

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130332.D
 Acq On : 19 Sep 2022 21:30
 Operator : CG\JU
 Sample : N4630-21 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17-4-5

Quant Time: Sep 20 02:29:52 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	90318	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	321837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	137143	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	198762	20.000	ng	0.00
76) Chrysene-d12	13.816	240	206706	20.000	ng	# 0.01
86) Perylene-d12	15.221	264	151903	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	81727	15.695	ng	0.00
7) Phenol-d6	6.304	99	98536	15.123	ng	0.00
23) Nitrobenzene-d5	7.222	82	60674	9.631	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	15296	11.640	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	98346	10.442	ng	0.00
79) Terphenyl-d14	12.763	244	100510	8.055	ng	0.00
Target Compounds						Qvalue
88) Benzo(b)fluoranthene	14.827	252	28216m	2.846	ng	
90) Benzo(a)pyrene	15.163	252	22576	2.874	ng	# 1

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

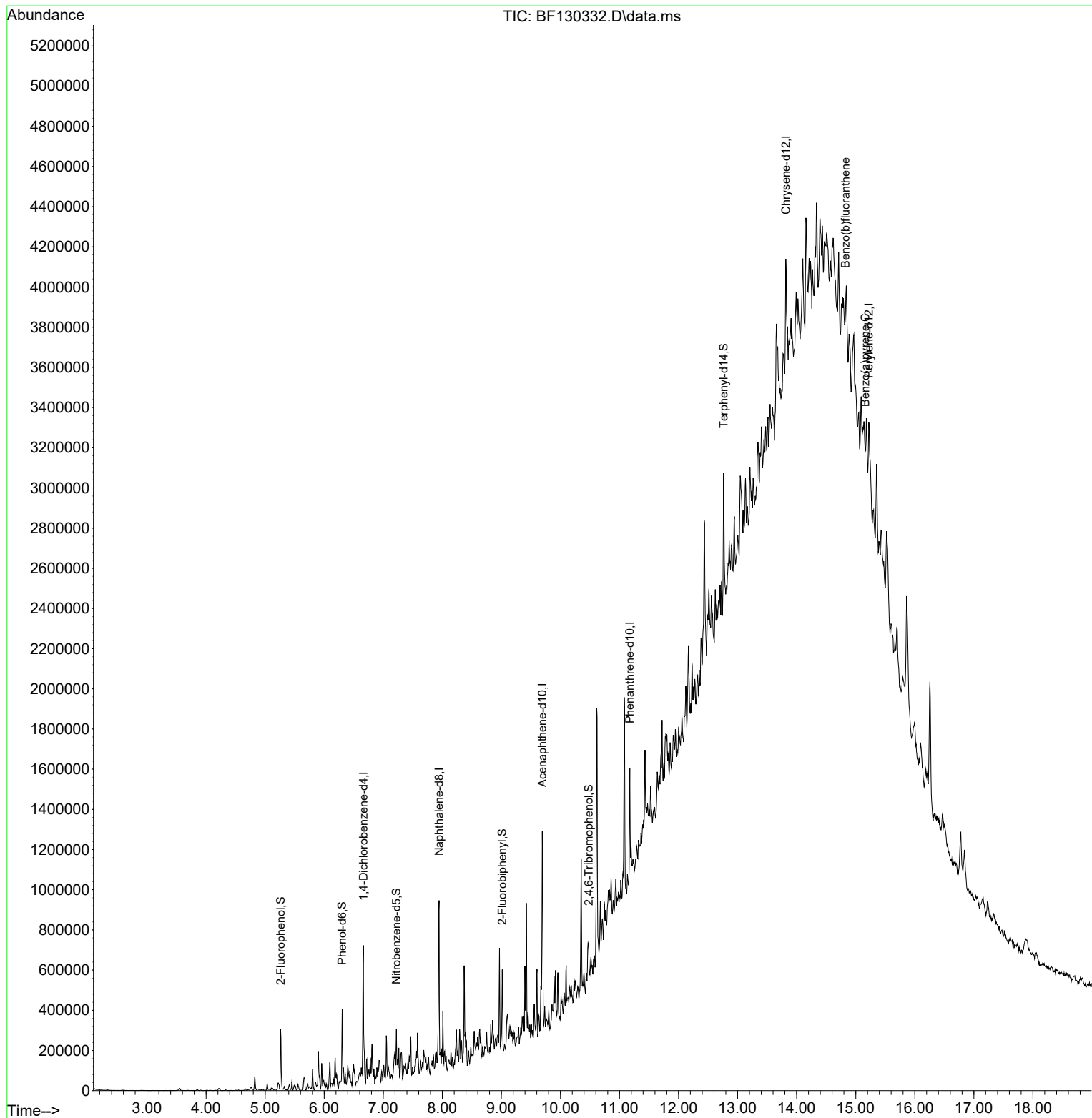
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

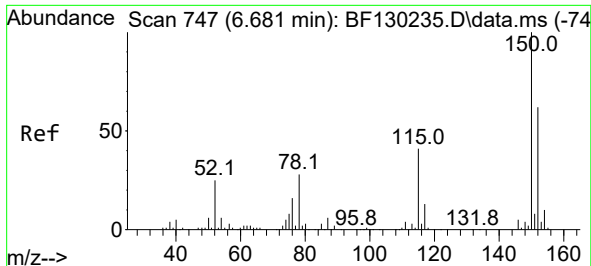
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

Quant Time: Sep 20 02:29:52 2022
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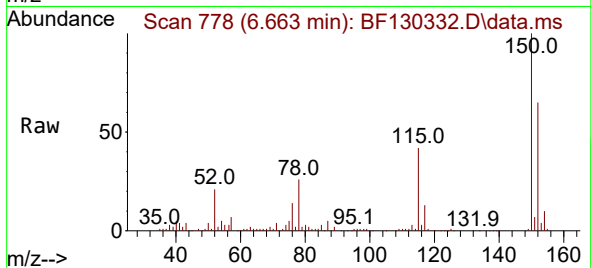
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

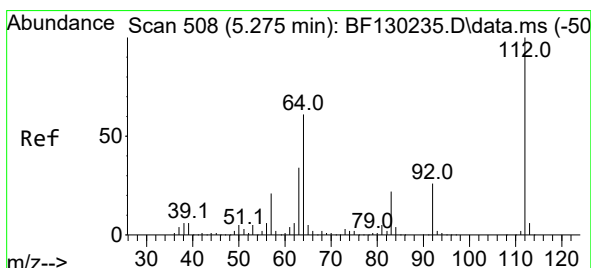
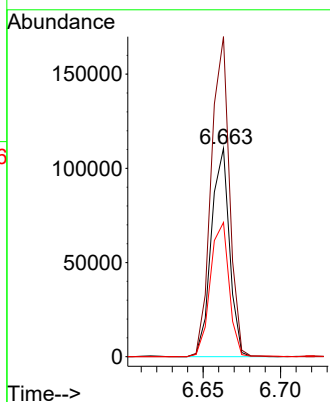
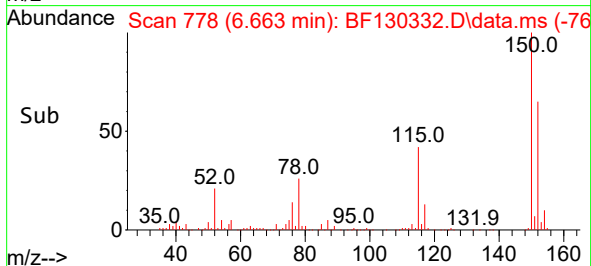
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5



Tgt Ion:152 Resp: 90318
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 64.5 53.8 80.8

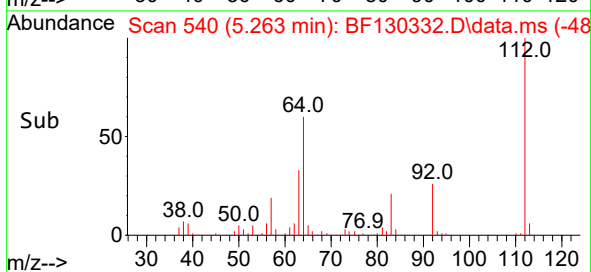
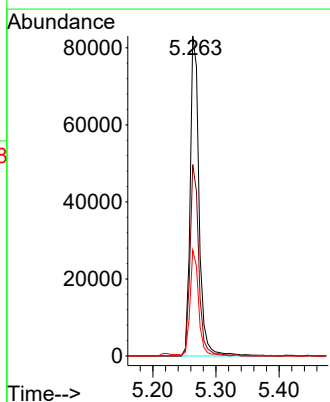
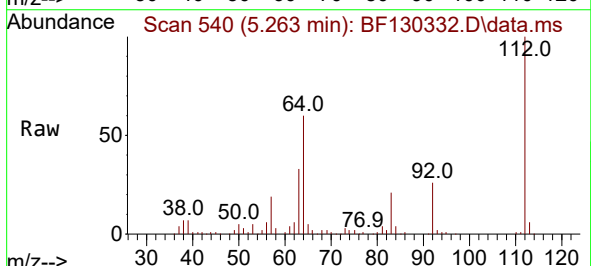
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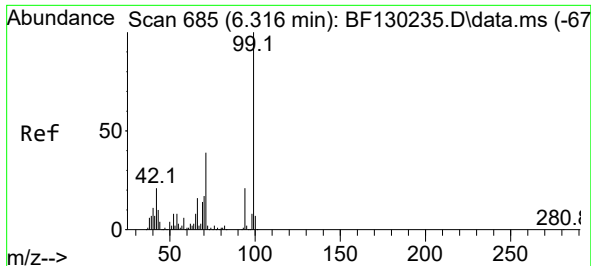
Reviewed By :Christian Giraldo 09/20/2022
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#5
2-Fluorophenol
Concen: 15.695 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

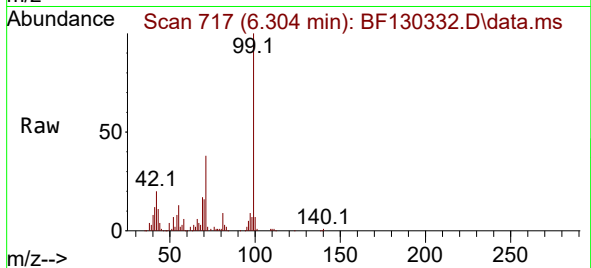
Tgt Ion:112 Resp: 81727
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 33.1 28.8 43.2





#7
Phenol-d6
Concen: 15.123 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

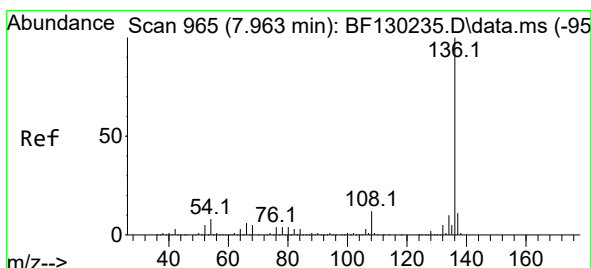
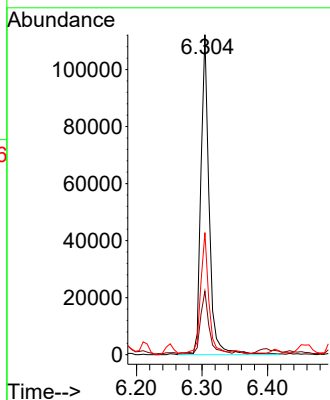
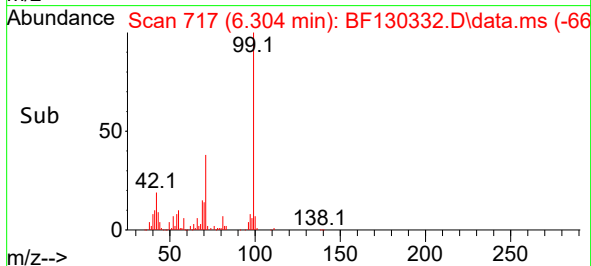
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5



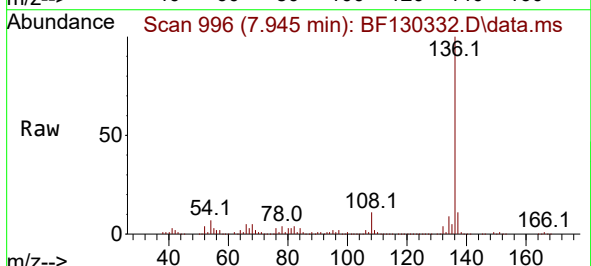
Tgt Ion: 99 Resp: 98530
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 38.1 32.3 48.5

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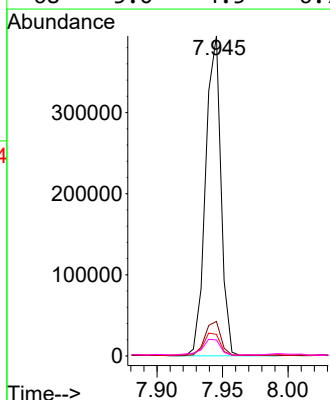
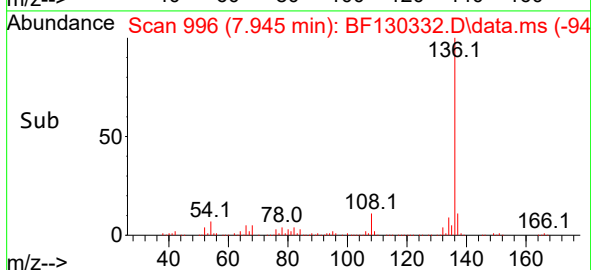
Reviewed By :Christian Giraldo 09/20/2022
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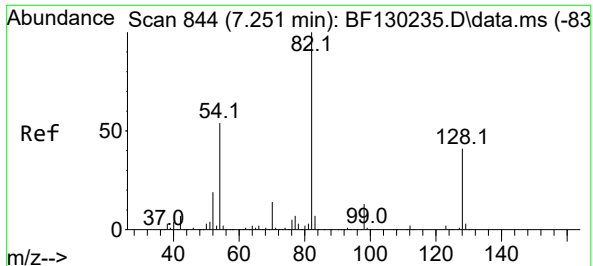


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30



Tgt Ion:136 Resp: 321837
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.7 7.1 10.7#
68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 9.631 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

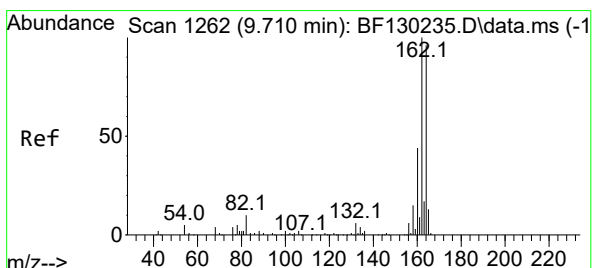
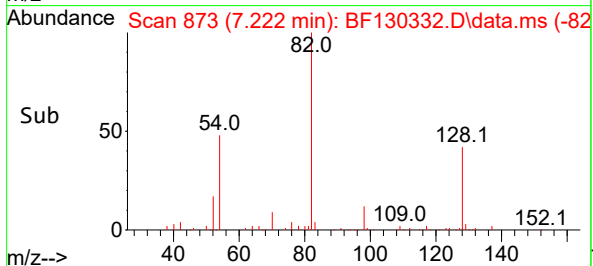
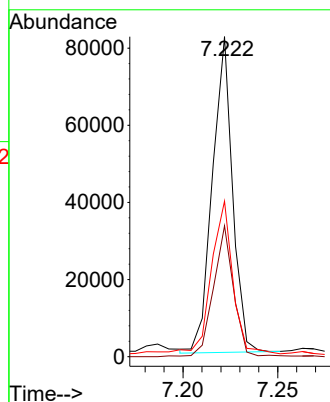
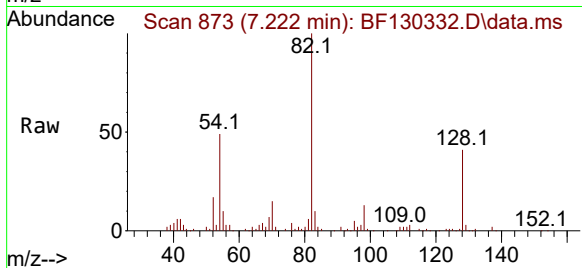
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Tgt Ion: 82	Resp: 60674
Ion Ratio	Lower Upper
82 100	
128 40.9	32.6 49.0
54 48.6	43.8 65.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

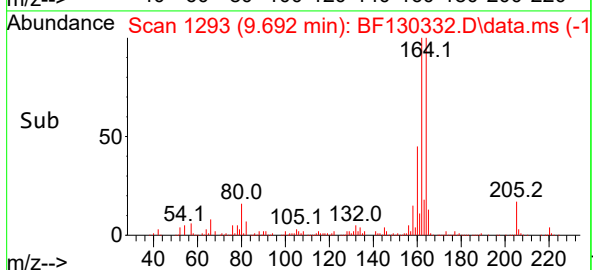
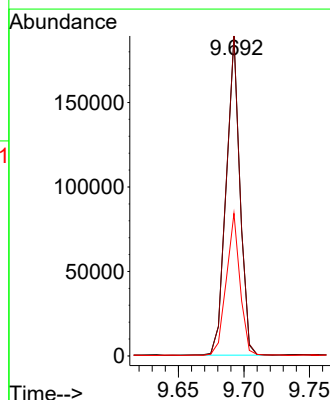
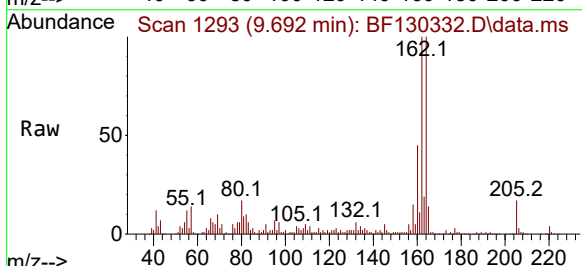
RT: 9.692 min Scan# 1293

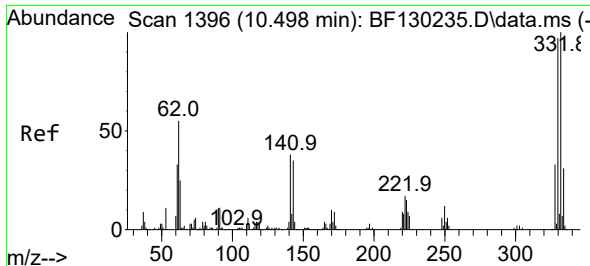
Delta R.T. 0.000 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

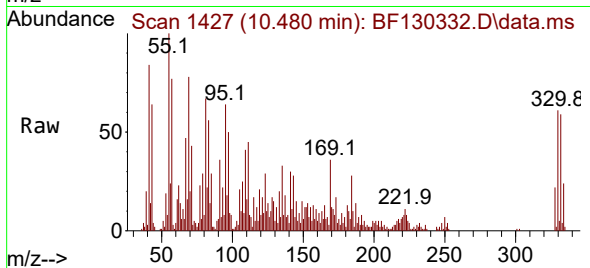
Tgt Ion:164	Resp: 137143
Ion Ratio	Lower Upper
164 100	
162 100.1	81.4 122.0
160 44.6	36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 11.640 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

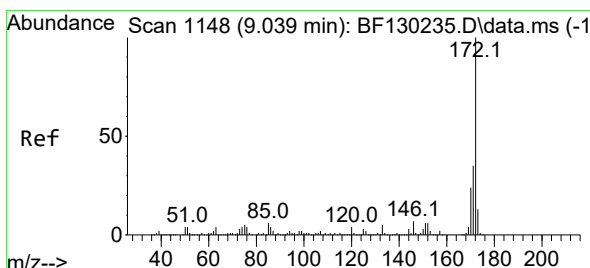
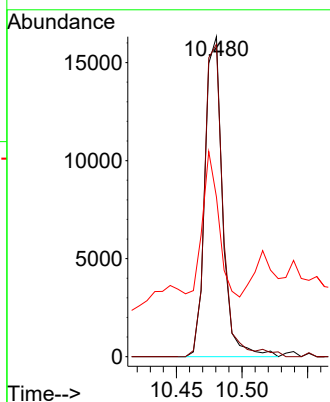
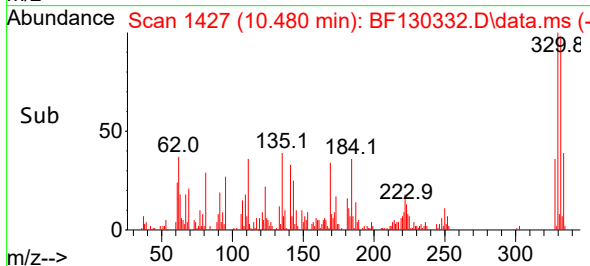
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5



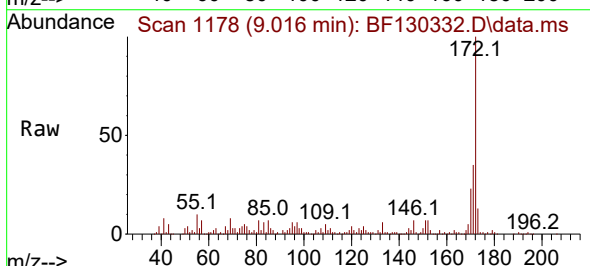
Tgt Ion: 330 Resp: 15290
Ion Ratio Lower Upper
330 100
332 101.7 83.4 125.2
141 40.7 34.0 51.0

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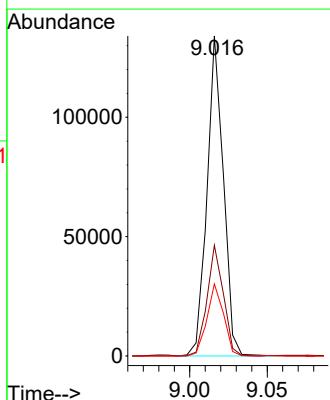
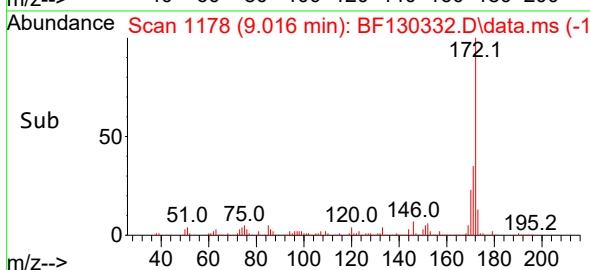
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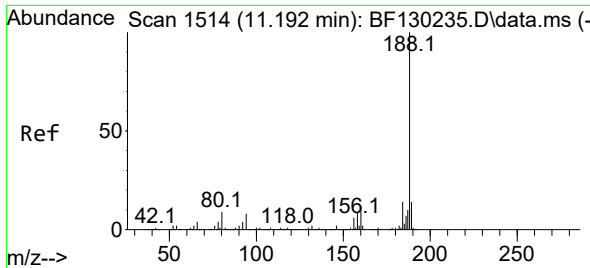


#45
2-Fluorobiphenyl
Concen: 10.442 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30



Tgt Ion: 172 Resp: 98346
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.5 18.7 28.1





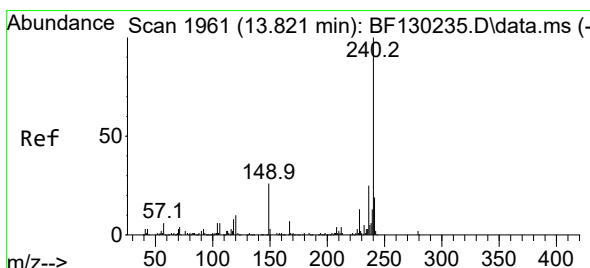
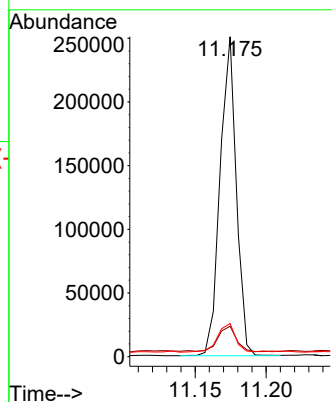
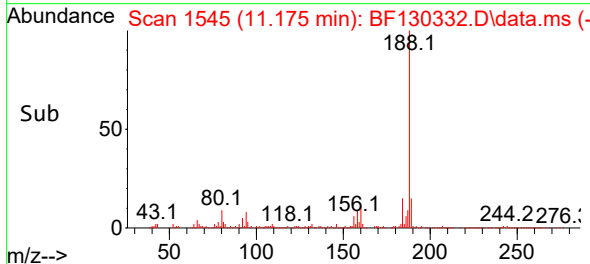
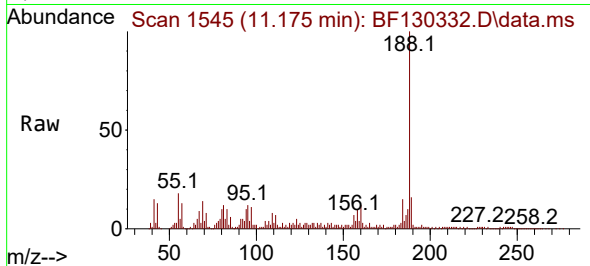
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

Tgt Ion:188 Resp: 198762
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9

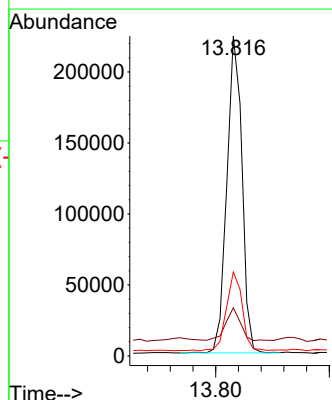
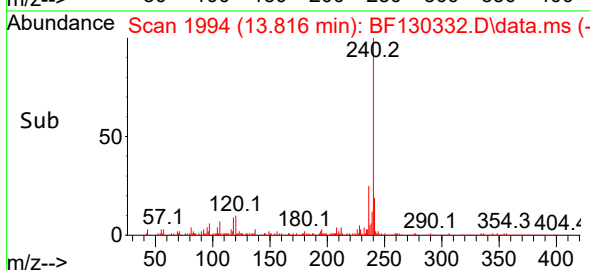
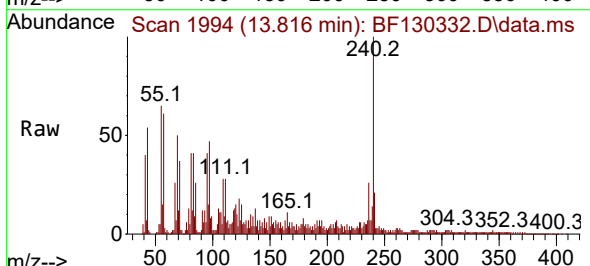
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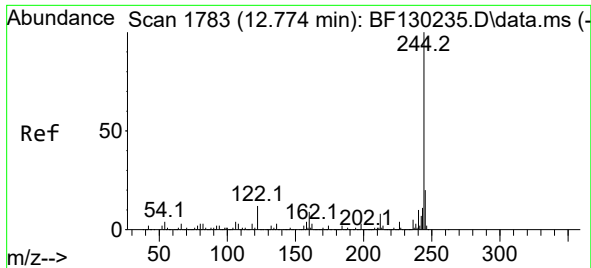
Reviewed By :Christian Giraldo 09/20/2022
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1994
Delta R.T. 0.012 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

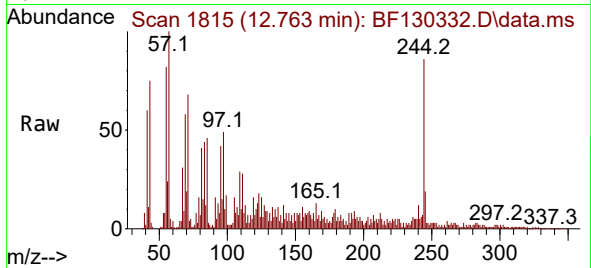
Tgt Ion:240 Resp: 206706
Ion Ratio Lower Upper
240 100
120 15.0 8.7 13.1#
236 26.3 20.9 31.3





#79
Terphenyl-d14
Concen: 8.055 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

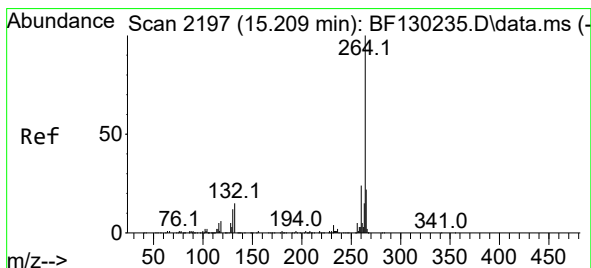
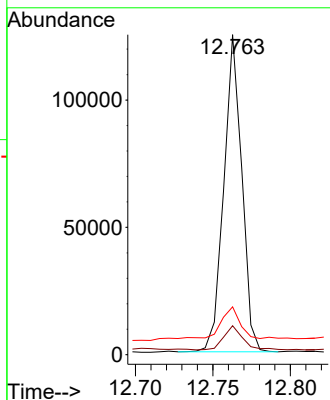
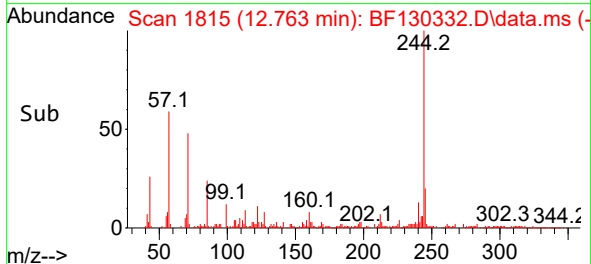
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WC-17-4-5



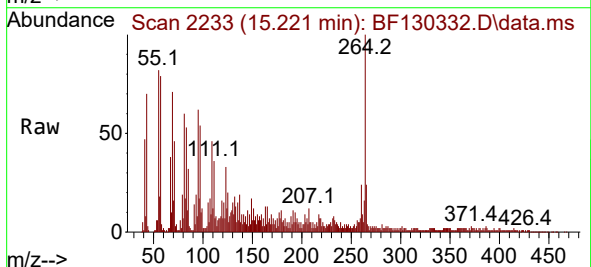
Tgt Ion:244 Resp: 100510
Ion Ratio Lower Upper
244 100
212 9.0 5.9 8.9
122 15.0 8.5 12.7

Manual Integrations
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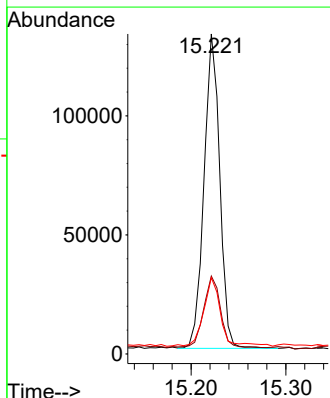
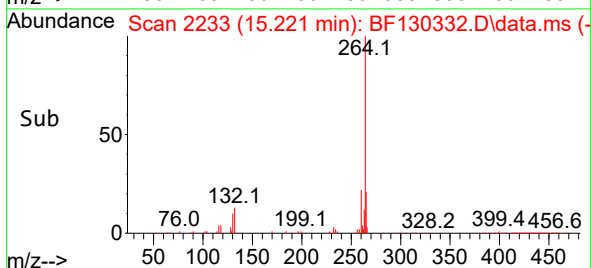
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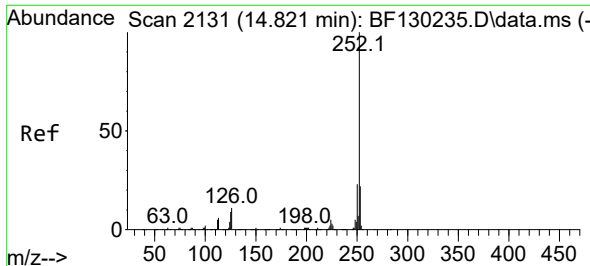


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.221 min Scan# 2233
Delta R.T. 0.035 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30



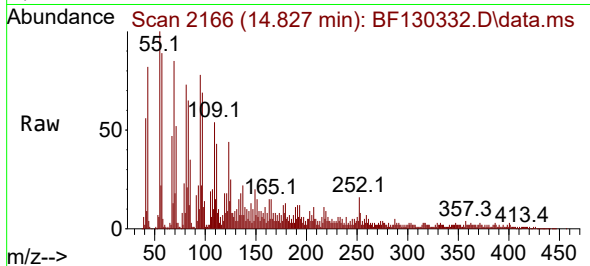
Tgt Ion:264 Resp: 151903
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 23.8 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.846 ng m
RT: 14.827 min Scan# 2131
Delta R.T. 0.029 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

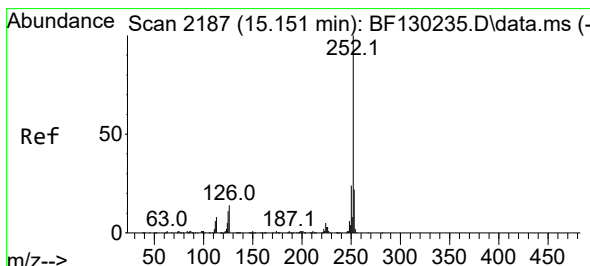
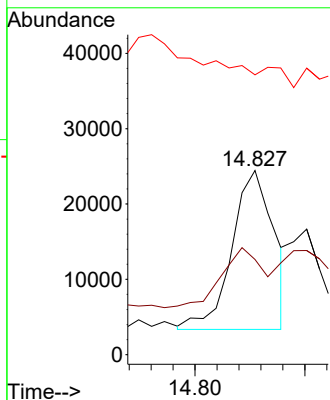
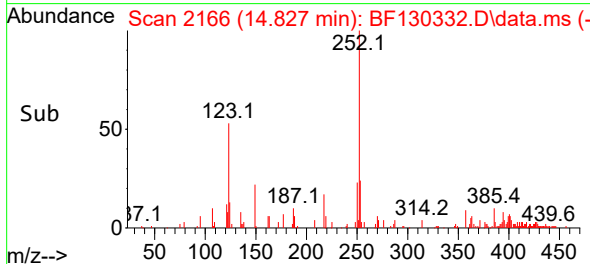
Instrument :
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ClientSampleId :
WC-17-4-5



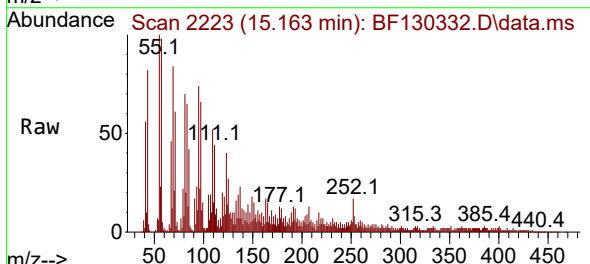
Tgt Ion:252 Resp: 28210
Ion Ratio Lower Upper
252 100
253 51.7 17.7 26.5#
125 151.9 8.1 12.1#

Manual Integrations
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Supervised By :Jagrut Upadhyay 09/20/2022



#90
Benzo(a)pyrene
Concen: 2.874 ng
RT: 15.163 min Scan# 2223
Delta R.T. 0.029 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30



Tgt Ion:252 Resp: 22576
Ion Ratio Lower Upper
252 100
253 46.9 17.8 26.6#
125 160.4 9.0 13.6#

