

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128919.D
 Acq On : 22 Jun 2022 01:46
 Operator : CG\JU
 Sample : N3422-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-12

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/24/2022

Quant Time: Jun 22 04:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	102855	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	353455	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	165393	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	266599	20.000	ng	0.00
76) Chrysene-d12	13.933	240	187929	20.000	ng	0.00
86) Perylene-d12	15.380	264	141013	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	40894	6.333	ng	0.00
7) Phenol-d6	6.416	99	47923	6.080	ng	0.00
23) Nitrobenzene-d5	7.316	82	33584	4.424	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	8891	4.550	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	59668	5.054	ng	0.00
79) Terphenyl-d14	12.868	244	55274	5.111	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.057	128	53910	2.972	ng	95
37) 2-Methylnaphthalene	8.751	142	102476	8.882	ng	98
38) 1-Methylnaphthalene	8.851	142	73512	6.595	ng	100
71) Phenanthrene	11.304	178	122689	9.175	ng	96
78) Pyrene	12.727	202	116416	8.326	ng	# 95
81) Benzo(a)anthracene	13.921	228	50368	4.300	ng	# 71
83) Chrysene	13.957	228	88902m	7.960	ng	
88) Benzo(b)fluoranthene	14.962	252	19859m	2.204	ng	
90) Benzo(a)pyrene	15.321	252	19558	2.762	ng	# 27

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

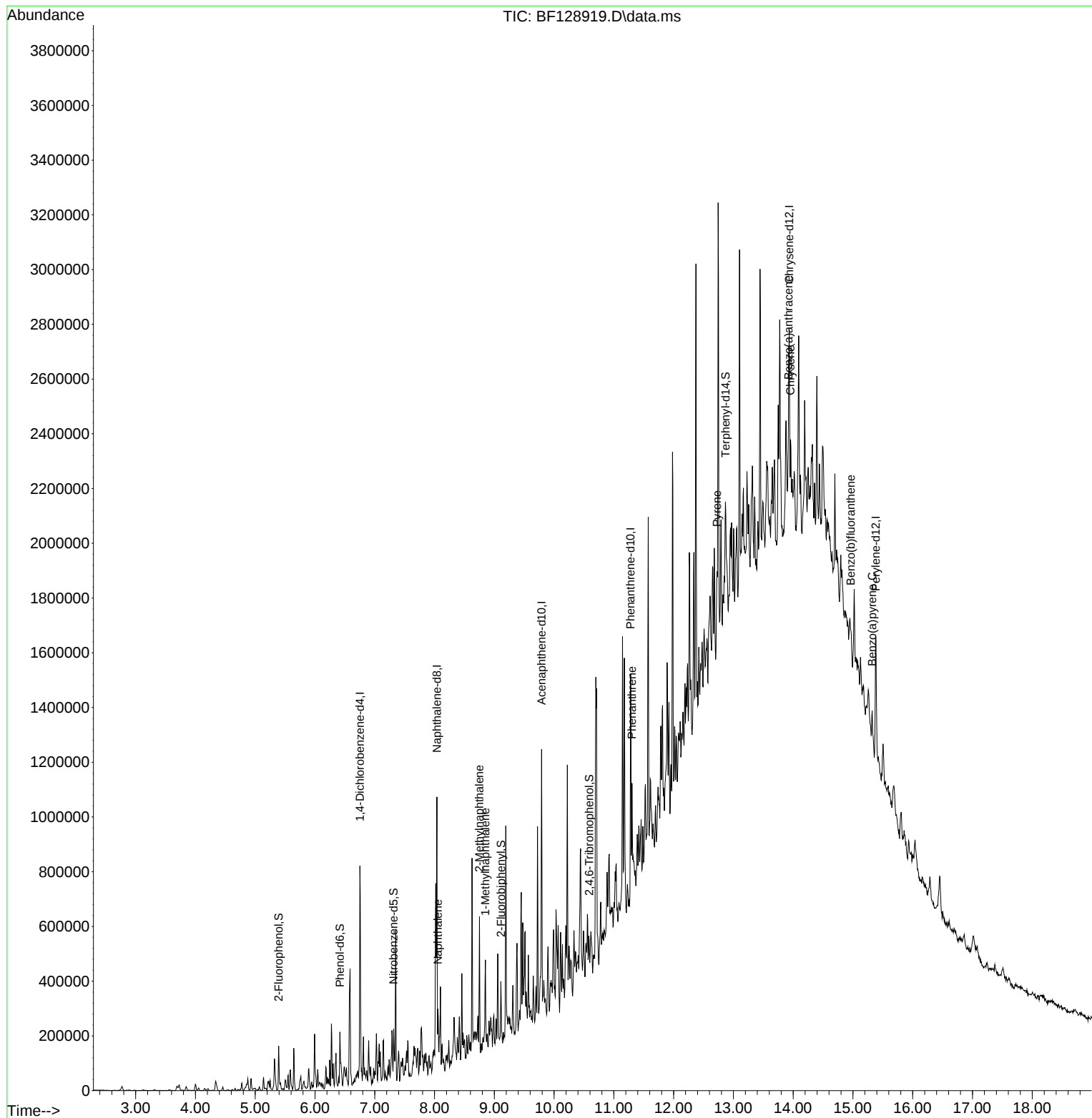
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
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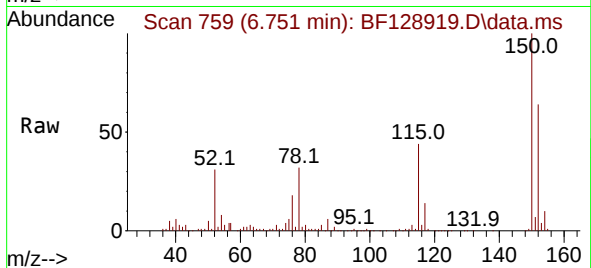
Reviewed By : Christian Giraldo 06/23/2022
Supervised By : Jagrut Upadhyay 06/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

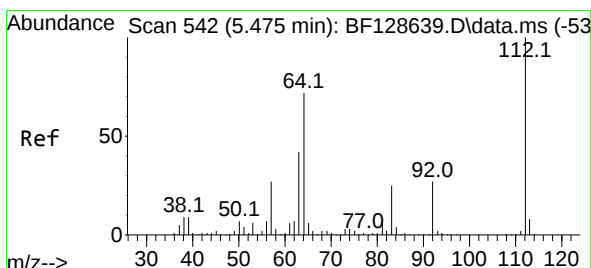
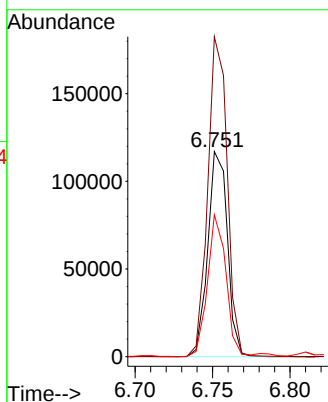
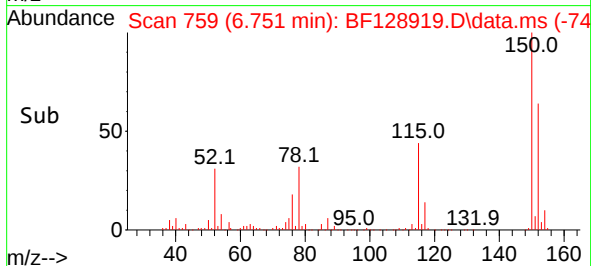
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion:152 Resp: 10285
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 69.2 49.9 74.9

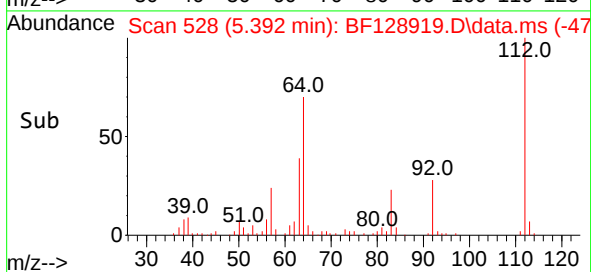
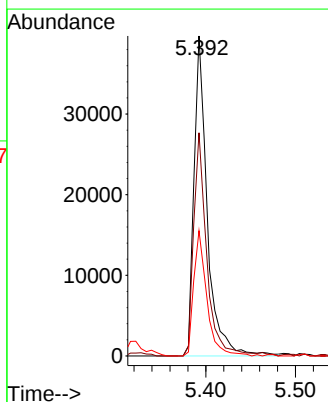
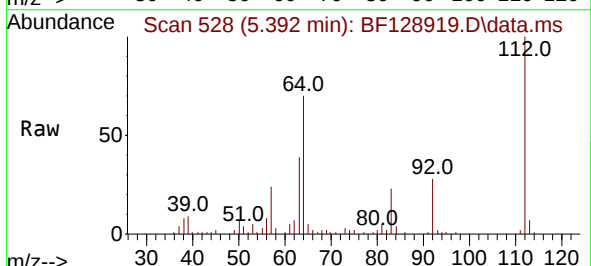
Manual Integrations
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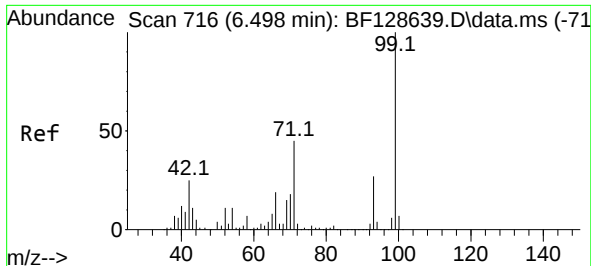
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#5
2-Fluorophenol
Concen: 6.333 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

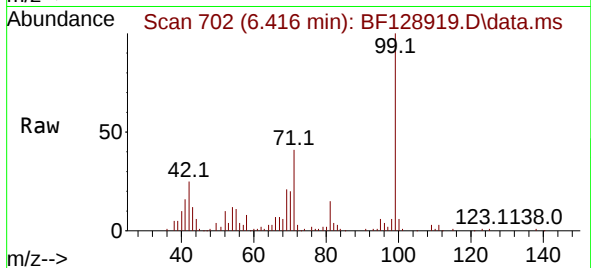
Tgt Ion:112 Resp: 40894
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 39.1 28.0 42.0





#7
Phenol-d6
Concen: 6.080 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

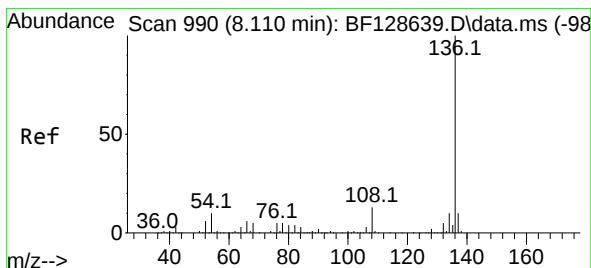
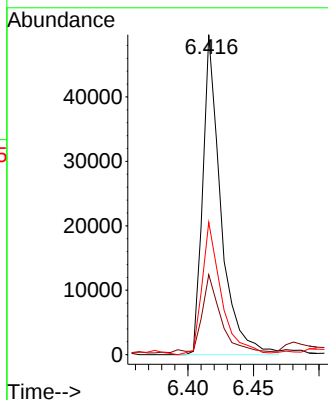
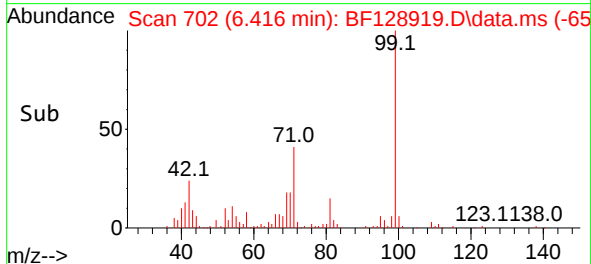
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion: 99 Resp: 47923
Ion Ratio Lower Upper
99 100
42 25.0 17.3 25.9
71 41.4 28.9 43.3

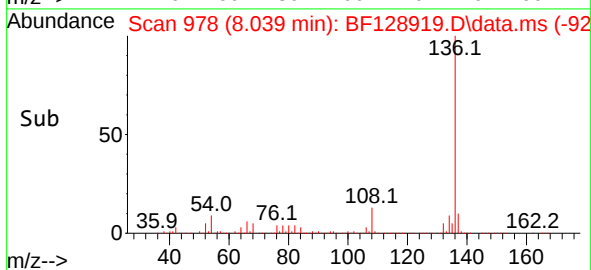
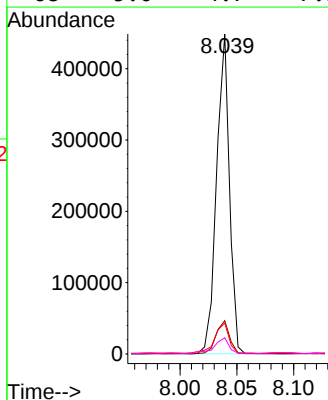
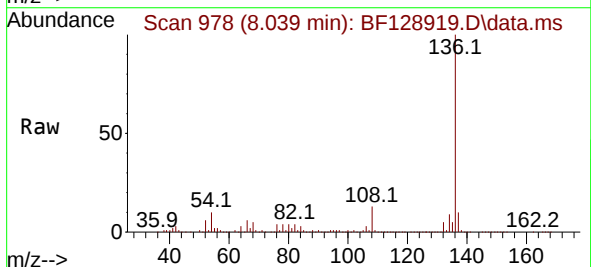
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Tgt Ion:136 Resp: 353455
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.6 7.5 11.3
68 5.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 4.424 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

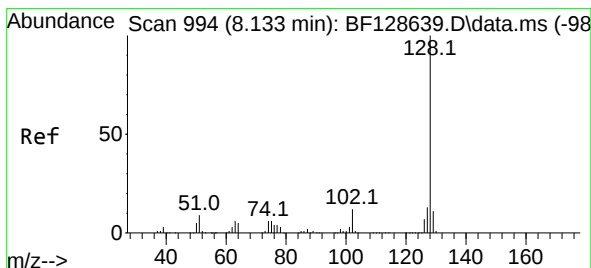
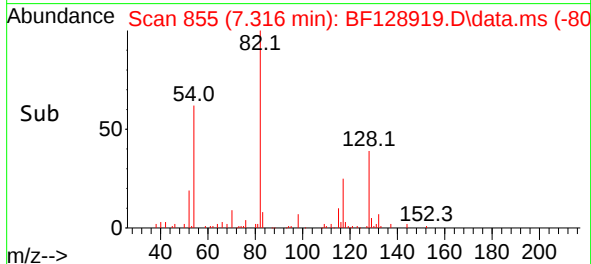
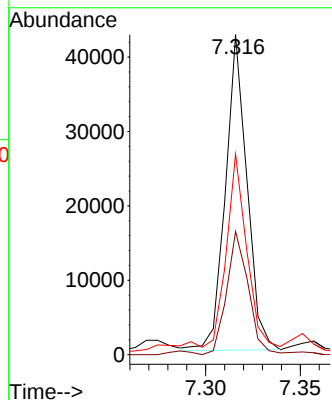
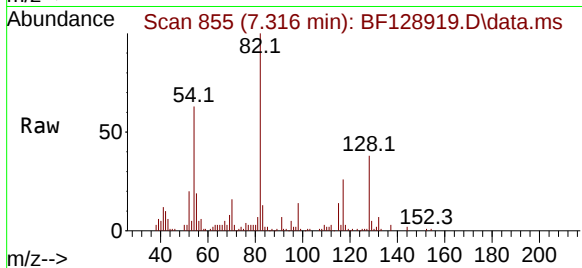
Tgt Ion: 82 Resp: 33584

Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	62.7	46.9	70.3

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#31

Naphthalene

Concen: 2.972 ng

RT: 8.057 min Scan# 981

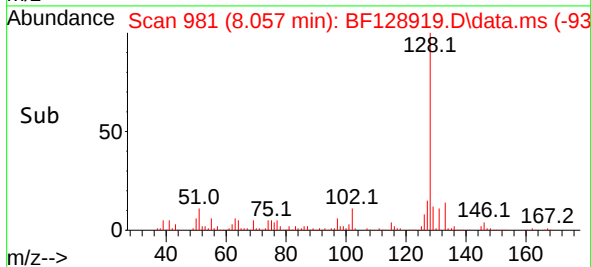
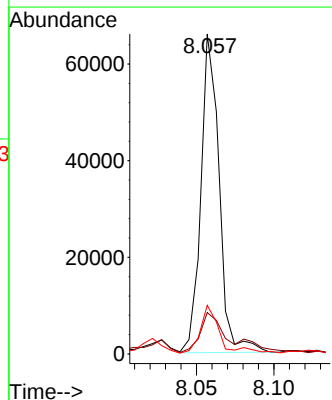
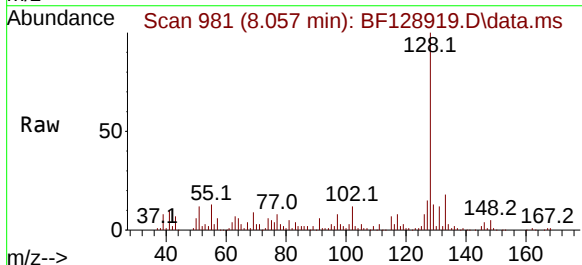
Delta R.T. -0.006 min

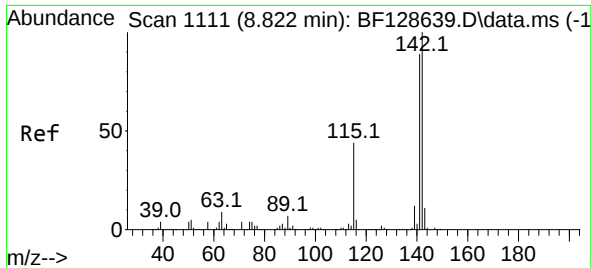
Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Tgt Ion:128 Resp: 53910

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	15.2	10.5	15.7





#37

2-Methylnaphthalene

Concen: 8.882 ng

RT: 8.751 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

Tgt Ion:142 Resp: 102470

Ion Ratio Lower Upper

142 100

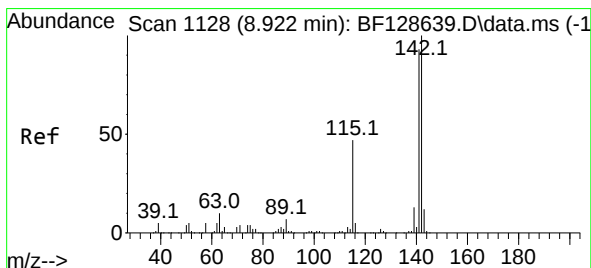
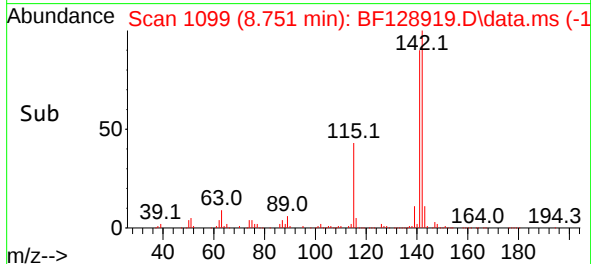
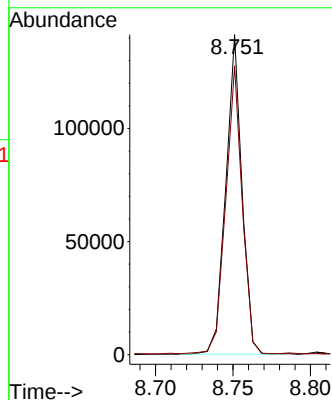
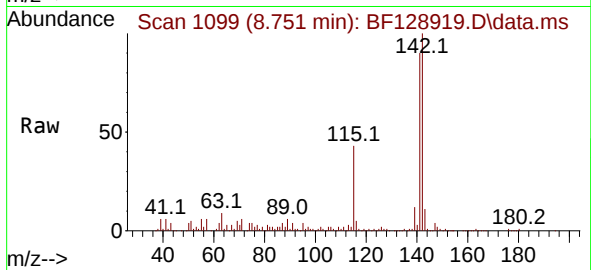
141 90.2 71.0 106.4

Manual Integrations

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#38

1-Methylnaphthalene

Concen: 6.595 ng

RT: 8.851 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF128919.D

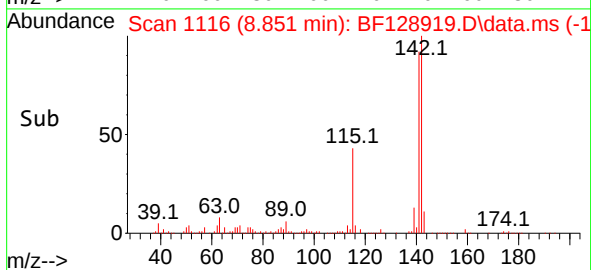
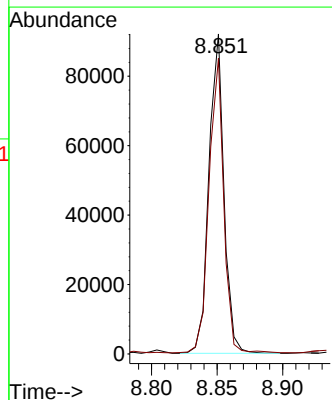
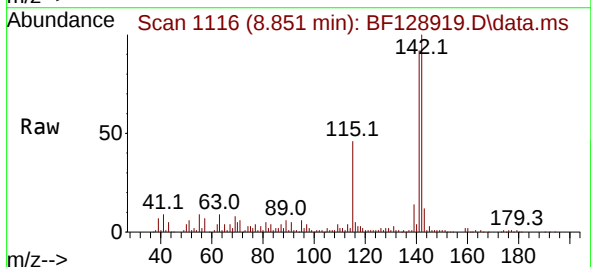
Acq: 22 Jun 2022 01:46

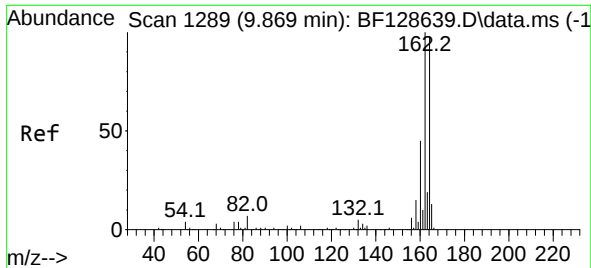
Tgt Ion:142 Resp: 73512

Ion Ratio Lower Upper

142 100

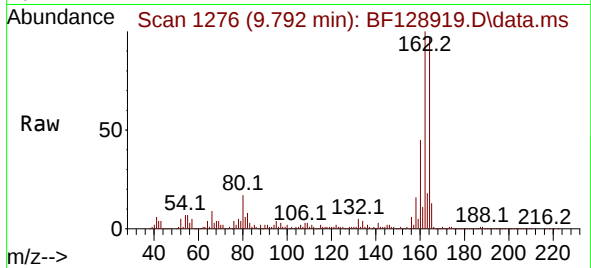
141 92.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

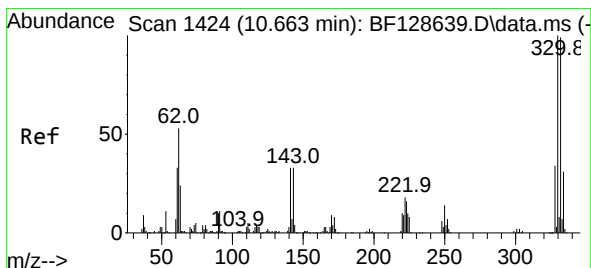
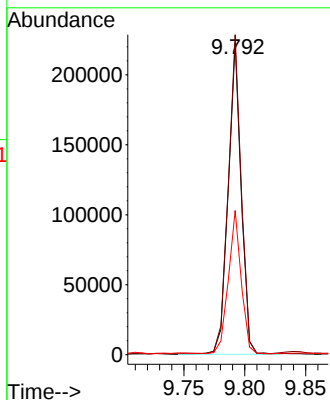
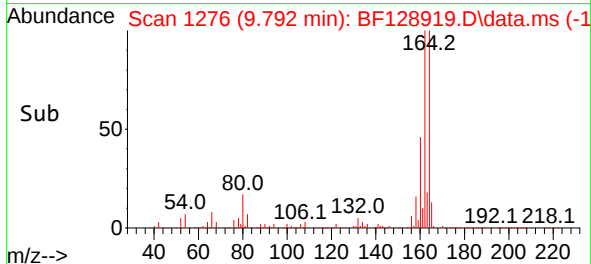
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



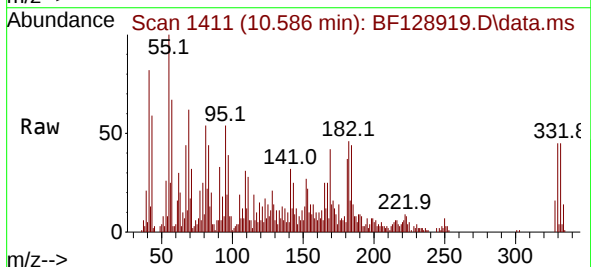
Tgt Ion:164 Resp: 16539
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 46.2 34.2 51.4

Manual Integrations
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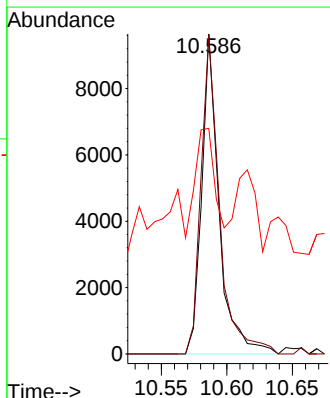
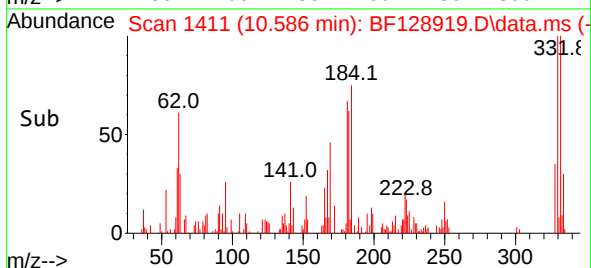
Reviewed By :Christian Giraldo 06/23/2022
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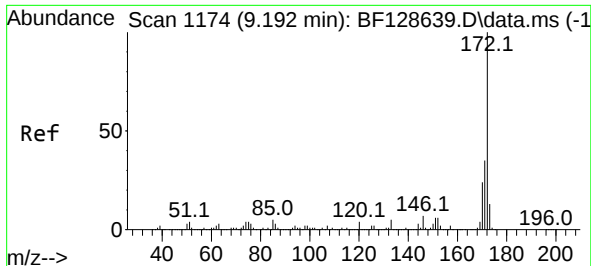


#42
2,4,6-Tribromophenol
Concen: 4.550 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46



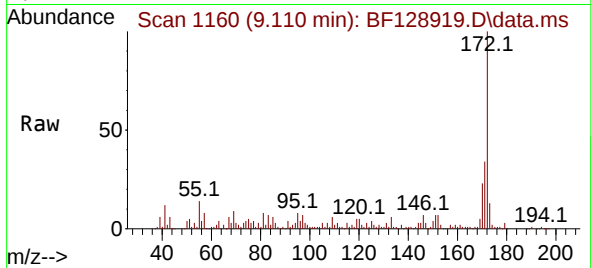
Tgt Ion:330 Resp: 8891
Ion Ratio Lower Upper
330 100
332 107.0 76.8 115.2
141 65.1 28.0 42.0#





#45
2-Fluorobiphenyl
Concen: 5.054 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

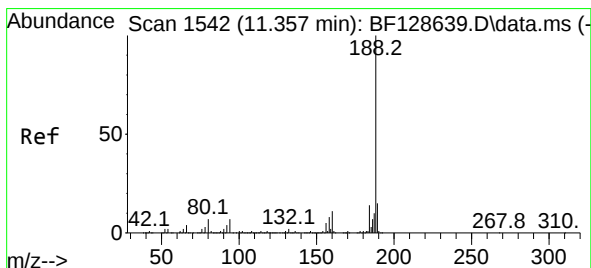
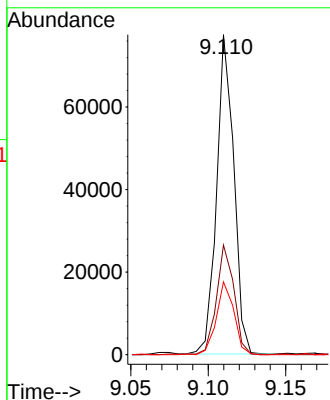
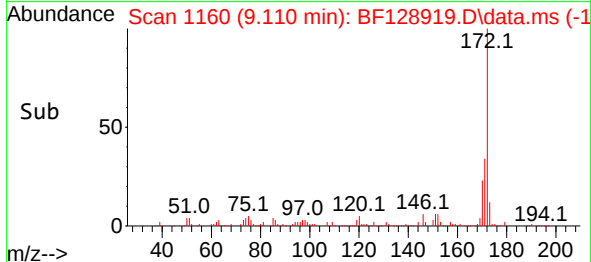
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion:172 Resp: 59668
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 22.7 19.8 29.8

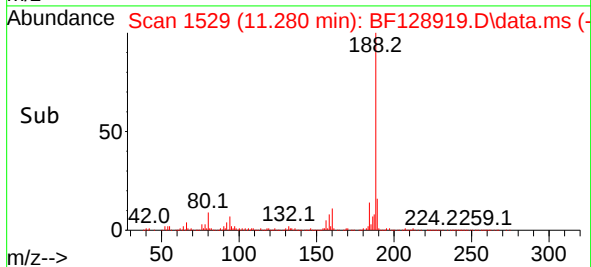
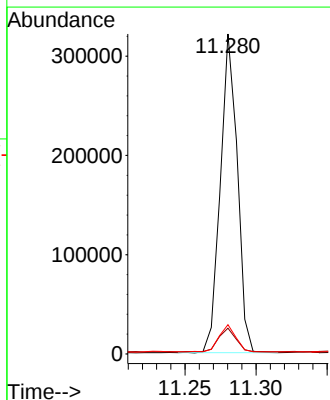
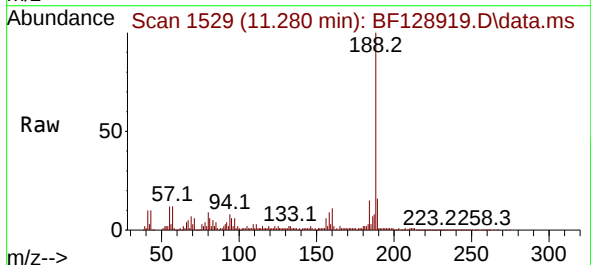
Manual Integrations
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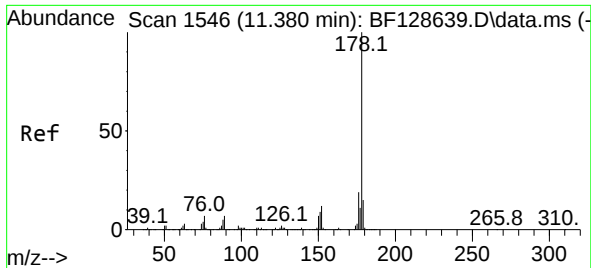
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

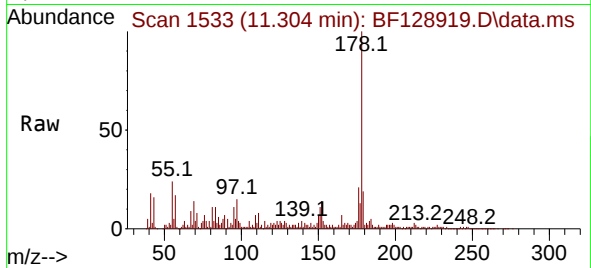
Tgt Ion:188 Resp: 266599
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.2 7.6 11.4





#71
Phenanthrene
Concen: 9.175 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

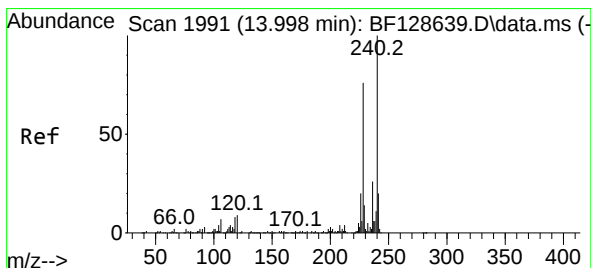
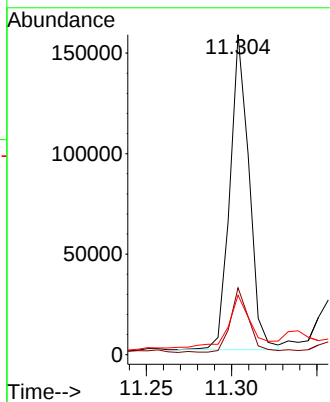
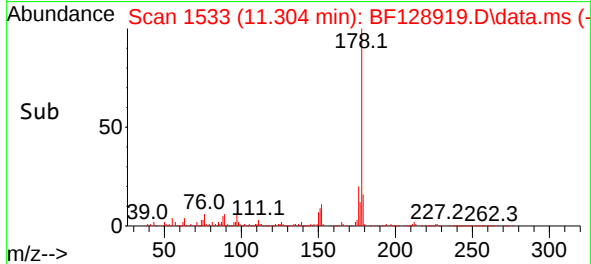
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion:178 Resp: 122689
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 18.5 12.6 19.0

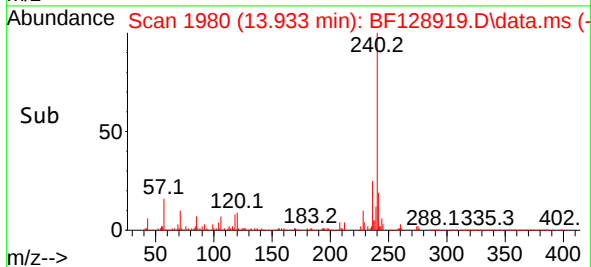
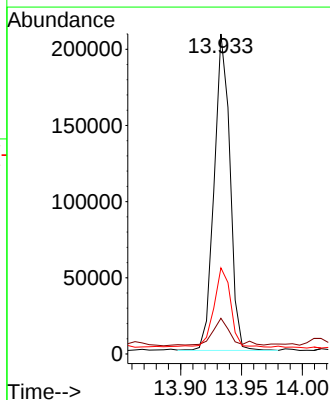
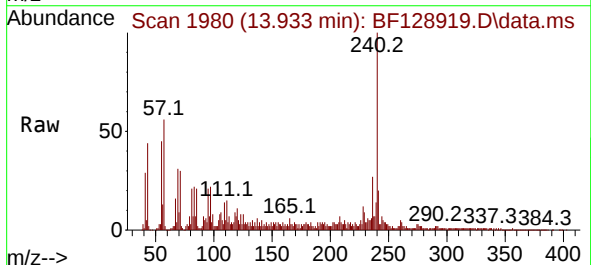
Manual Integrations
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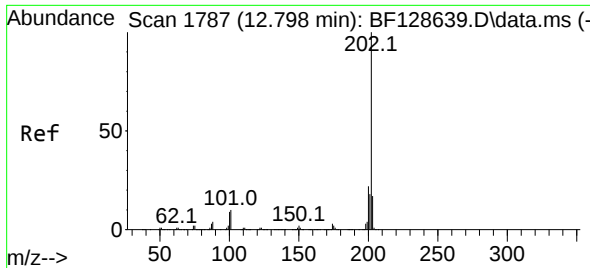
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

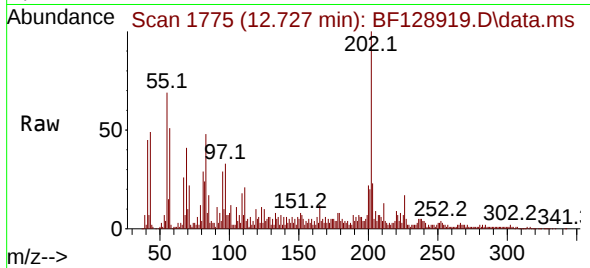
Tgt Ion:240 Resp: 187929
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.9 20.8 31.2





#78
Pyrene
Concen: 8.326 ng
RT: 12.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

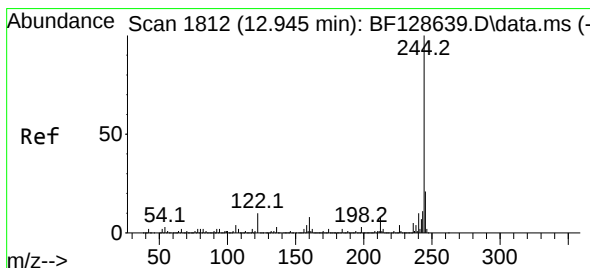
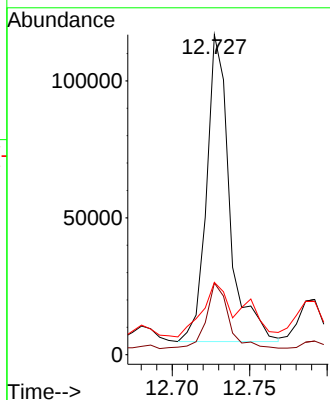
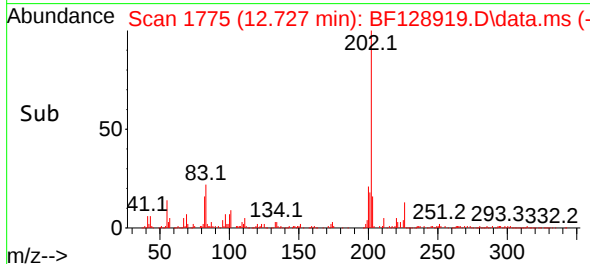
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



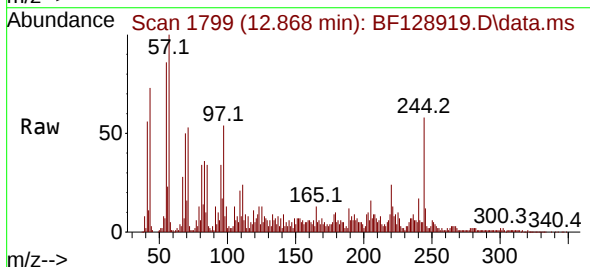
Tgt Ion:202 Resp: 116410
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 22.6 14.6 21.8

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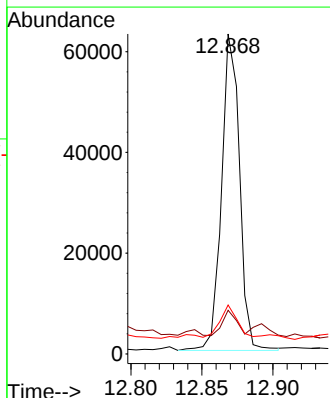
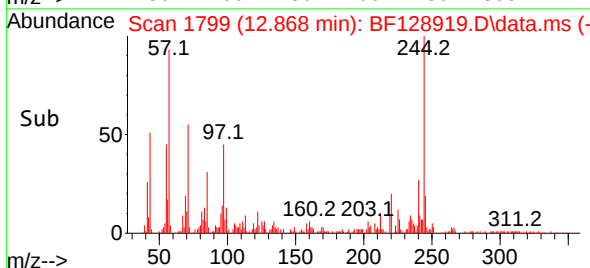
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

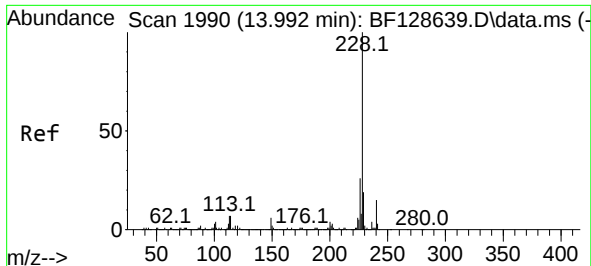


#79
Terphenyl-d14
Concen: 5.111 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46



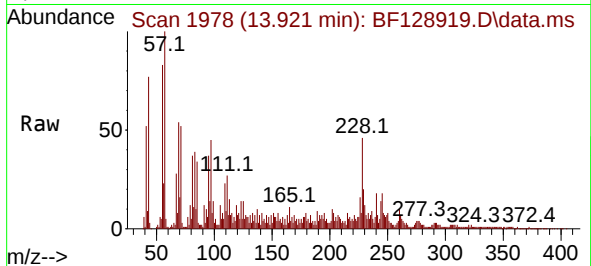
Tgt Ion:244 Resp: 55274
Ion Ratio Lower Upper
244 100
212 13.6 6.1 9.1#
122 15.3 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 4.300 ng
RT: 13.921 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

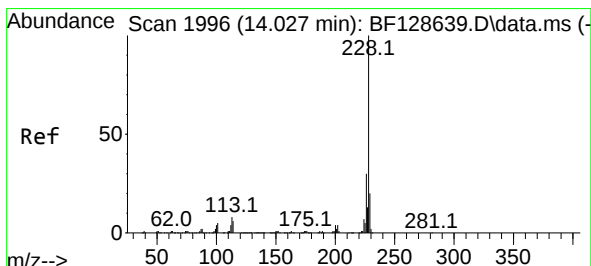
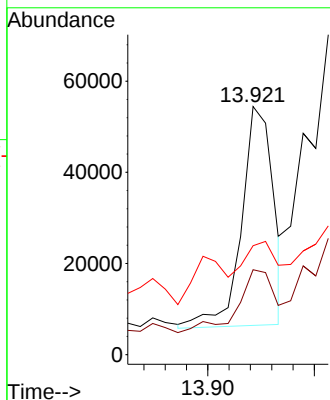
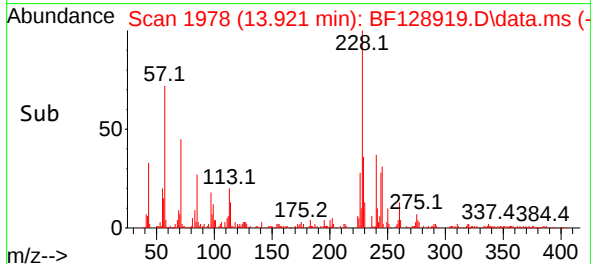
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



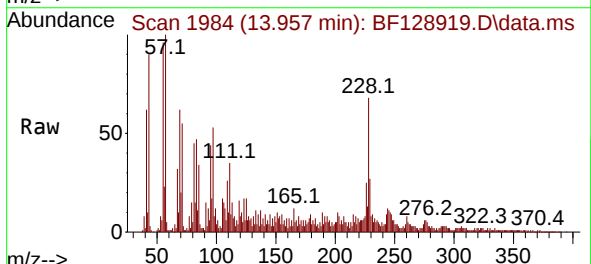
Tgt Ion:228 Resp: 50368
Ion Ratio Lower Upper
228 100
226 34.3 22.1 33.1
229 43.9 15.8 23.8

Manual Integrations
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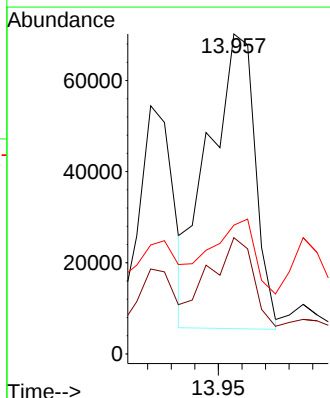
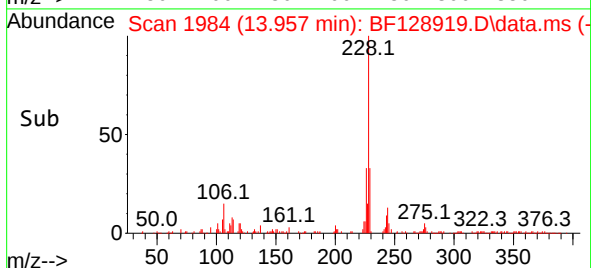
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

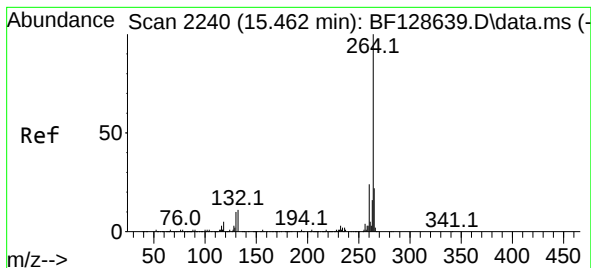


#83
Chrysene
Concen: 7.960 ng m
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46



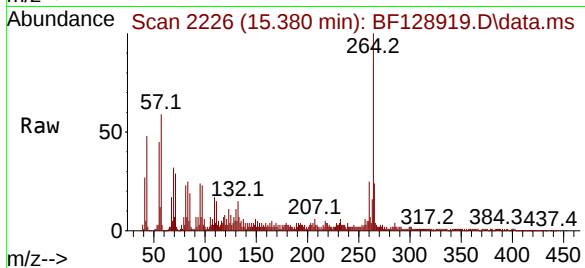
Tgt Ion:228 Resp: 88902
Ion Ratio Lower Upper
228 100
226 36.4 24.3 36.5
229 40.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

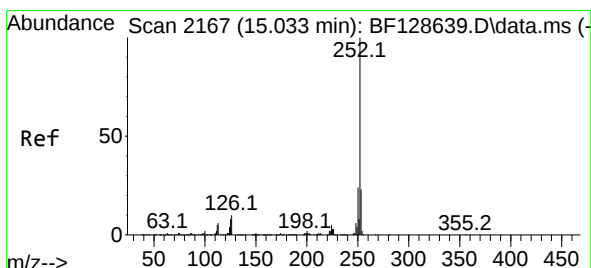
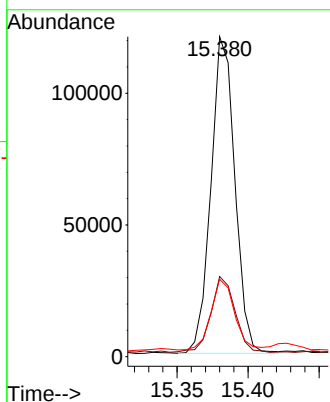
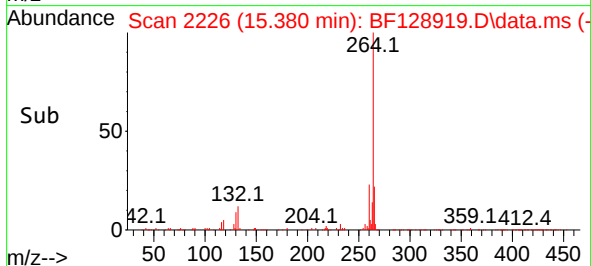
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion:264 Resp: 141011
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 24.2 17.2 25.8

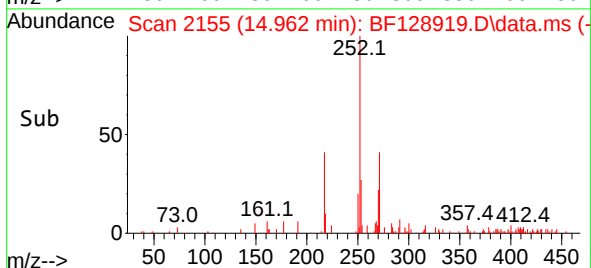
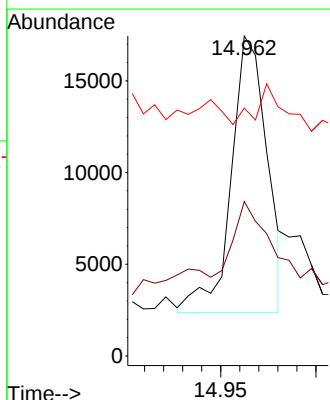
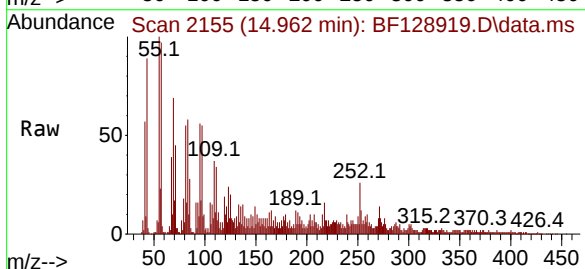
Manual Integrations
APPROVED

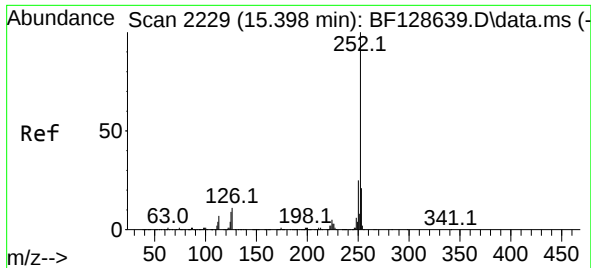
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022



#88
Benzo(b)fluoranthene
Concen: 2.204 ng m
RT: 14.962 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

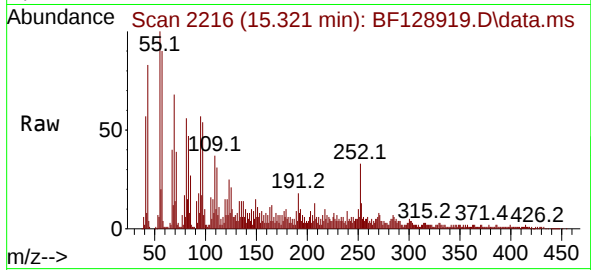
Tgt Ion:252 Resp: 19859
Ion Ratio Lower Upper
252 100
253 48.2 17.7 26.5#
125 77.5 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.762 ng
RT: 15.321 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12



Tgt Ion:252 Resp: 19558
Ion Ratio Lower Upper
252 100
253 39.6 17.0 25.6
125 64.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/24/2022

