

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131163.D
 Acq On : 11 Nov 2022 20:24
 Operator : CG\JU
 Sample : N5506-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 12 00:06:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	69944	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280982	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	111211	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	187634	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148467	20.000	ng	0.00
86) Perylene-d12	15.551	264	94511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	499923	121.551	ng	0.00
7) Phenol-d6	6.504	99	531854	98.912	ng	0.00
23) Nitrobenzene-d5	7.439	82	406193	65.225	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	98029	85.292	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	541554	67.979	ng	0.00
79) Terphenyl-d14	12.998	244	394194	46.552	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.427	178	22085	2.140	ng	95
75) Fluoranthene	12.621	202	35163	3.404	ng	99
78) Pyrene	12.851	202	37600	2.952	ng	94
83) Chrysene	14.080	228	21895m	2.185	ng	
87) Indeno(1,2,3-cd)pyrene	17.051	276	8081	4.826	ng	# 84
88) Benzo(b)fluoranthene	15.104	252	19520m	2.921	ng	
90) Benzo(a)pyrene	15.486	252	11735	2.191	ng	# 79
92) Benzo(g,h,i)perylene	17.509	276	6994	5.322	ng	# 82

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

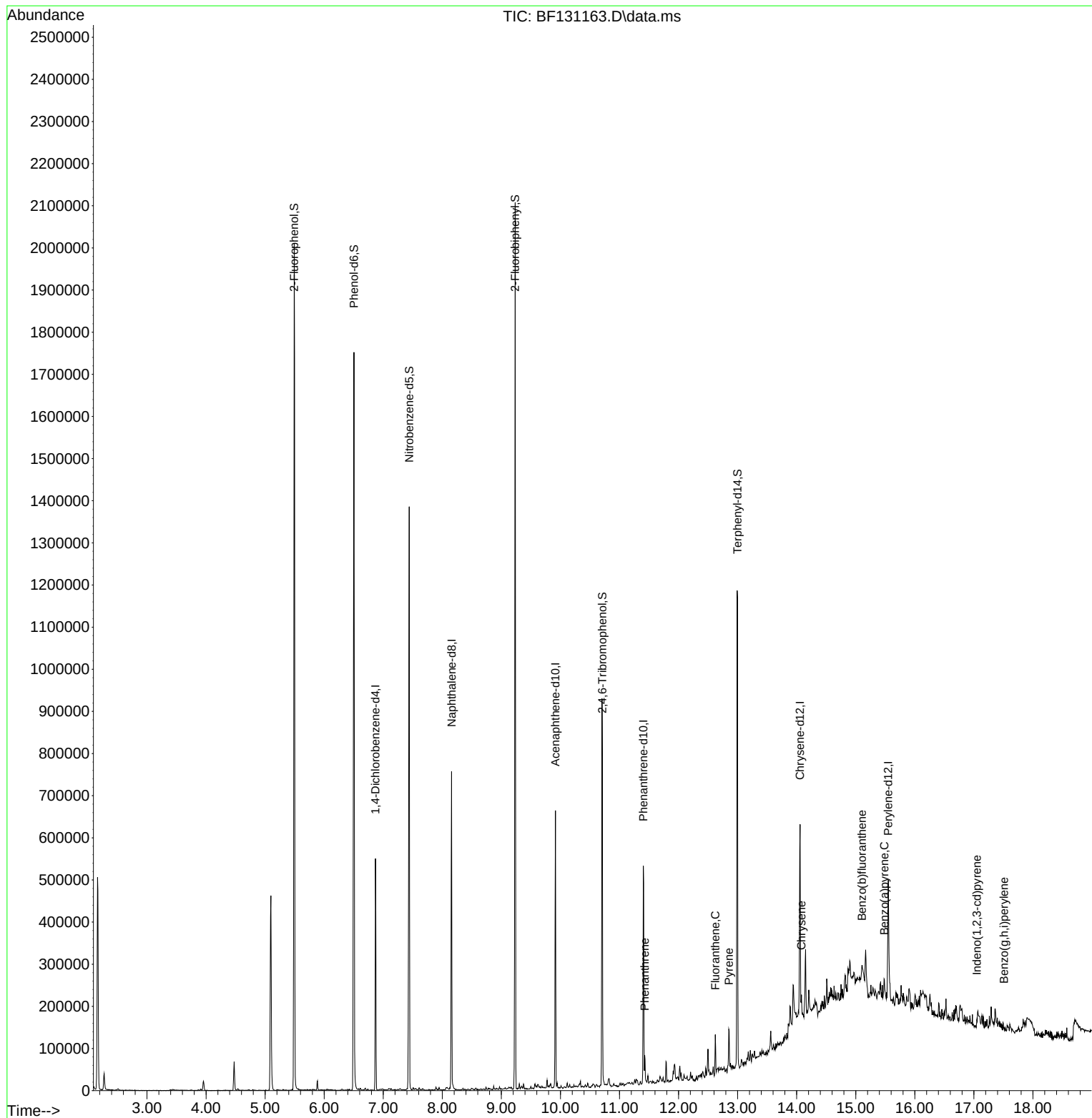
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131163.D
Acq On : 11 Nov 2022 20:24
Operator : CG\JU
Sample : N5506-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

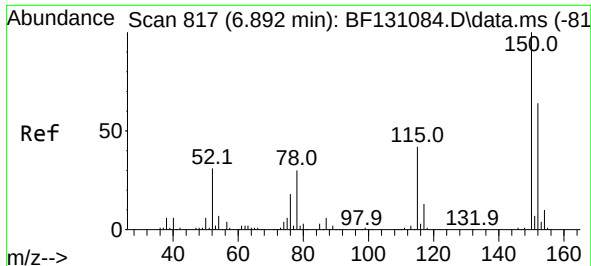
Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Time: Nov 12 00:06:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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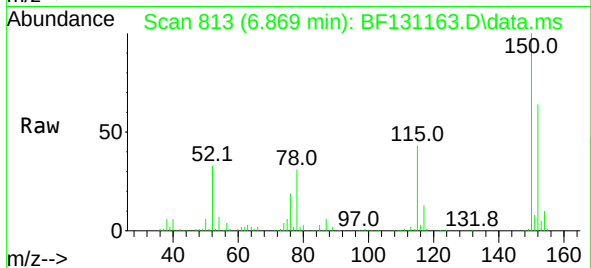
Reviewed By :Christian Giraldo 11/12/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

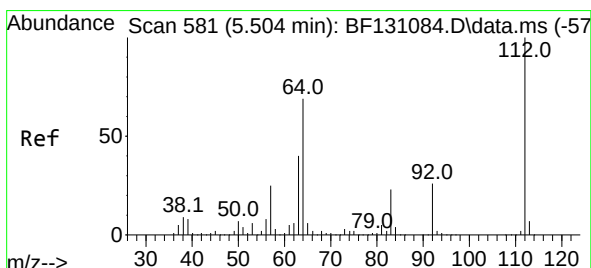
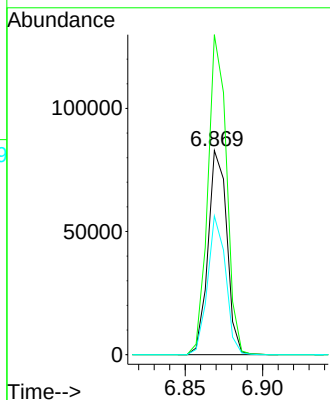
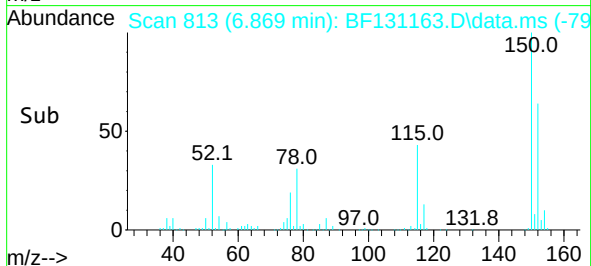
Instrument :
BNA_F
ClientSampleId :
TP-9



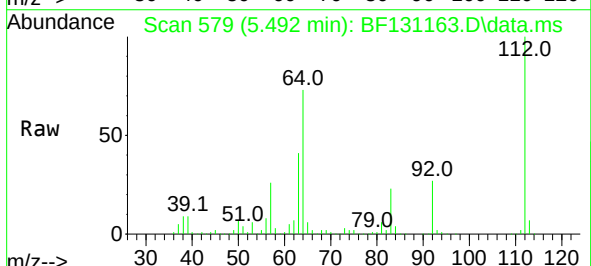
Tgt Ion:152 Resp: 69944
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 68.0 52.2 78.2

Manual Integrations
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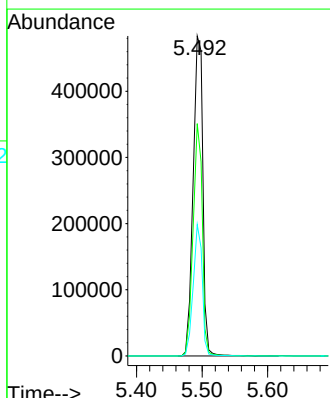
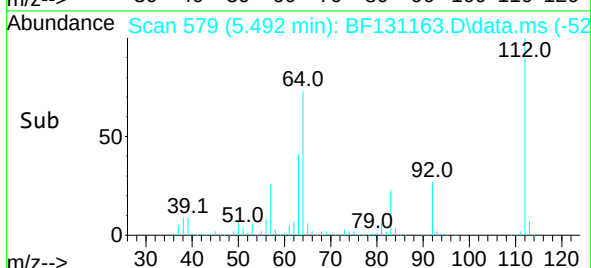
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

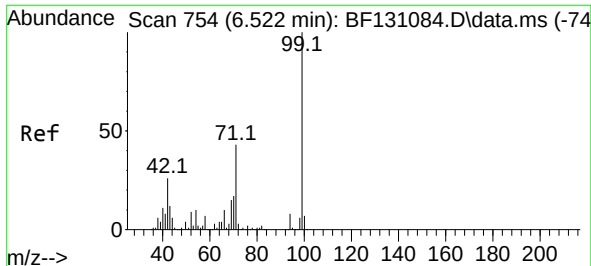


#5
2-Fluorophenol
Concen: 121.551 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24



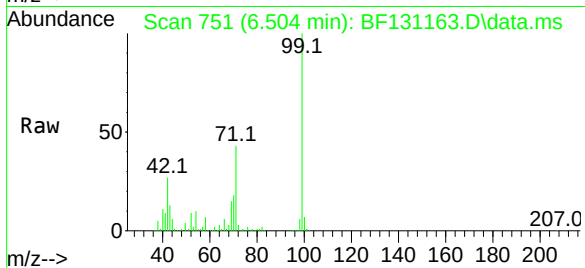
Tgt Ion:112 Resp: 499923
Ion Ratio Lower Upper
112 100
64 72.6 55.1 82.7
63 41.1 32.4 48.6





#7
Phenol-d6
Concen: 98.912 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

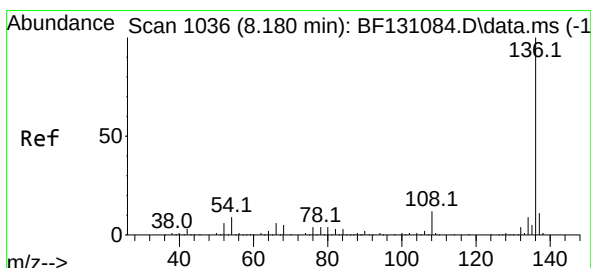
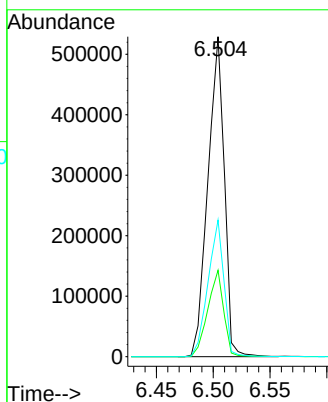
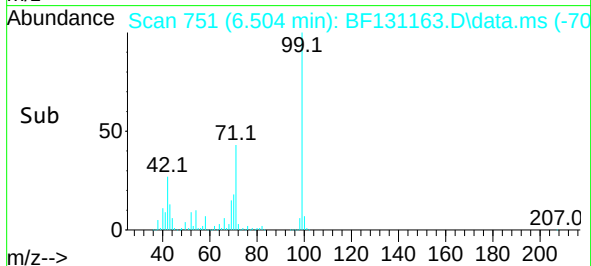
Instrument :
BNA_F
ClientSampleId :
TP-9



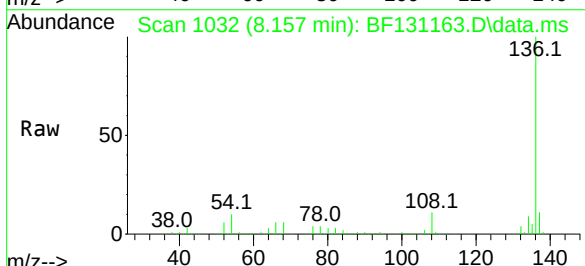
Tgt Ion: 99 Resp: 531854
Ion Ratio Lower Upper
99 100
42 27.0 20.8 31.2
71 42.7 34.2 51.4

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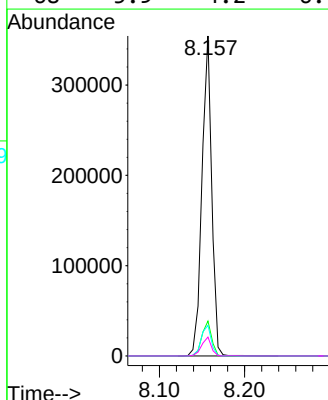
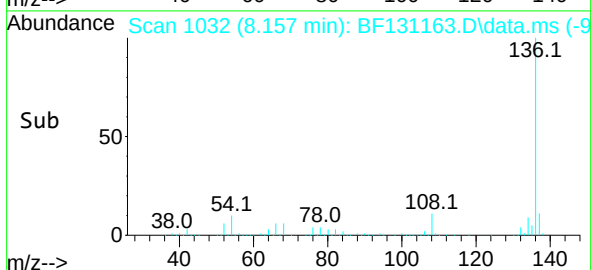
Reviewed By :Christian Giraldo 11/12/2022
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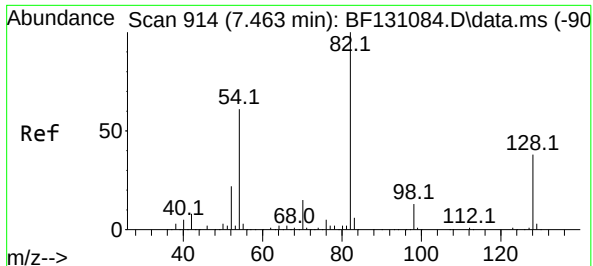


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24



Tgt Ion:136 Resp: 280982
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 7.2 10.8
68 5.9 4.2 6.4





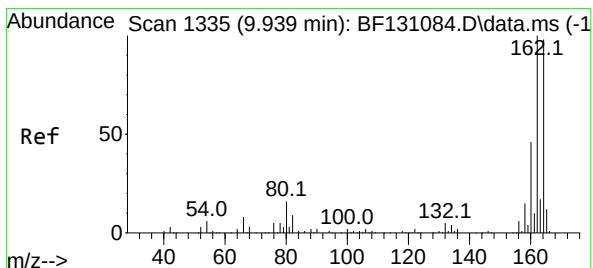
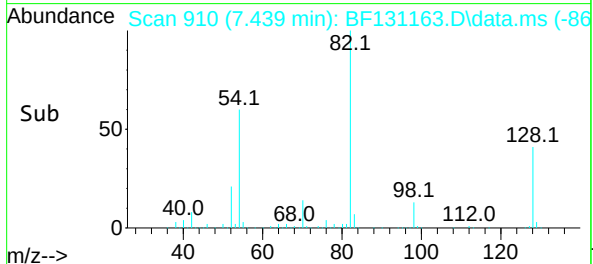
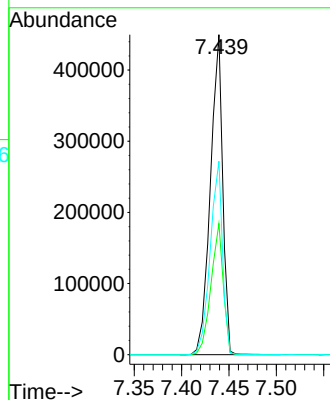
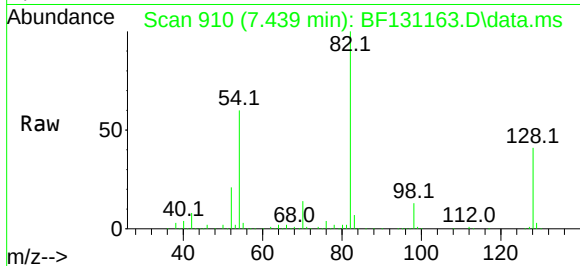
#23
Nitrobenzene-d5
Concen: 65.225 ng
RT: 7.439 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 40619
Ion Ratio Lower Upper
82 100
128 41.0 30.5 45.7
54 60.5 49.1 73.7

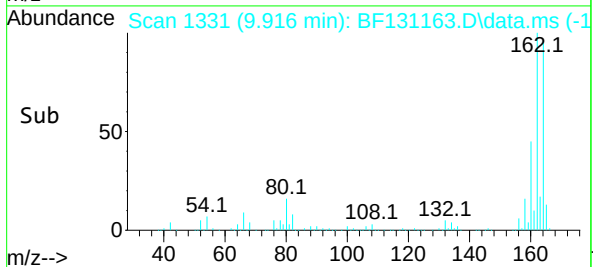
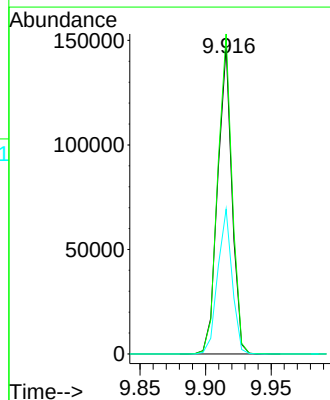
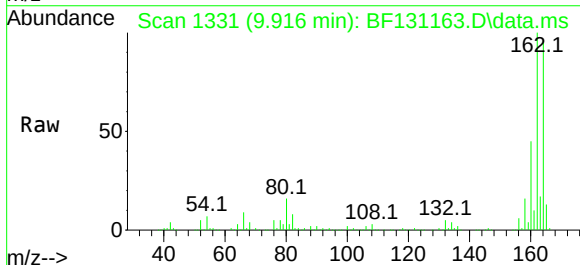
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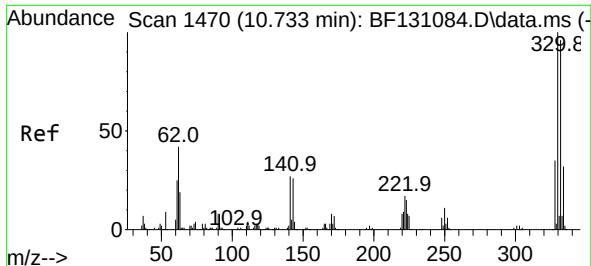
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:164 Resp: 111211
Ion Ratio Lower Upper
164 100
162 104.1 81.7 122.5
160 47.1 37.4 56.2





#42
2,4,6-Tribromophenol
Concen: 85.292 ng
RT: 10.710 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

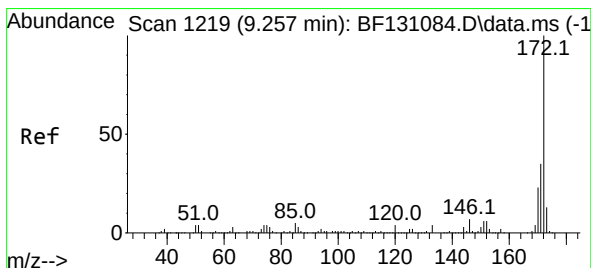
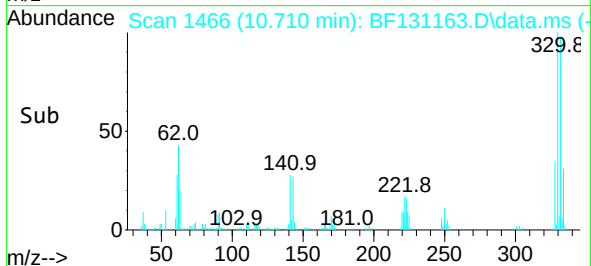
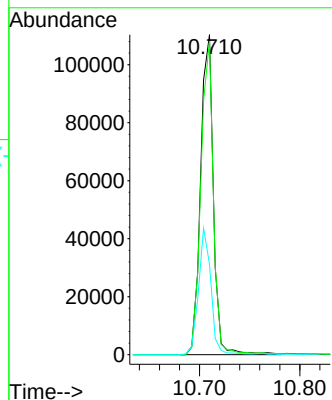
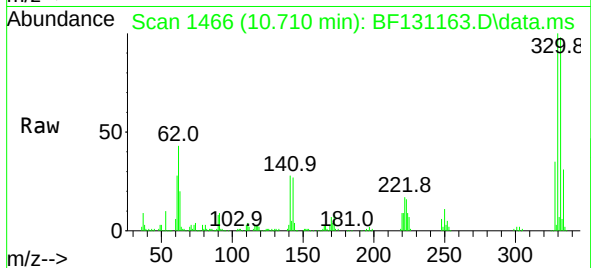
TP-9

Tgt Ion:330 Resp: 98029
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 38.2 28.5 42.7

Manual Integrations

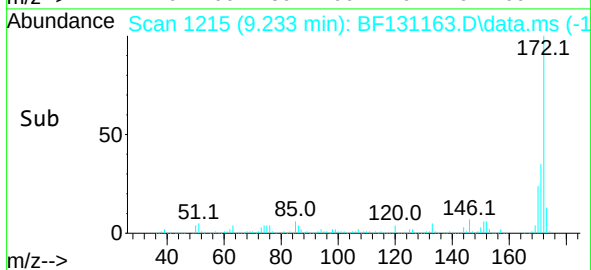
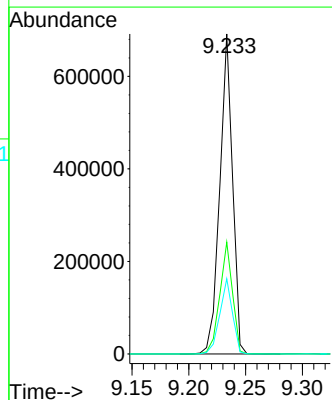
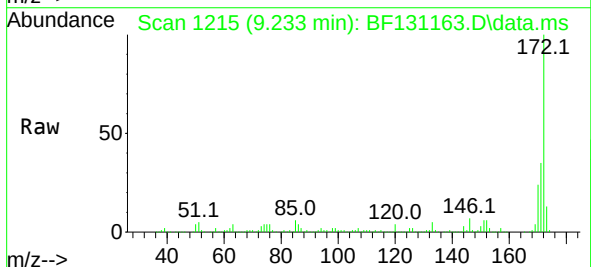
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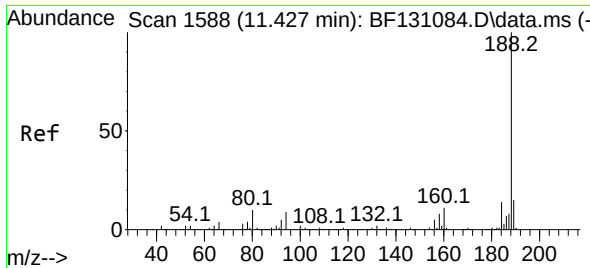
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#45
2-Fluorobiphenyl
Concen: 67.979 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

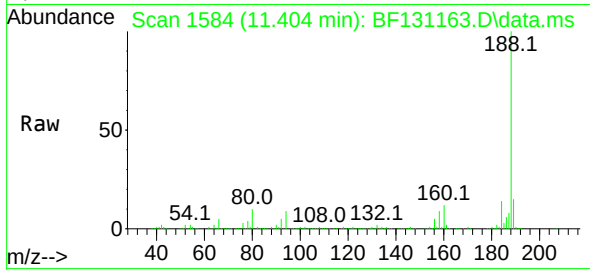
Tgt Ion:172 Resp: 541554
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

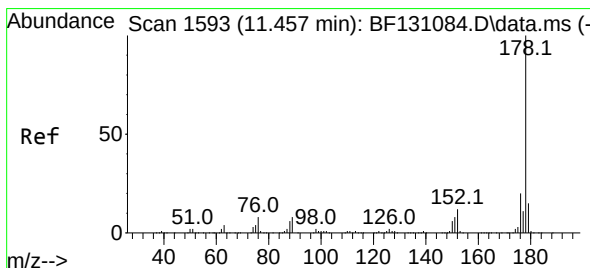
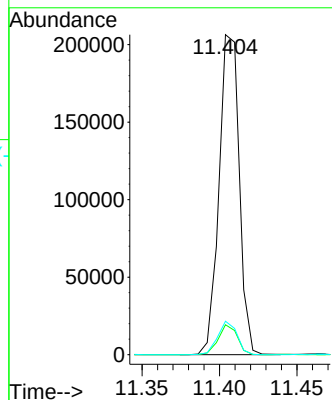
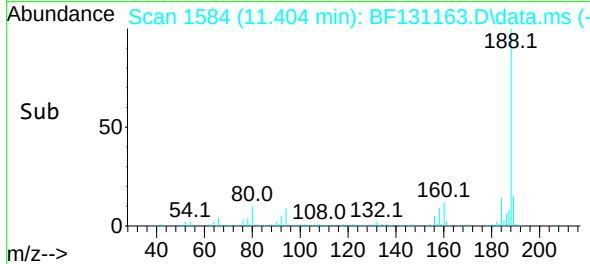
Instrument :
BNA_F
ClientSampleId :
TP-9



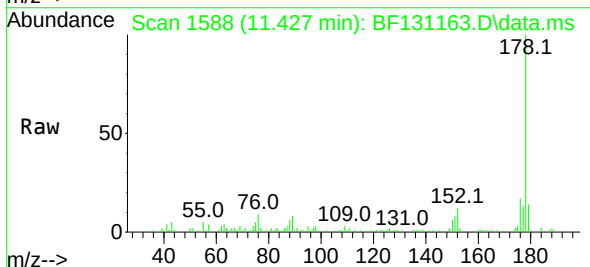
Tgt Ion:188 Resp: 187634
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 7.9 11.9

Manual Integrations
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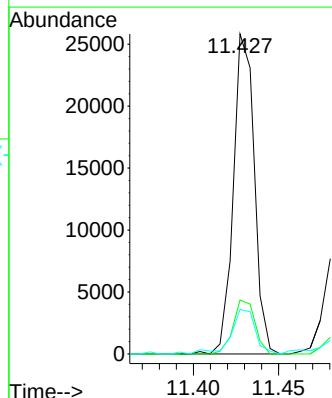
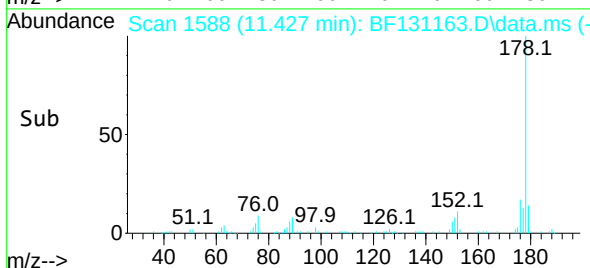
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

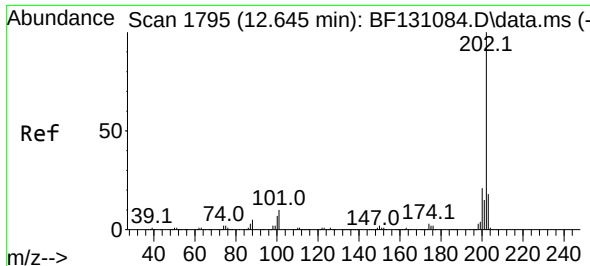


#71
Phenanthrene
Concen: 2.140 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24



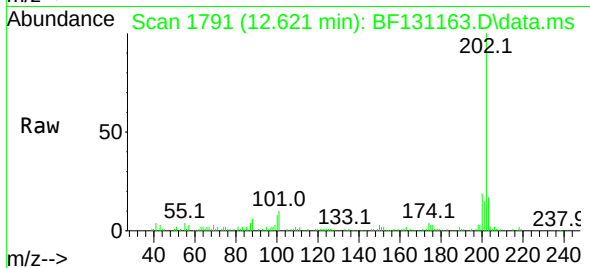
Tgt Ion:178 Resp: 22085
Ion Ratio Lower Upper
178 100
176 16.8 15.8 23.8
179 13.9 12.2 18.2





#75
Fluoranthene
Concen: 3.404 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

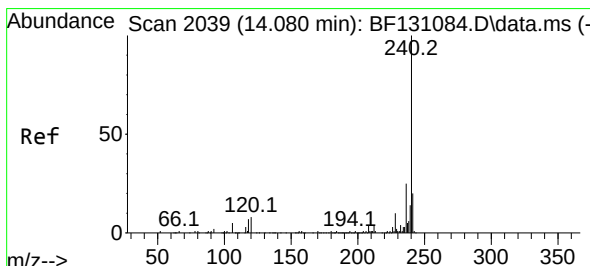
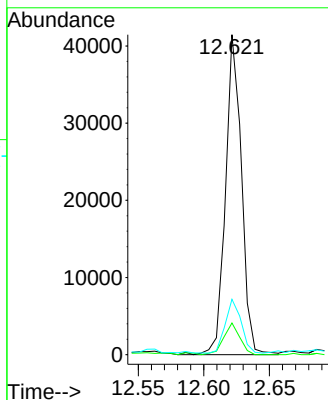
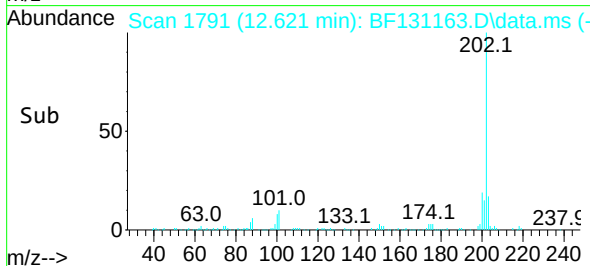
Instrument :
BNA_F
ClientSampleId :
TP-9



Tgt Ion:202 Resp: 3516
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.0
203 17.3 0.0 37.7

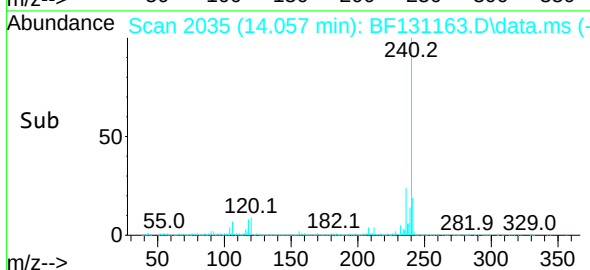
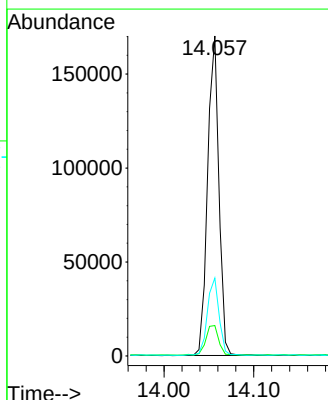
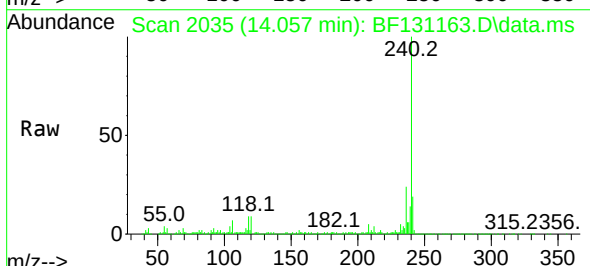
Manual Integrations
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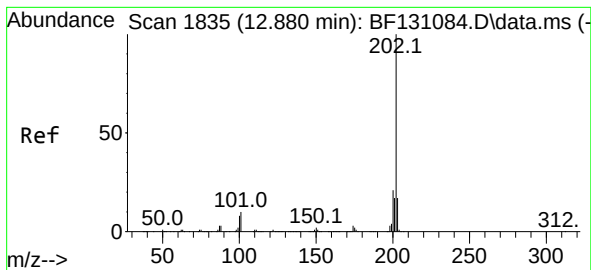
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:240 Resp: 148467
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 24.4 19.7 29.5





#78

Pyrene

Concen: 2.952 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

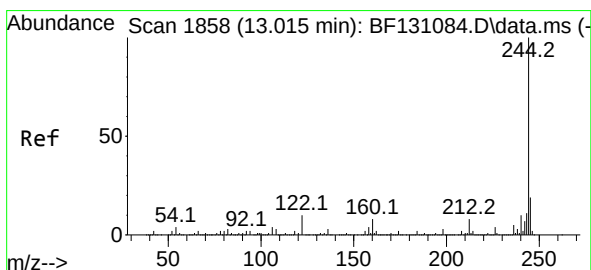
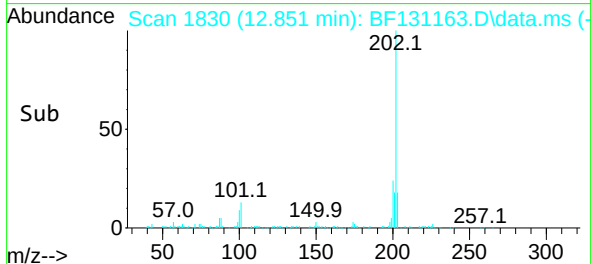
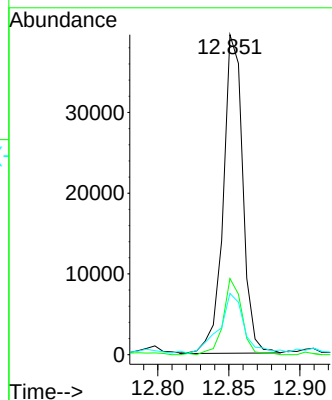
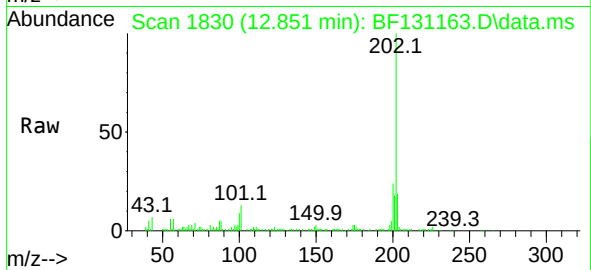
Tgt Ion:	202	Resp:	37600
Ion Ratio	Lower	Upper	
202	100		
200	23.8	16.8	25.2
203	19.1	13.6	20.4

Manual Integrations

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#79

Terphenyl-d14

Concen: 46.552 ng

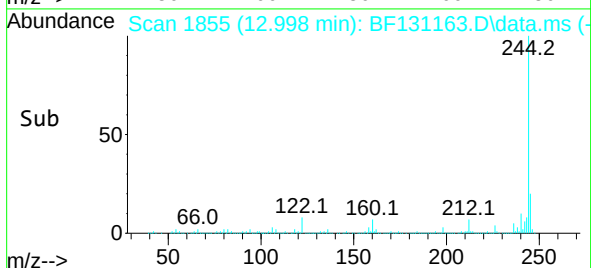
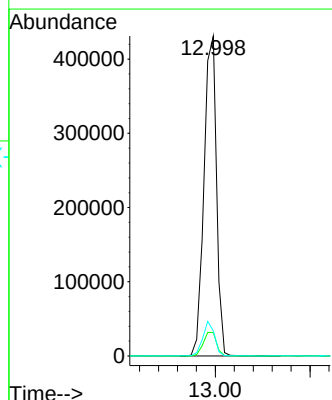
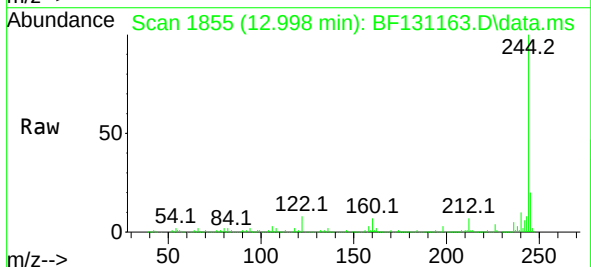
RT: 12.998 min Scan# 1855

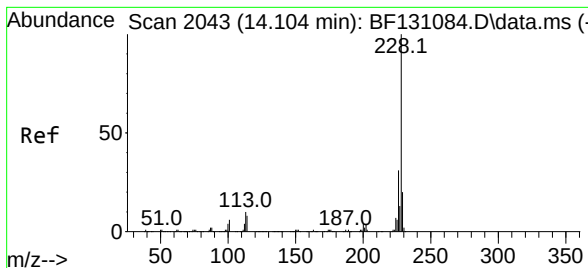
Delta R.T. -0.000 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Tgt Ion:	244	Resp:	394194
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	7.9	7.8	11.8





#83

Chrysene

Concen: 2.185 ng m

RT: 14.080 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

Tgt Ion:228 Resp: 2189

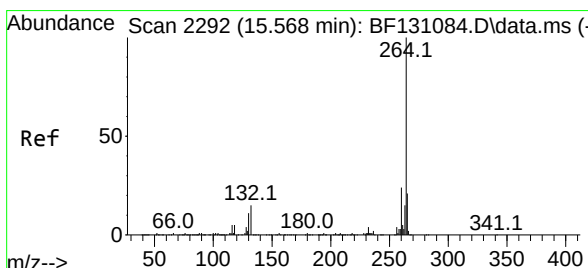
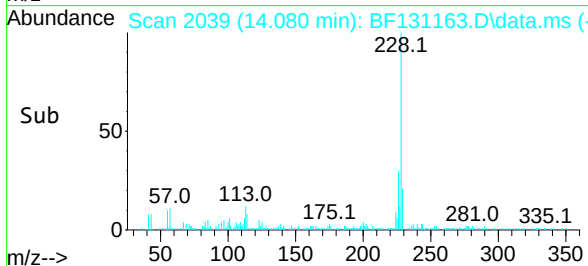
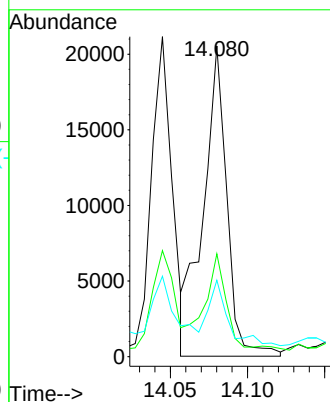
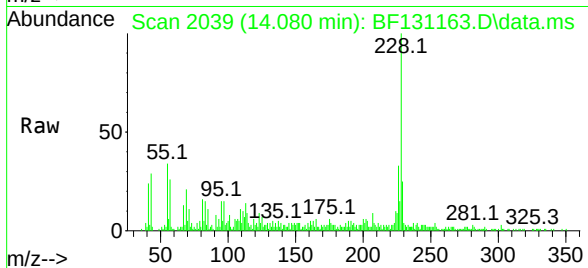
Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.4	36.6
229	24.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

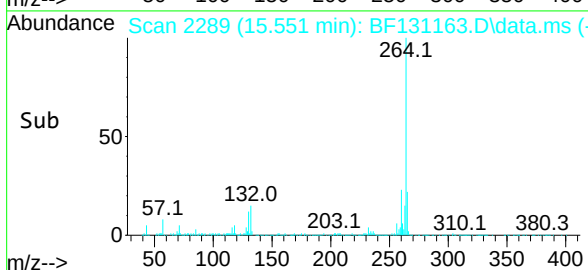
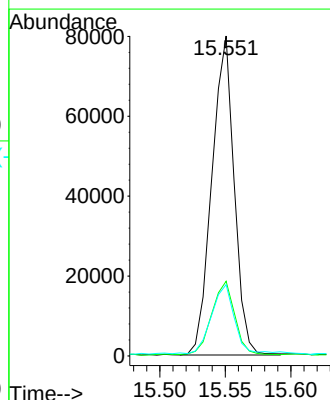
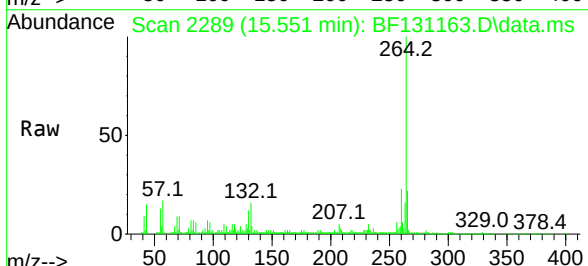
Delta R.T. 0.006 min

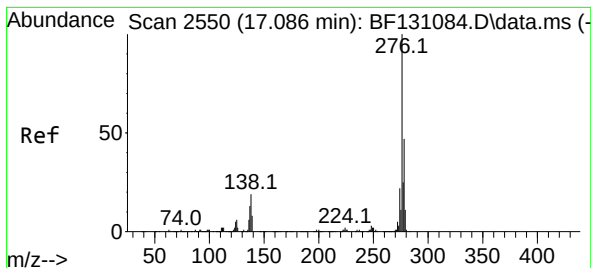
Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Tgt Ion:264 Resp: 94511

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.3	16.7	25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.826 ng

RT: 17.051 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

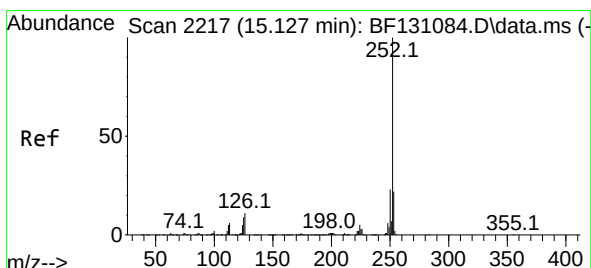
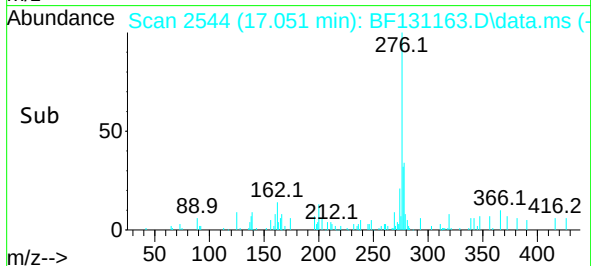
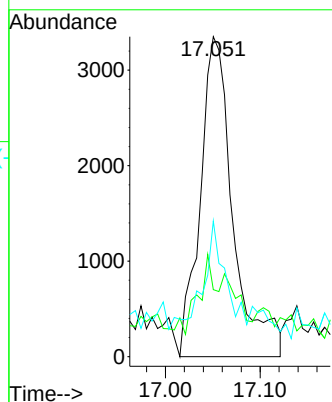
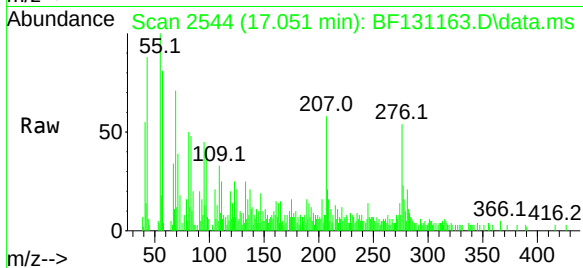
Tgt Ion:	276	Resp:	808
Ion Ratio	Lower	Upper	
276	100		
138	11.7	16.9	25.3
277	18.8	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 2.921 ng m

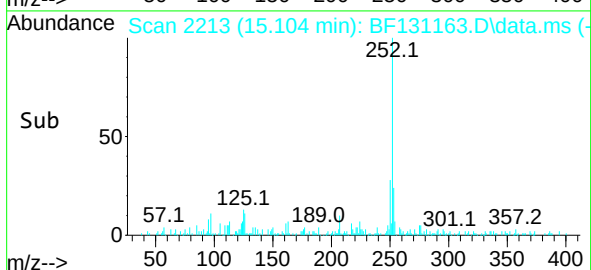
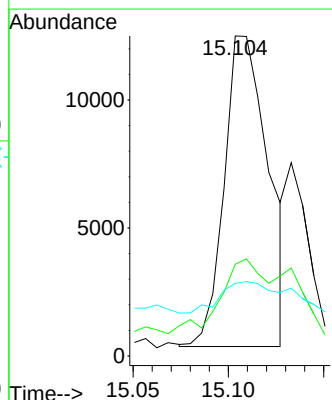
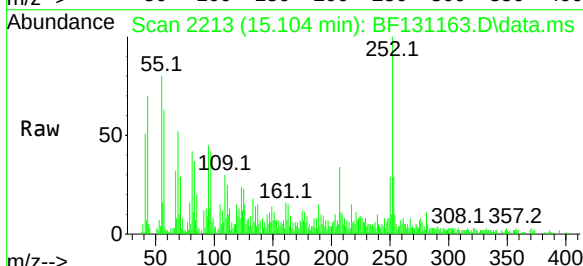
RT: 15.104 min Scan# 2213

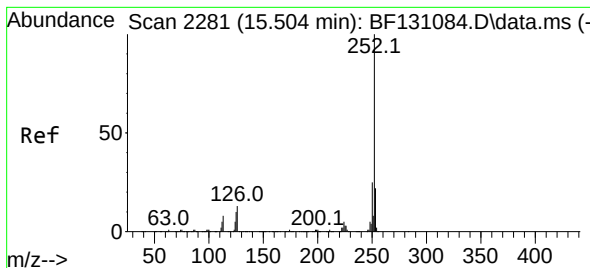
Delta R.T. -0.000 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Tgt Ion:	252	Resp:	19520
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.3	25.9
125	22.7	7.2	10.8





#90

Benzo(a)pyrene

Concen: 2.191 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

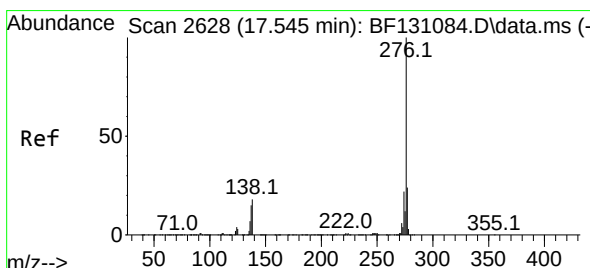
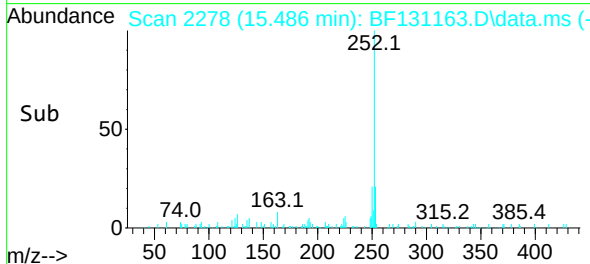
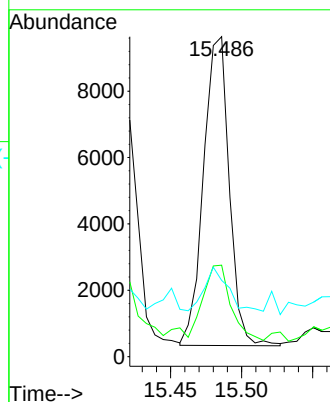
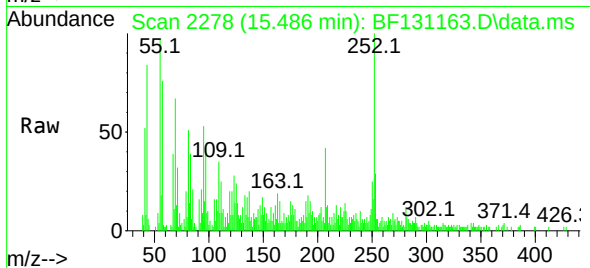
Tgt Ion:	252	Resp:	1173
Ion Ratio	Lower	Upper	
252	100		
253	28.6	17.8	26.8
125	23.9	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 5.322 ng

RT: 17.509 min Scan# 2622

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Tgt Ion:	276	Resp:	6994
Ion Ratio	Lower	Upper	
276	100		
277	27.6	19.0	28.4
138	32.3	14.6	21.8

