

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130319.D
 Acq On : 19 Sep 2022 14:11
 Operator : CG\JU
 Sample : N4628-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-54

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 19 15:17:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	89582	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	342190	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	169737	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	262783	20.000	ng	0.00
76) Chrysene-d12	13.798	240	151014	20.000	ng	0.00
86) Perylene-d12	15.186	264	180857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	363419	70.364	ng	0.00
7) Phenol-d6	6.292	99	279652	43.274	ng	0.00
23) Nitrobenzene-d5	7.228	82	640774	95.667	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	283178	174.113	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1108239	95.077	ng	0.00
79) Terphenyl-d14	12.757	244	959709	105.272	ng	0.00
Target Compounds						Qvalue
73) Carbazole	11.404	167	50676	3.944	ng	94
74) Di-n-butylphthalate	11.733	149	50985	3.290	ng	# 91
75) Fluoranthene	12.363	202	47292	3.317	ng	96
78) Pyrene	12.592	202	50986m	3.859	ng	
80) Butylbenzylphthalate	13.233	149	28108	5.743	ng	93
81) Benzo(a)anthracene	13.786	228	50293	5.006	ng	98
83) Chrysene	13.821	228	44420	4.657	ng	96
84) Bis(2-ethylhexyl)phtha...	13.792	149	39803	7.100	ng	# 95

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

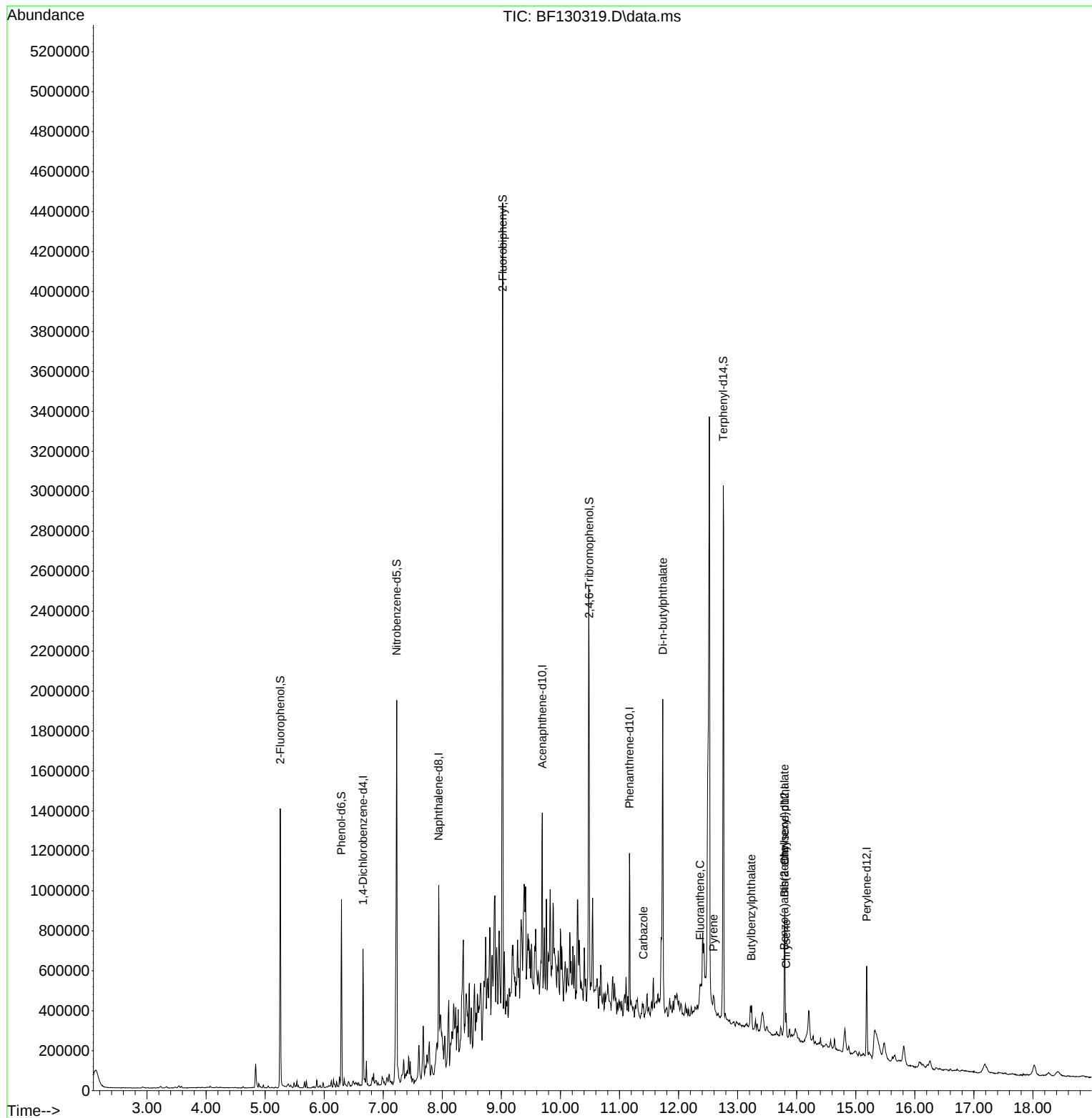
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130319.D
Acq On : 19 Sep 2022 14:11
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Misc :
ALS Vial : 7 Sample Multiplier: 1

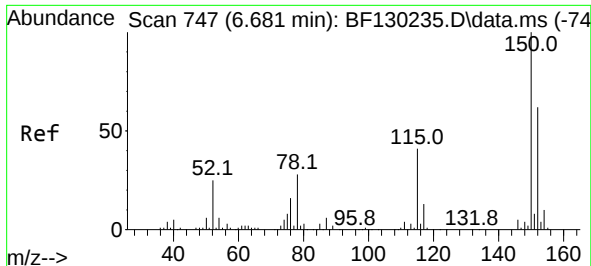
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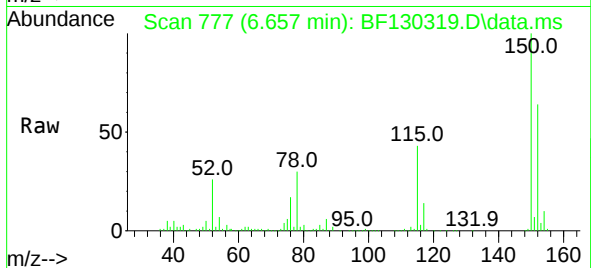
Quant Time: Sep 19 15:17:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

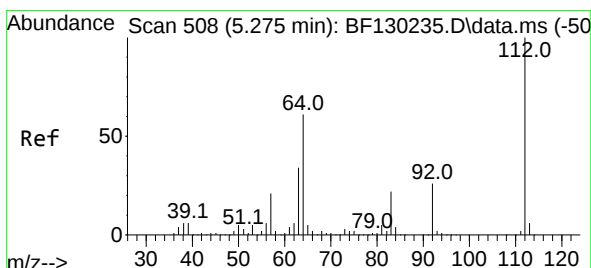
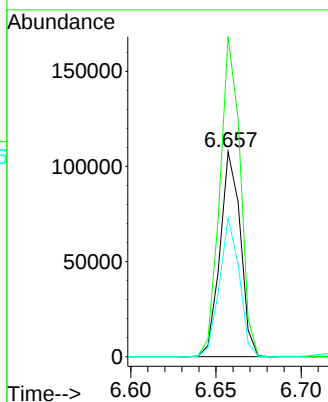
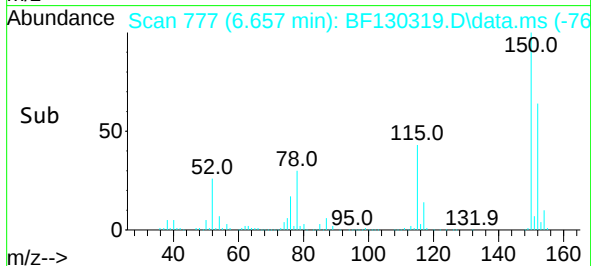
Instrument :
BNA_F
ClientSampleId :
HW-54



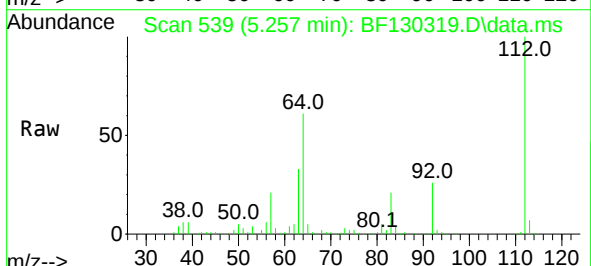
Tgt Ion:152 Resp: 8958
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 67.7 53.8 80.8

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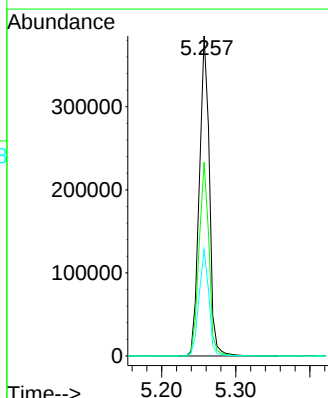
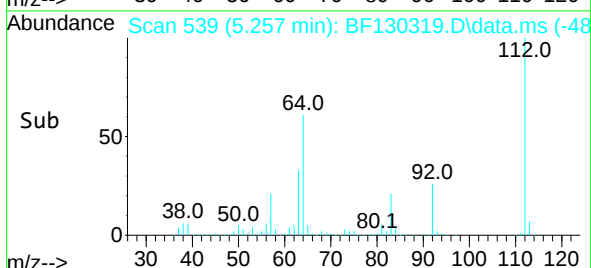
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

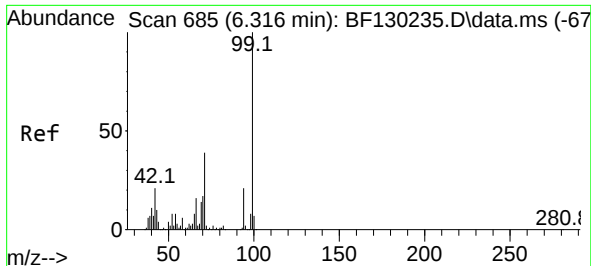


#5
2-Fluorophenol
Concen: 70.364 ng
RT: 5.257 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11



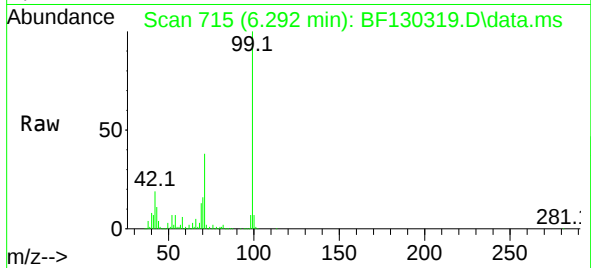
Tgt Ion:112 Resp: 363419
Ion Ratio Lower Upper
112 100
64 60.5 51.4 77.0
63 33.3 28.8 43.2





#7
Phenol-d6
Concen: 43.274 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

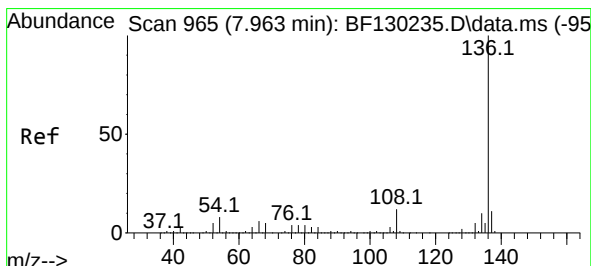
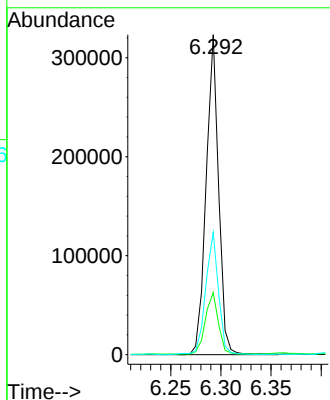
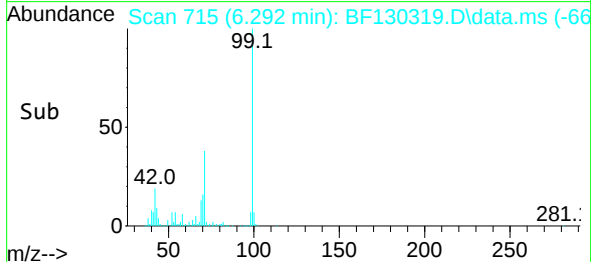
Instrument :
BNA_F
ClientSampleId :
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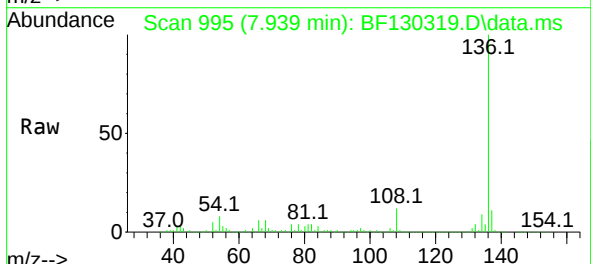
Tgt Ion: 99 Resp: 279652
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 38.2 32.3 48.5

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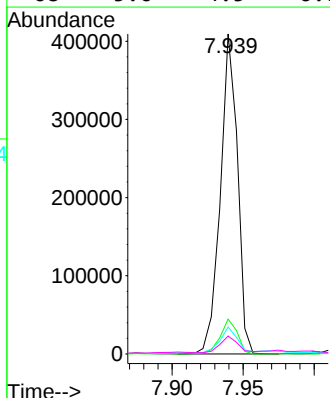
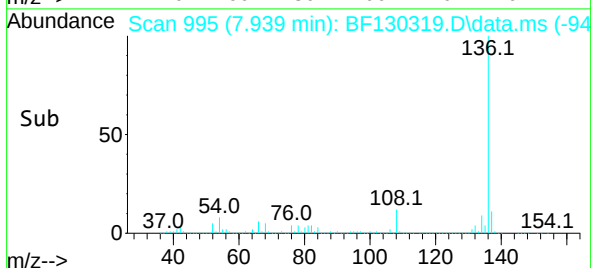
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

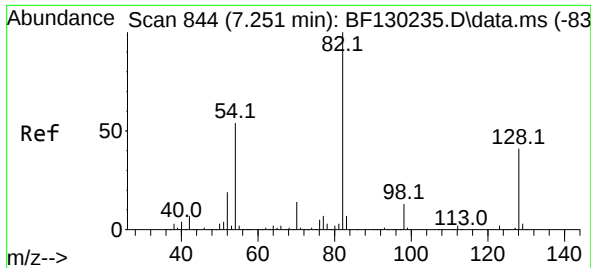


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11



Tgt Ion:136 Resp: 342190
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.4 7.1 10.7
68 5.6 4.5 6.7





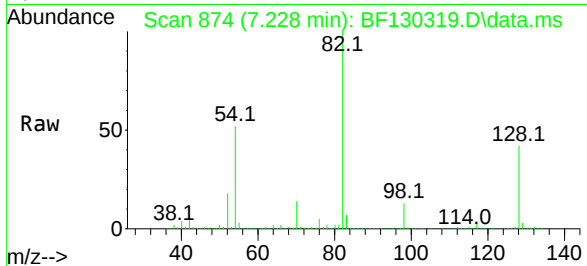
#23
Nitrobenzene-d5
Concen: 95.667 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

HW-54

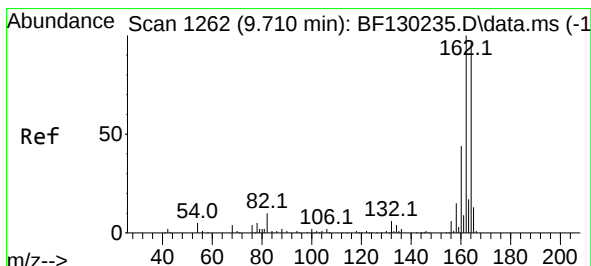
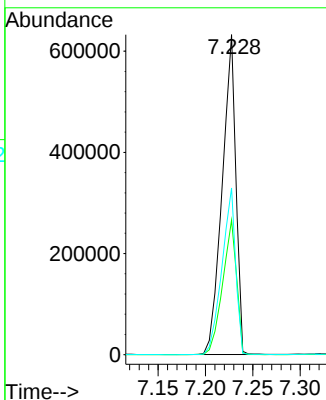
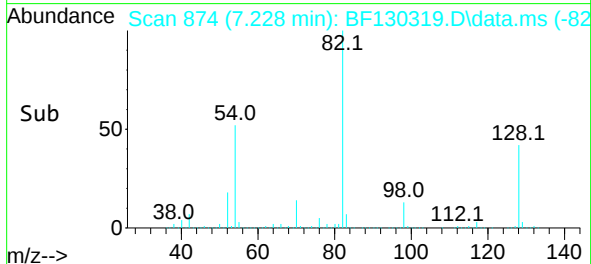


Tgt Ion: 82 Resp: 640774
Ion Ratio Lower Upper
82 100
128 42.1 32.6 49.0
54 52.1 43.8 65.6

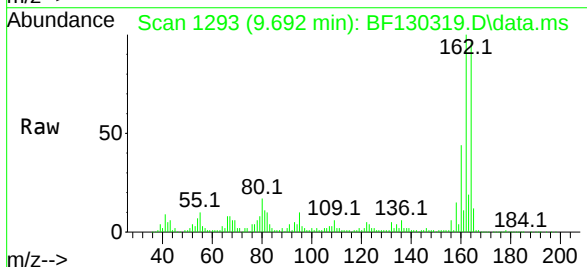
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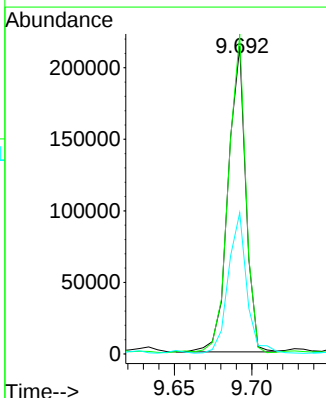
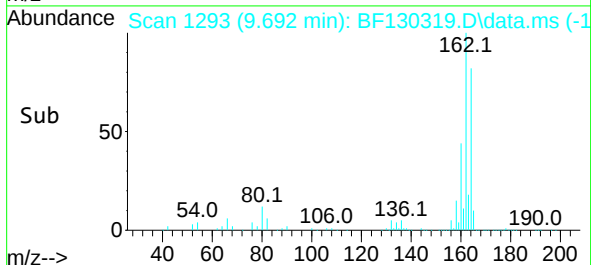
Reviewed By :Christian Giraldo 09/20/2022
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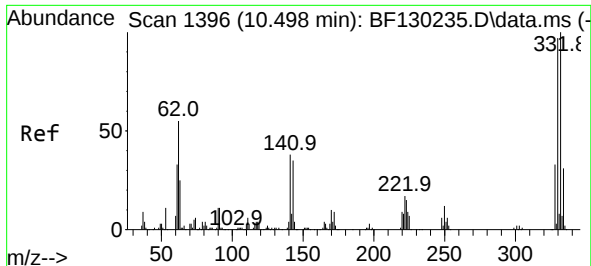


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11



Tgt Ion:164 Resp: 169737
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 174.113 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.006 min

Lab File: BF130319.D

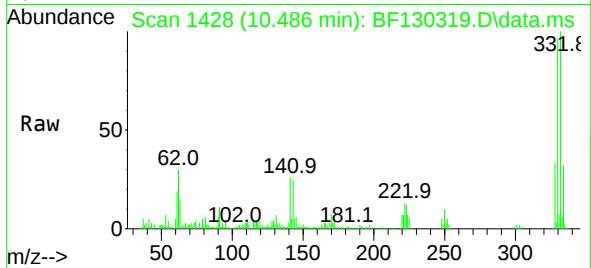
Acq: 19 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

HW-54



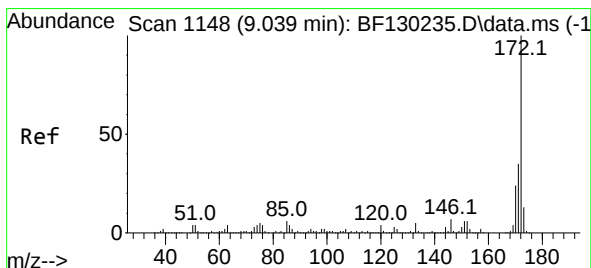
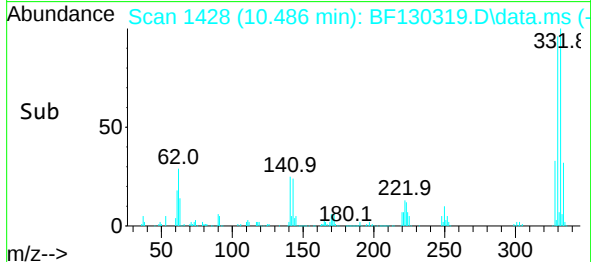
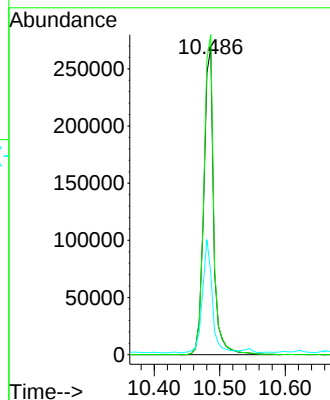
Tgt Ion:	330	Resp:	283178
Ion Ratio	Lower	Upper	
330	100		
332	103.6	83.4	125.2
141	36.3	34.0	51.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/20/2022



#45

2-Fluorobiphenyl

Concen: 95.077 ng

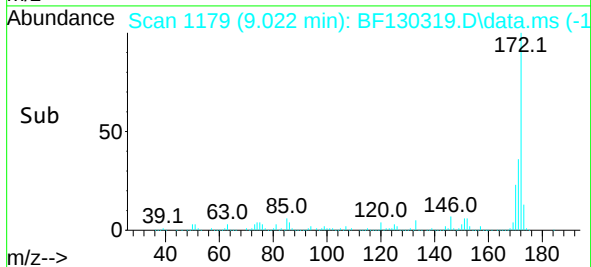
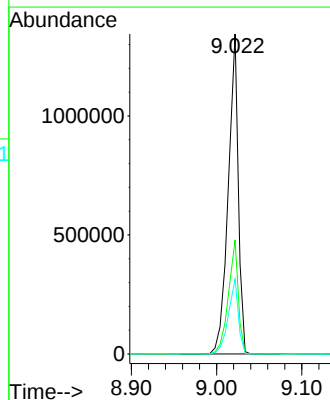
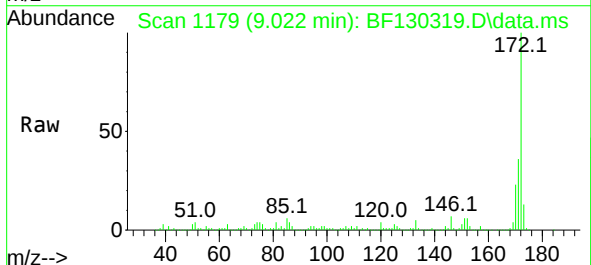
RT: 9.022 min Scan# 1179

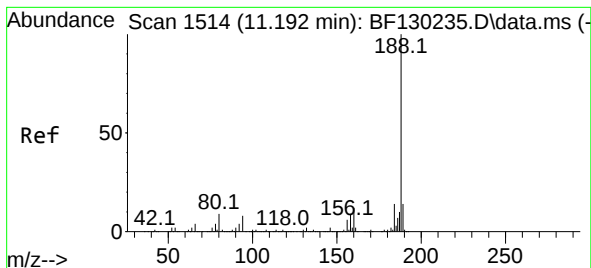
Delta R.T. -0.000 min

Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Tgt Ion:	172	Resp:	1108239
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.3	42.5
170	23.4	18.7	28.1





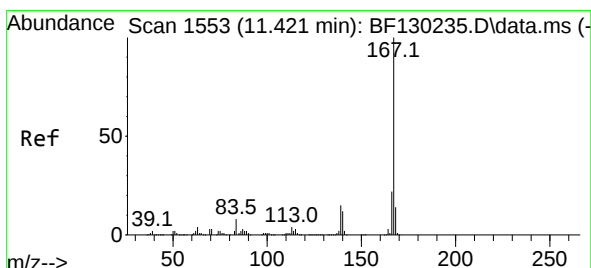
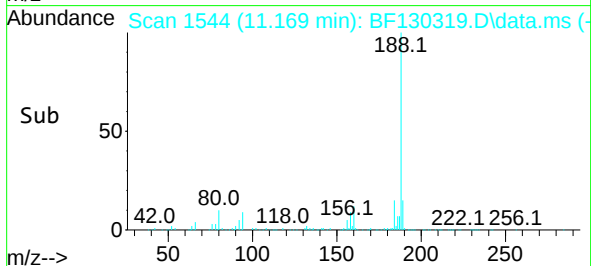
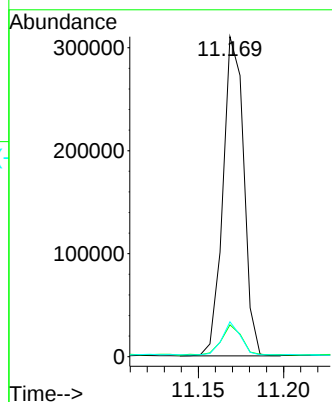
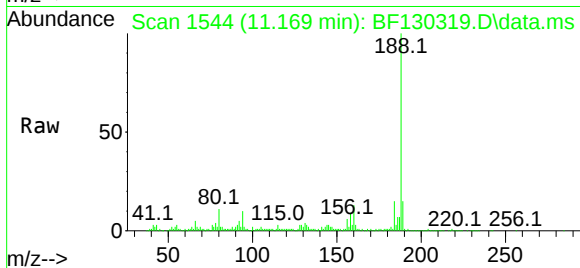
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

Instrument :
BNA_F
ClientSampleId :
HW-54

Tgt Ion:188 Resp: 26278
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 7.9 11.9

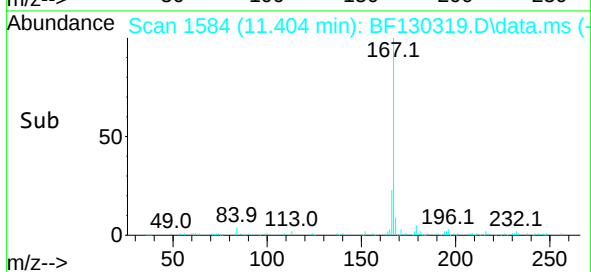
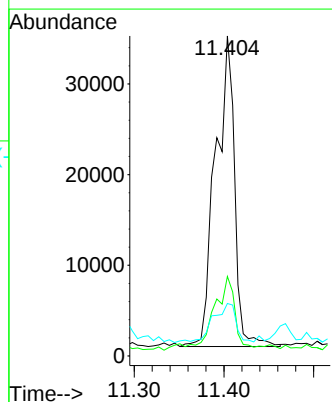
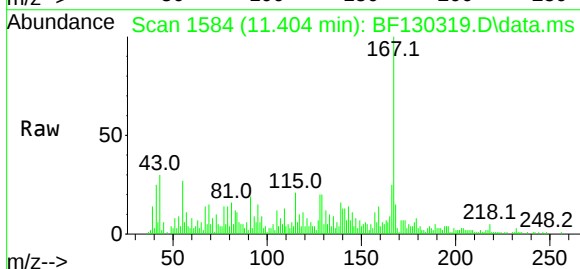
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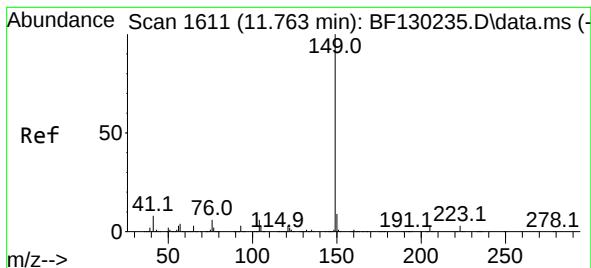
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#73
Carbazole
Concen: 3.944 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

Tgt Ion:167 Resp: 50676
Ion Ratio Lower Upper
167 100
166 24.8 17.4 26.2
139 16.4 11.6 17.4





#74

Di-n-butylphthalate

Concen: 3.290 ng

RT: 11.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

HW-54

Tgt Ion:149 Resp: 5098

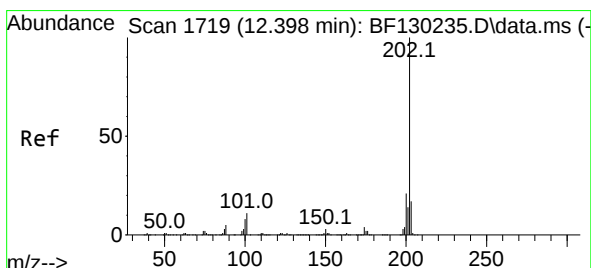
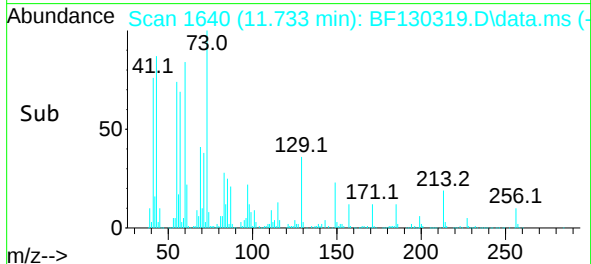
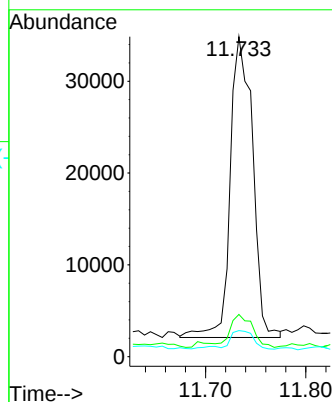
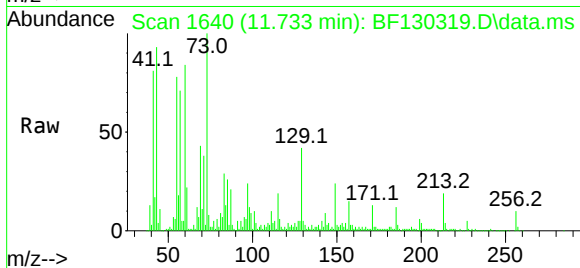
Ion	Ratio	Lower	Upper
149	100		
150	13.2	7.4	11.2
104	8.2	4.8	7.2

Manual Integrations

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#75

Fluoranthene

Concen: 3.317 ng

RT: 12.363 min Scan# 1747

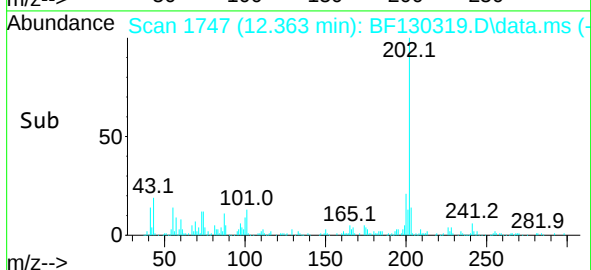
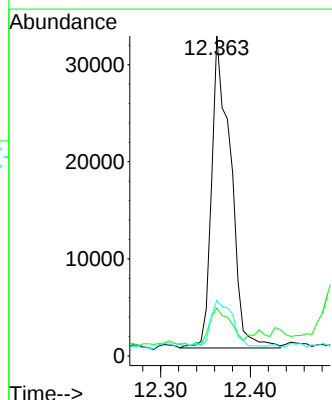
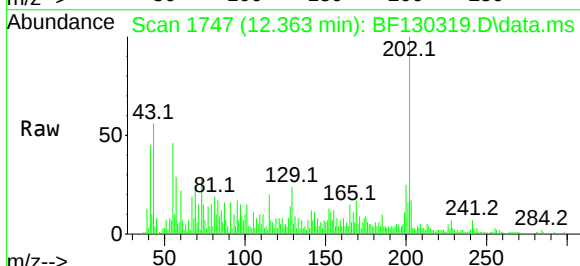
Delta R.T. -0.018 min

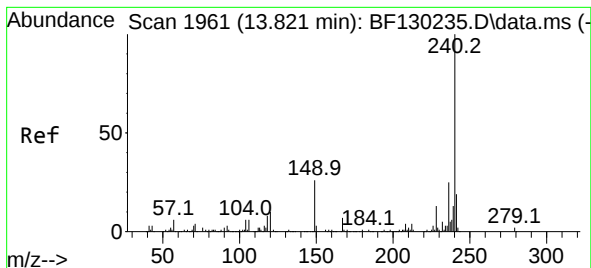
Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Tgt Ion:202 Resp: 47292

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	31.8
203	17.4	0.0	37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Instrument :

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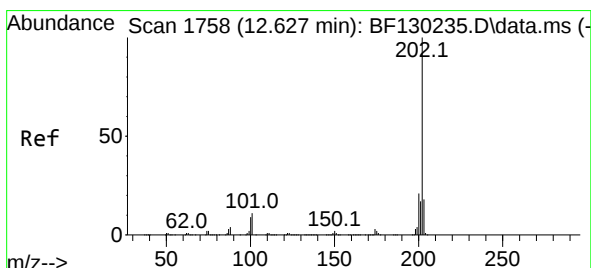
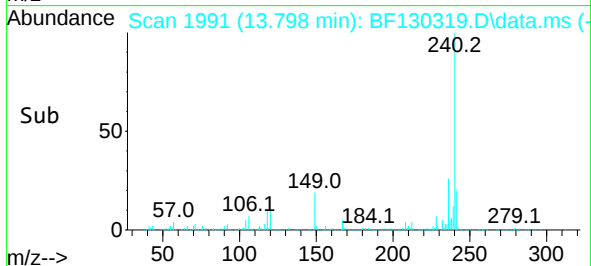
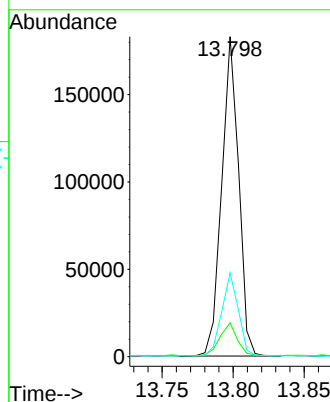
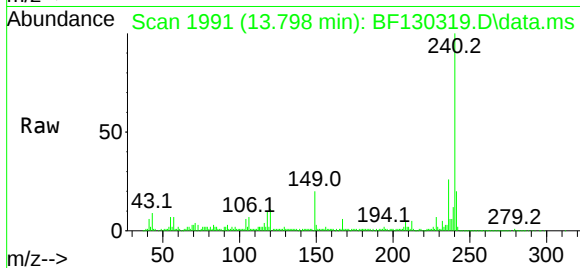
Tgt Ion:240 Resp: 151014
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.7 13.1
 236 26.2 20.9 31.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#78

Pyrene

Concen: 3.859 ng m

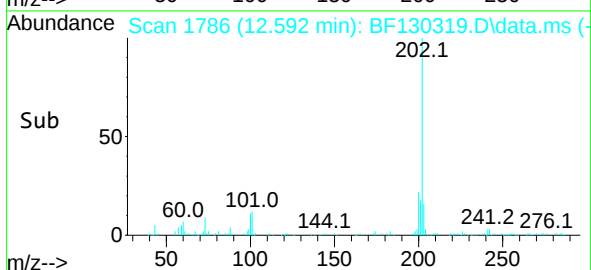
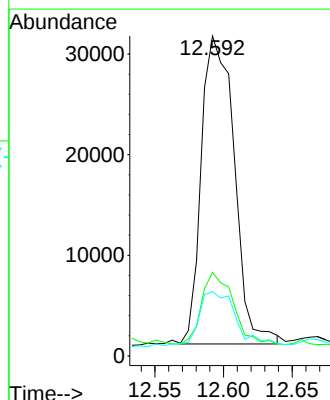
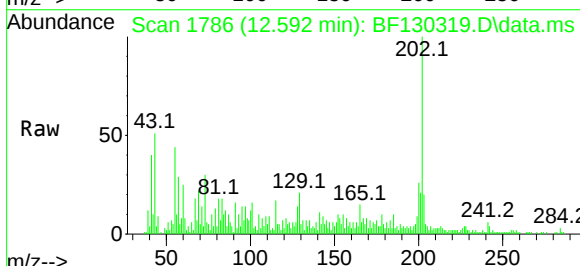
RT: 12.592 min Scan# 1786

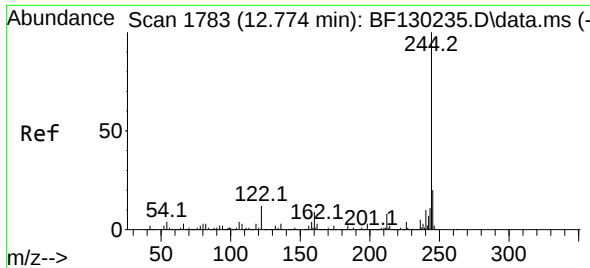
Delta R.T. -0.018 min

Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

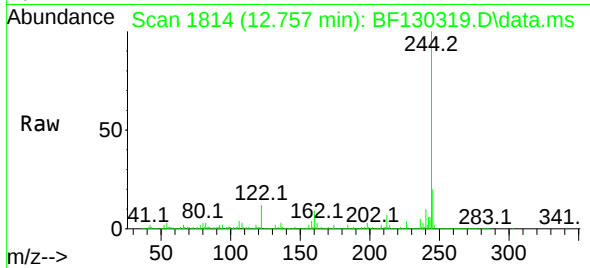
Tgt Ion:202 Resp: 50986
 Ion Ratio Lower Upper
 202 100
 200 26.2 17.2 25.8#
 203 20.2 14.3 21.5





#79
 Terphenyl-d14
 Concen: 105.272 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130319.D
 Acq: 19 Sep 2022 14:11

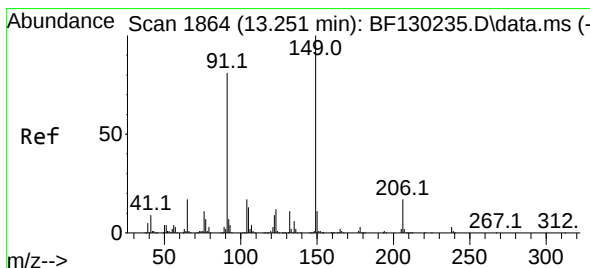
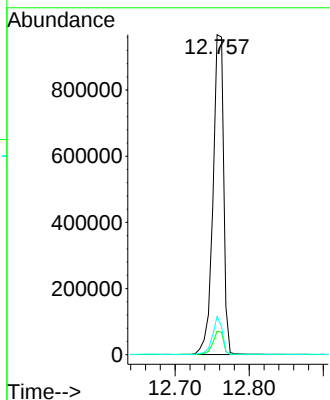
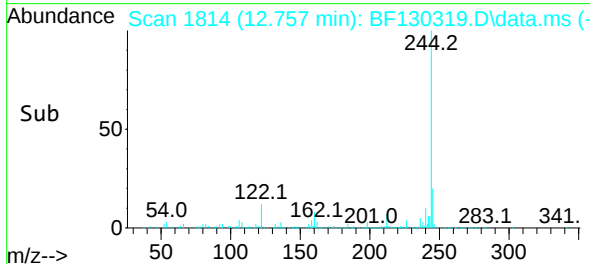
Instrument :
 BNA_F
 ClientSampleId :
 HW-54



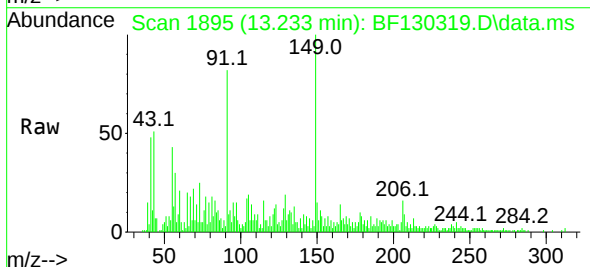
Tgt Ion:244 Resp: 959709
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.9 8.5 12.7

Manual Integrations
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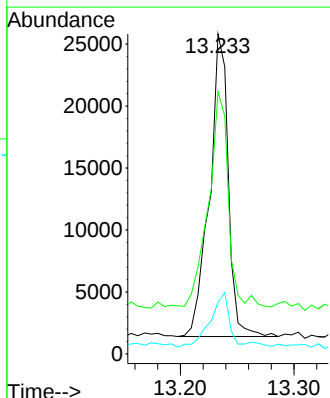
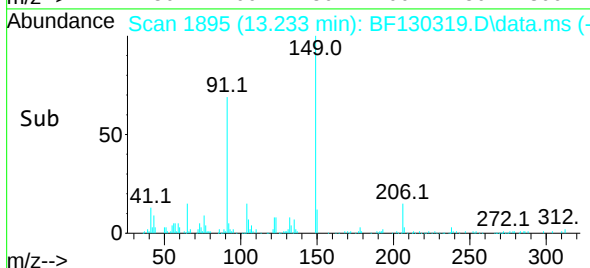
Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022

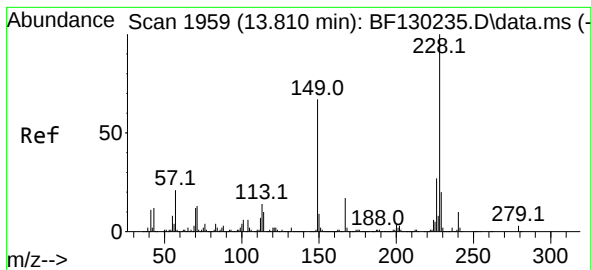


#80
 Butylbenzylphthalate
 Concen: 5.743 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF130319.D
 Acq: 19 Sep 2022 14:11



Tgt Ion:149 Resp: 28108
 Ion Ratio Lower Upper
 149 100
 91 82.0 59.8 89.8
 206 16.1 13.9 20.9





#81

Benzo(a)anthracene

Concen: 5.006 ng

RT: 13.786 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

HW-54

Tgt Ion:228 Resp: 5029

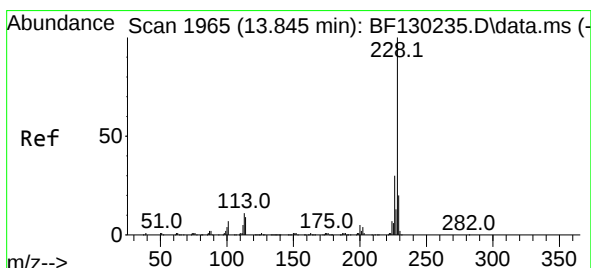
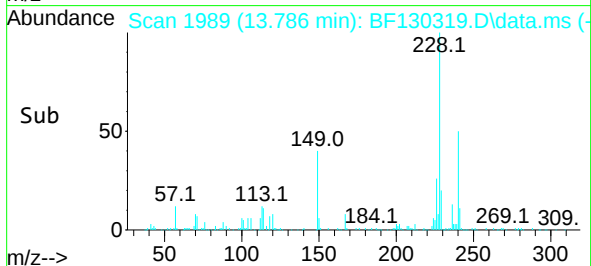
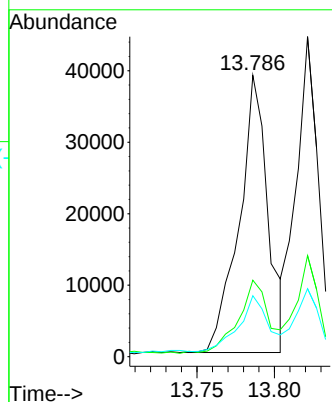
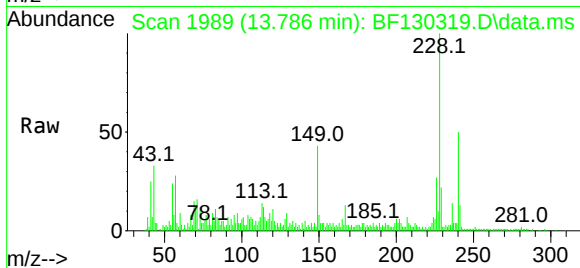
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	21.7	16.1	24.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022



#83

Chrysene

Concen: 4.657 ng

RT: 13.821 min Scan# 1995

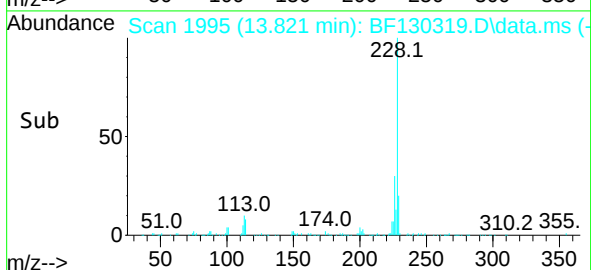
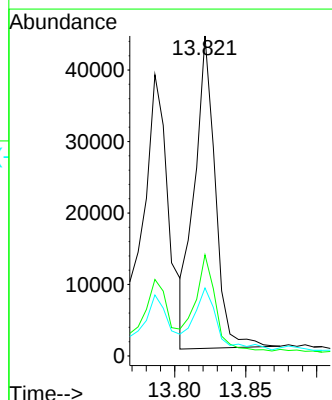
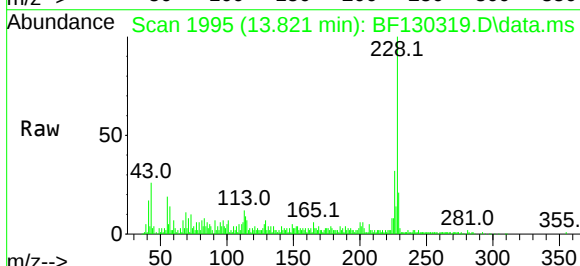
Delta R.T. -0.006 min

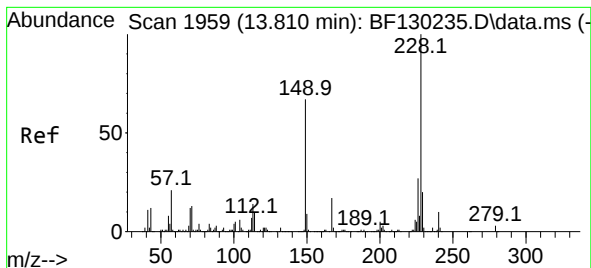
Lab File: BF130319.D

Acq: 19 Sep 2022 14:11

Tgt Ion:228 Resp: 44420

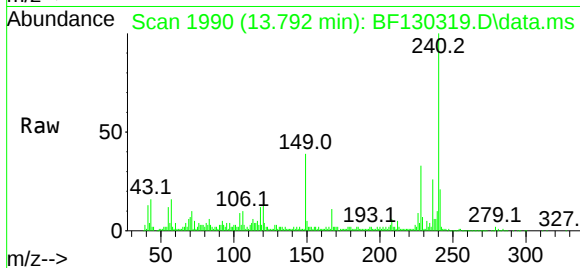
Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	21.3	15.3	22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 7.100 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

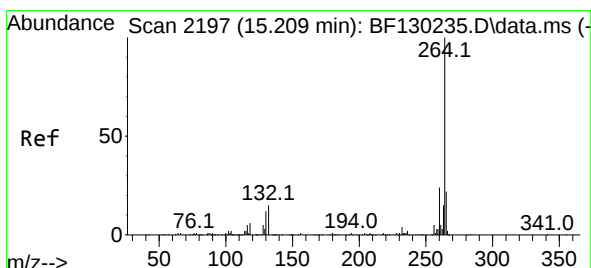
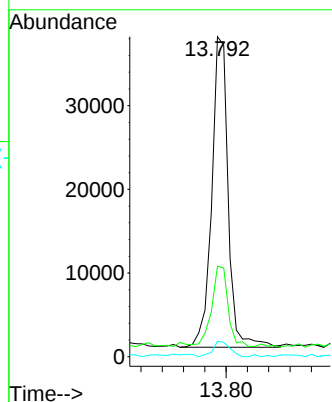
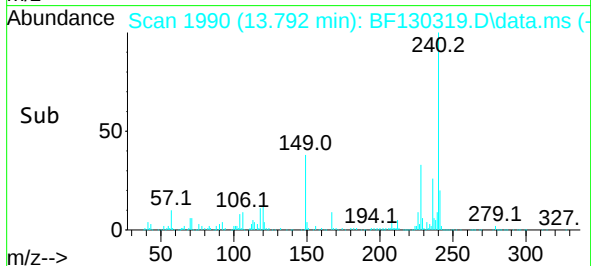
Instrument :
BNA_F
ClientSampleId :
HW-54



Tgt Ion:149 Resp: 3980
Ion Ratio Lower Upper
149 100
167 28.3 20.5 30.7
279 4.8 2.9 4.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BF130319.D
Acq: 19 Sep 2022 14:11

Tgt Ion:264 Resp: 180857
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.5 17.0 25.4

