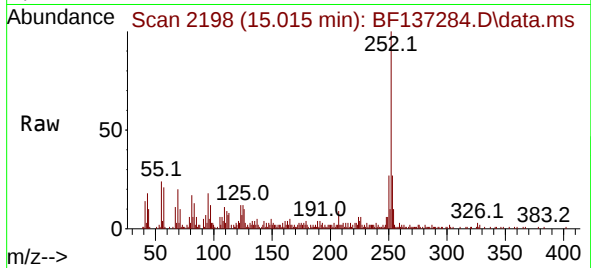
Tgt Ion:264 Resp: 92284
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.4
265 22.6 16.2 24.2





#88
Benzo(b)fluoranthene
Concen: 6.509 ng m
RT: 15.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

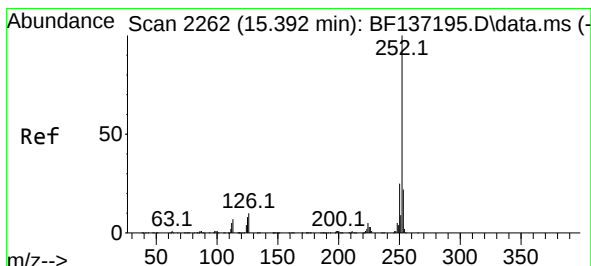
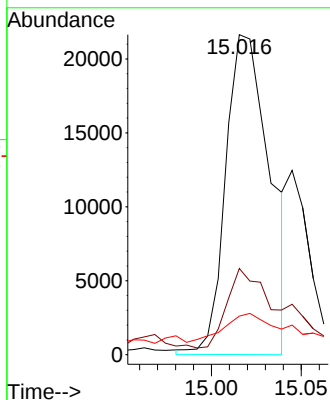
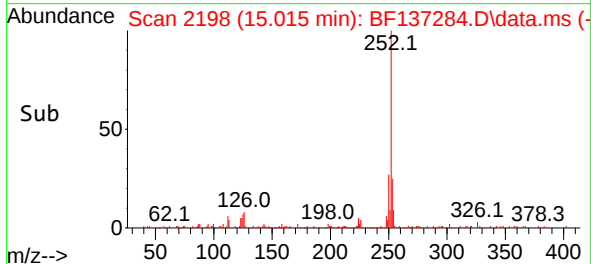
Instrument :
BNA_F
ClientSampleId :
EB-3-2-4



Tgt Ion:252 Resp: 36939
Ion Ratio Lower Upper
252 100
253 27.0 17.9 26.9
125 12.1 5.4 8.2

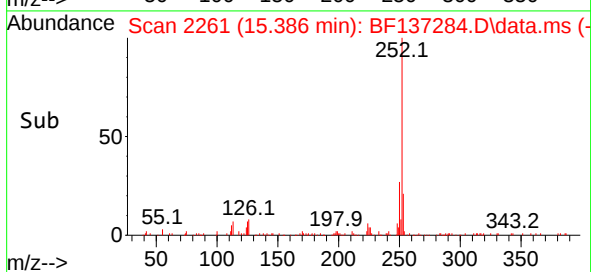
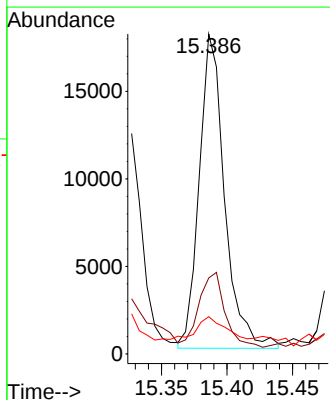
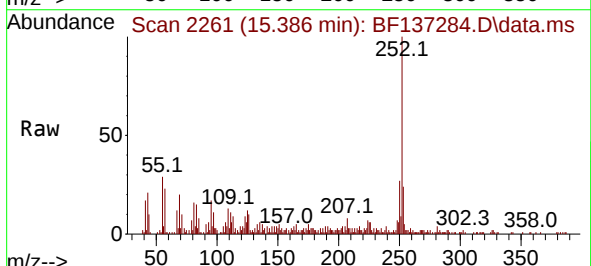
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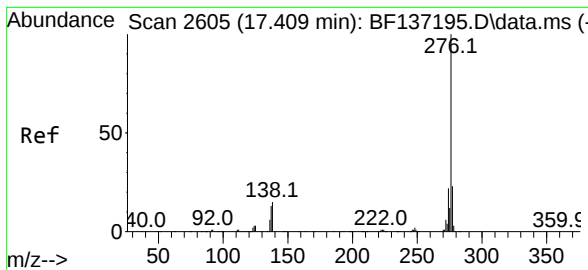
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024



#90
Benzo(a)pyrene
Concen: 4.534 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF137284.D
Acq: 05 Feb 2024 19:19

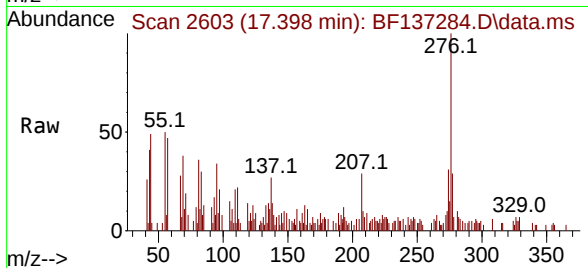
Tgt Ion:252 Resp: 24214
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 11.6 6.5 9.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.798 ng
 RT: 17.398 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137284.D
 Acq: 05 Feb 2024 19:19

Instrument :
 BNA_F
 ClientSampleId :
 EB-3-2-4



Tgt Ion:	276	Resp:	1426
Ion Ratio	Lower	Upper	
276	100		
277	29.1	18.4	27.6
138	14.0	11.8	17.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
 Supervised By :mohammad ahmed 02/07/2024

