

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131139.D
 Acq On : 10 Nov 2022 23:44
 Operator : CG\JU
 Sample : N5494-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 00:52:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	56627	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	216365	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	93056	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	156180	20.000	ng	0.00
76) Chrysene-d12	14.074	240	174673	20.000	ng	0.00
86) Perylene-d12	15.568	264	107283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363896	109.285	ng	0.00
7) Phenol-d6	6.516	99	424479	97.508	ng	0.00
23) Nitrobenzene-d5	7.451	82	274099	57.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	79317	82.475	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	414459	62.175	ng	-0.01
79) Terphenyl-d14	13.010	244	420227	42.181	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	6188	4.513	ng	Qvalue # 83
88) Benzo(b)fluoranthene	15.127	252	15630m	2.061	ng	
92) Benzo(g,h,i)perylene	17.533	276	6821	5.188	ng	# 95

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

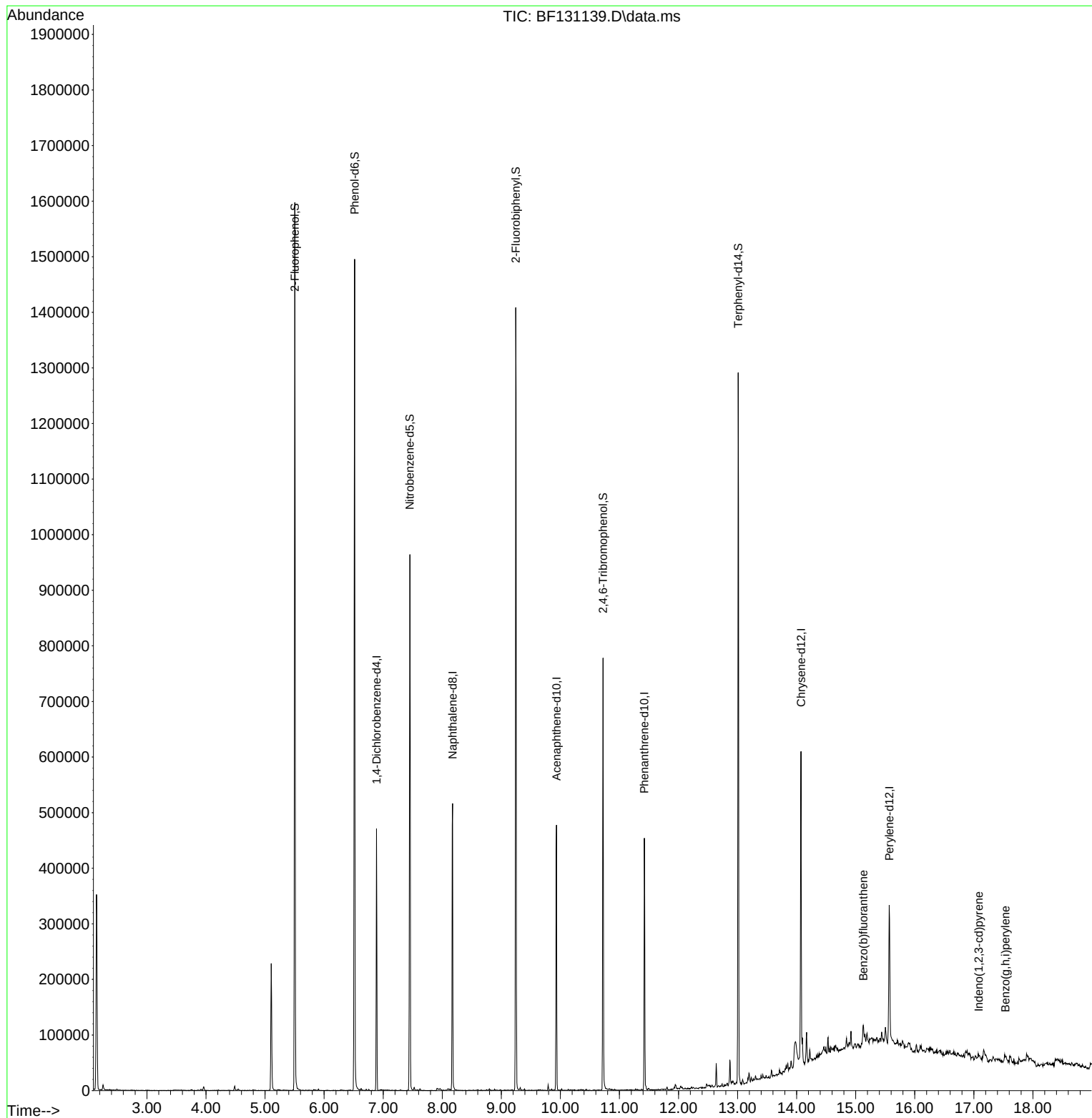
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131139.D
Acq On : 10 Nov 2022 23:44
Operator : CG\JU
Sample : N5494-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

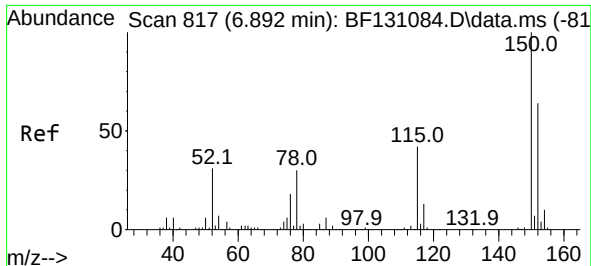
Instrument :
BNA_F
ClientSampleId :
SB-20

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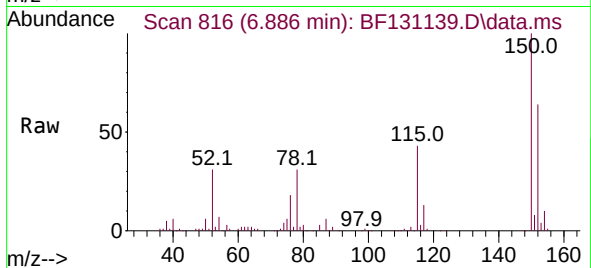
Quant Time: Nov 11 00:52:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

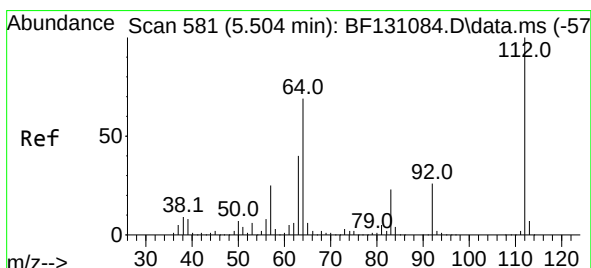
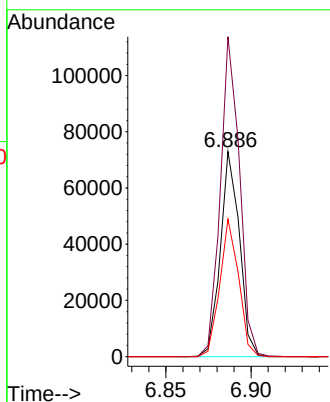
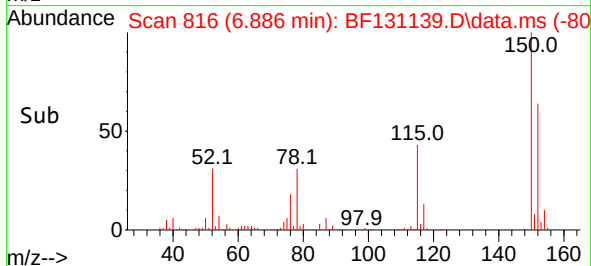
Instrument :
BNA_F
ClientSampleId :
SB-20



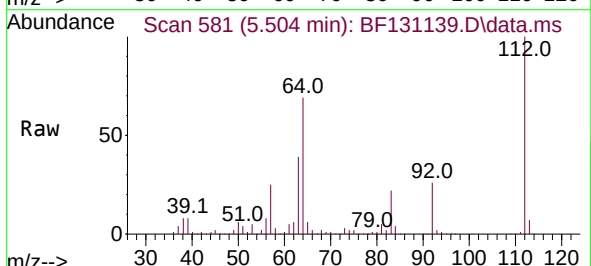
Tgt Ion:152 Resp: 56627
Ion Ratio Lower Upper
152 100
150 156.1 125.5 188.3
115 67.0 52.2 78.2

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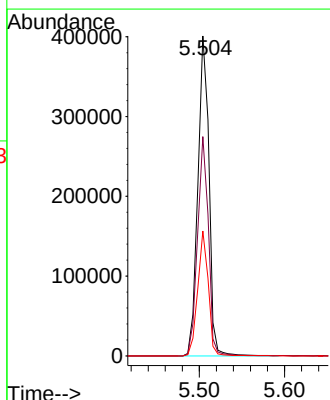
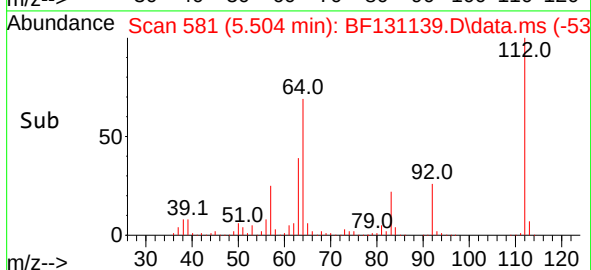
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

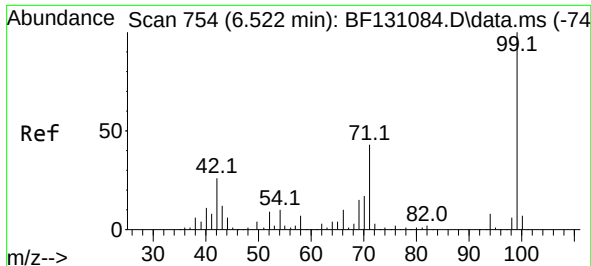


#5
2-Fluorophenol
Concen: 109.285 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44



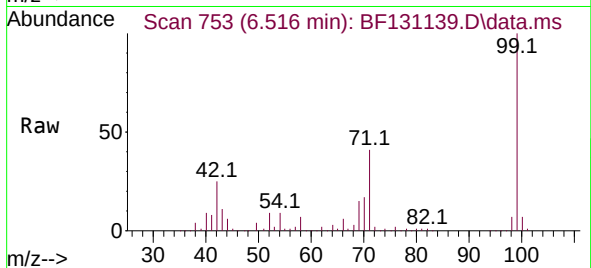
Tgt Ion:112 Resp: 363896
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 39.0 32.4 48.6





#7
Phenol-d6
Concen: 97.508 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

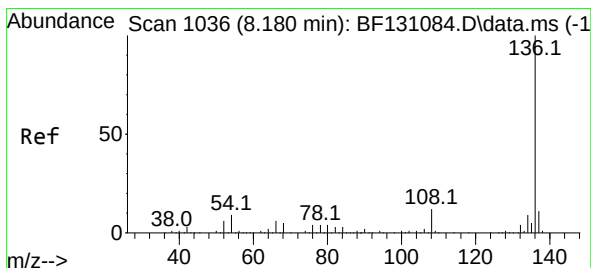
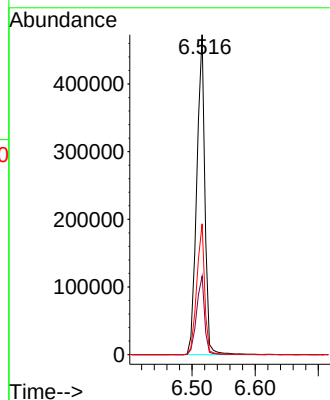
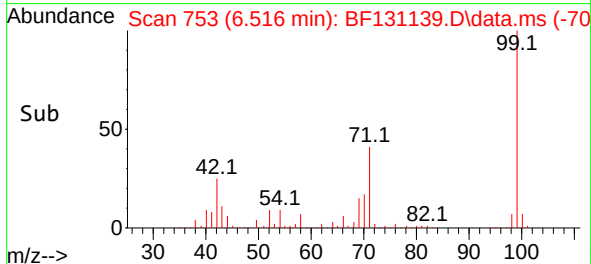
Instrument :
BNA_F
ClientSampleId :
SB-20



Tgt Ion: 99 Resp: 424479
Ion Ratio Lower Upper
99 100
42 24.5 20.8 31.2
71 40.9 34.2 51.4

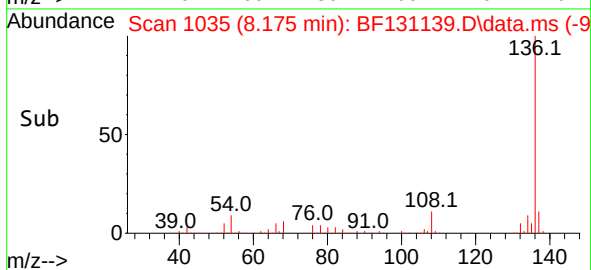
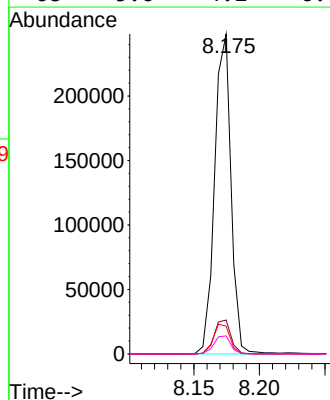
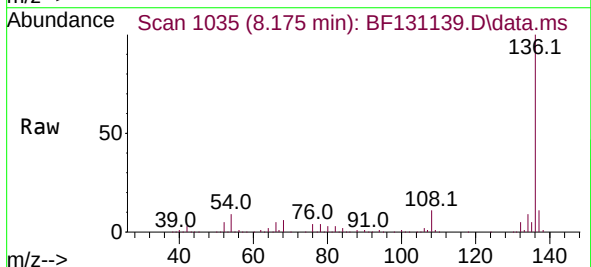
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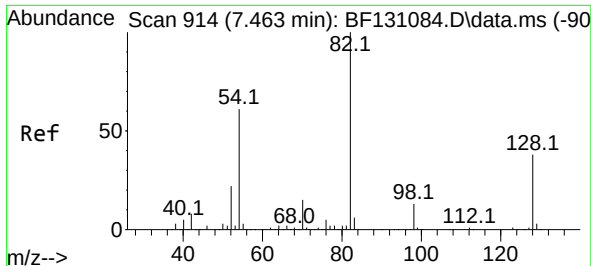
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:136 Resp: 216365
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.7 7.2 10.8
68 5.6 4.2 6.4





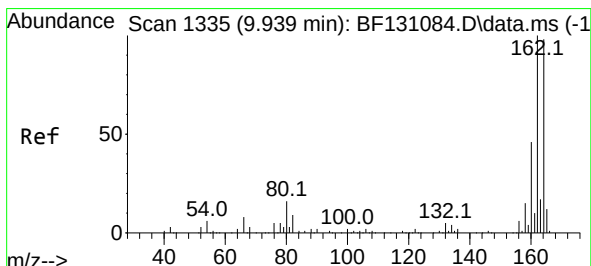
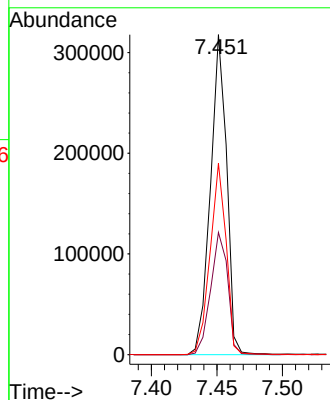
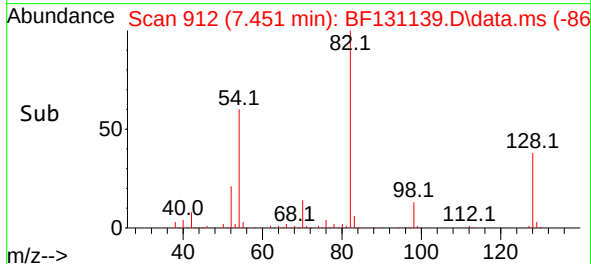
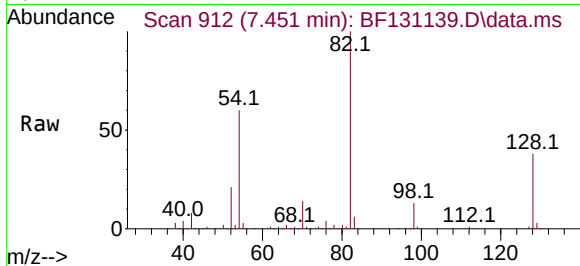
#23
Nitrobenzene-d5
Concen: 57.158 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
SB-20

Tgt Ion: 82 Resp: 274099
Ion Ratio Lower Upper
82 100
128 38.2 30.5 45.7
54 59.8 49.1 73.7

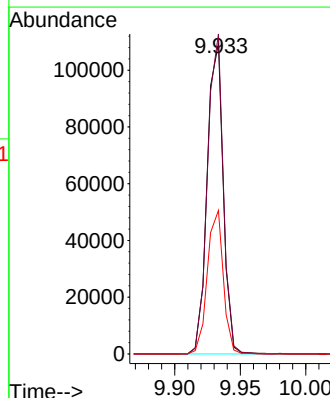
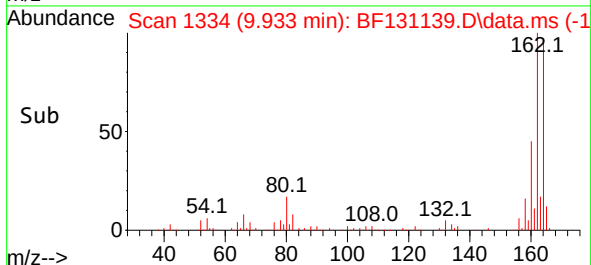
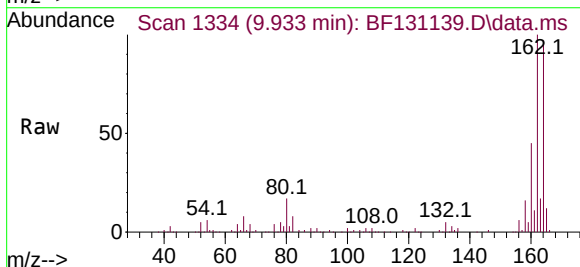
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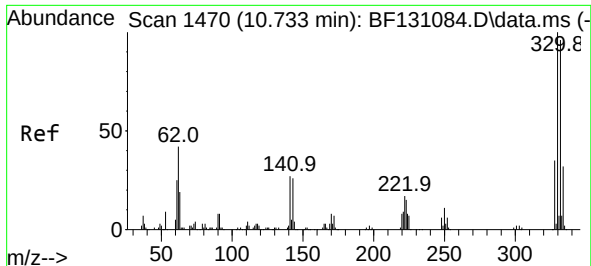
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Tgt Ion:164 Resp: 93056
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 46.2 37.4 56.2





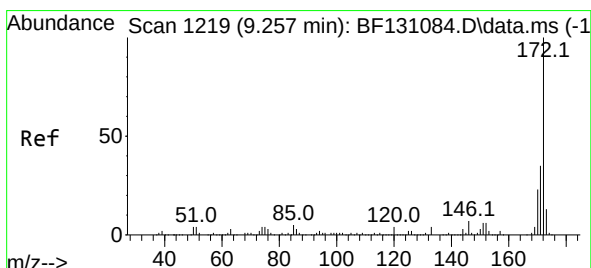
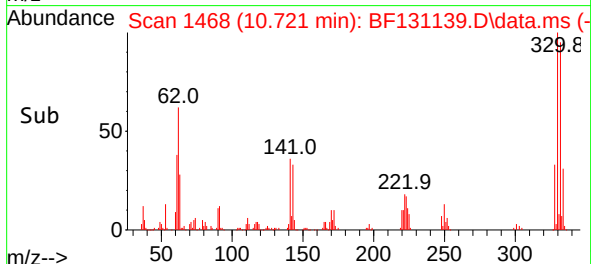
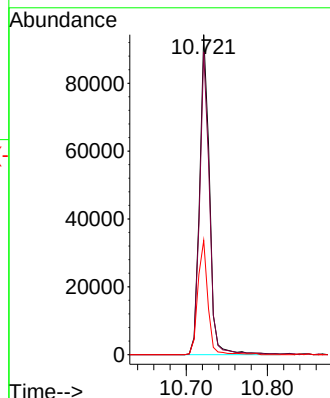
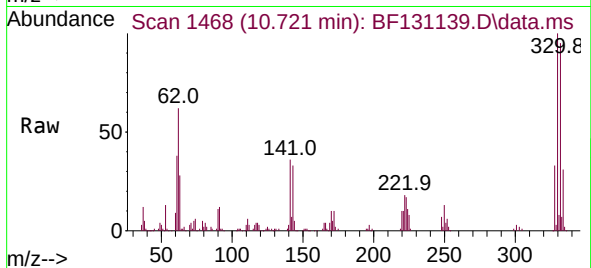
#42
2,4,6-Tribromophenol
Concen: 82.475 ng
RT: 10.721 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
SB-20

Tgt Ion: 330 Resp: 7931
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.4
141 36.1 28.5 42.7

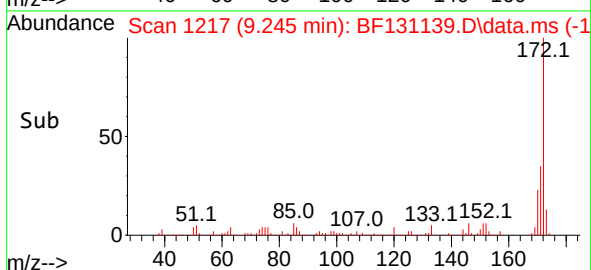
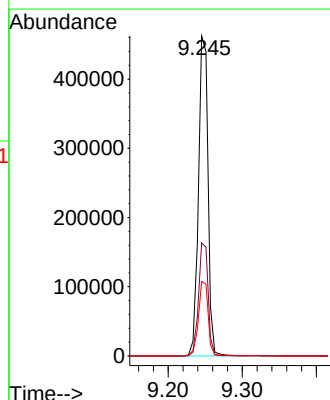
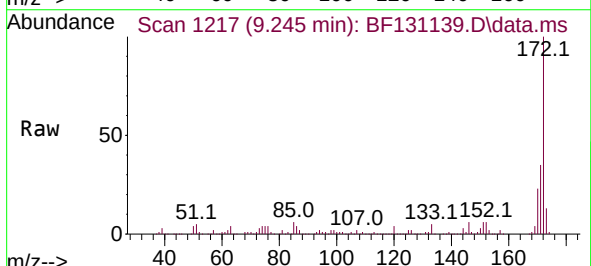
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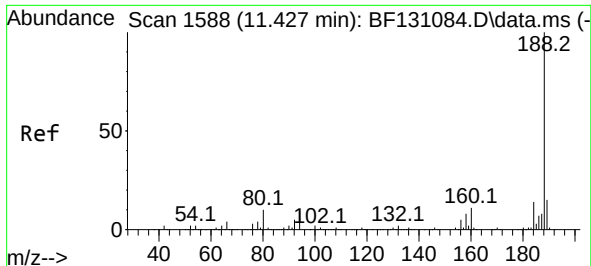
Reviewed By : Christian Giraldo 11/11/2022
Supervised By : Jagrut Upadhyay 11/11/2022



#45
2-Fluorobiphenyl
Concen: 62.175 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

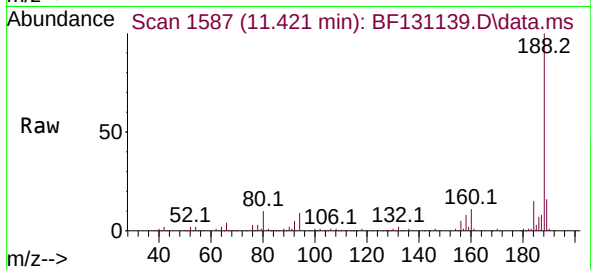
Tgt Ion: 172 Resp: 414459
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

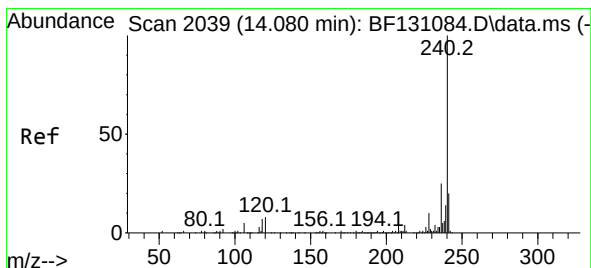
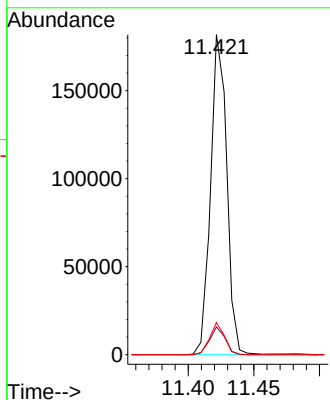
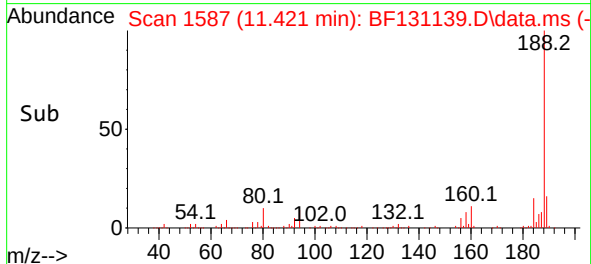
Instrument :
BNA_F
ClientSampleId :
SB-20



Tgt Ion:188 Resp: 156180
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.0 7.9 11.9

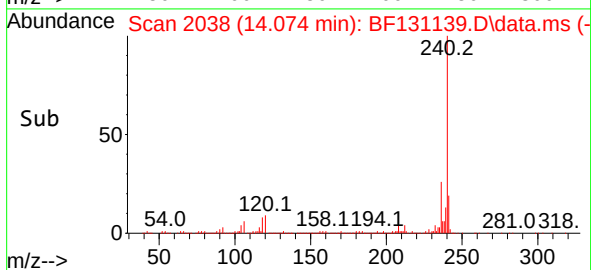
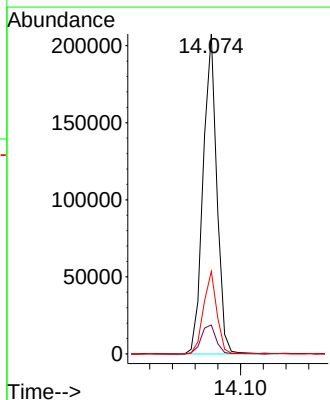
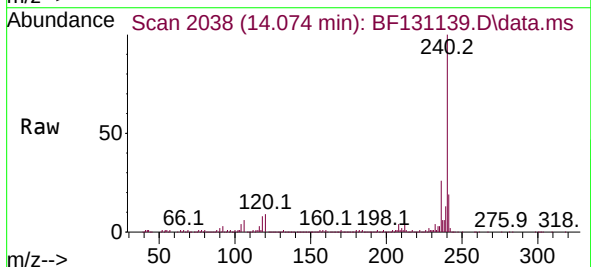
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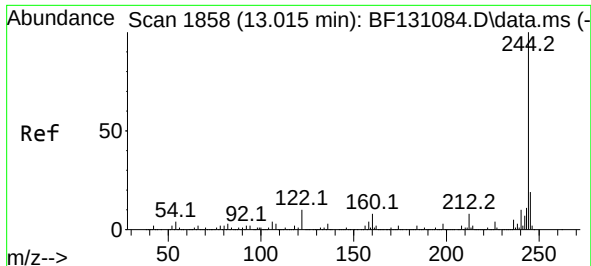
Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

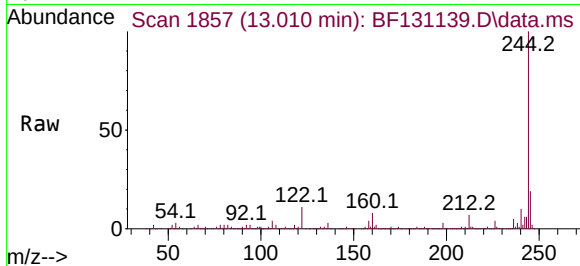
Tgt Ion:240 Resp: 174673
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 25.8 19.7 29.5





#79
Terphenyl-d14
Concen: 42.181 ng
RT: 13.010 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44

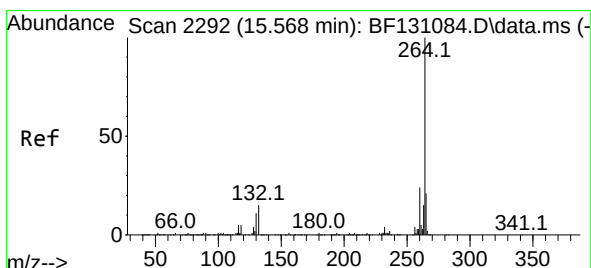
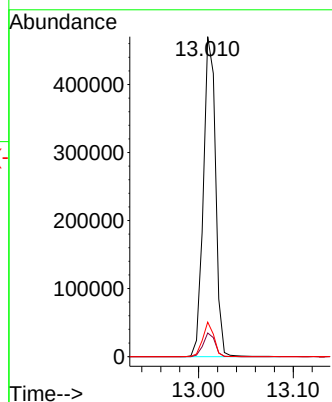
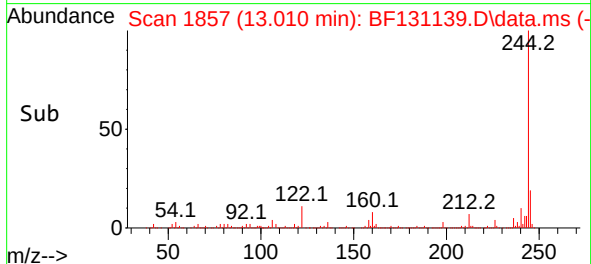
Instrument :
BNA_F
ClientSampleId :
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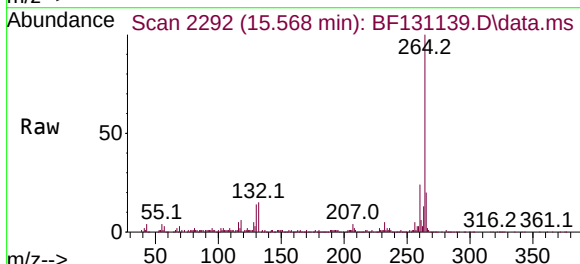
Tgt Ion:244 Resp: 420227
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.8 7.8 11.8

Manual Integrations
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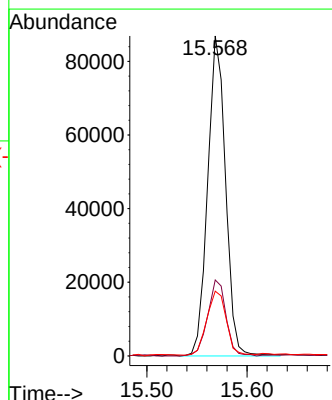
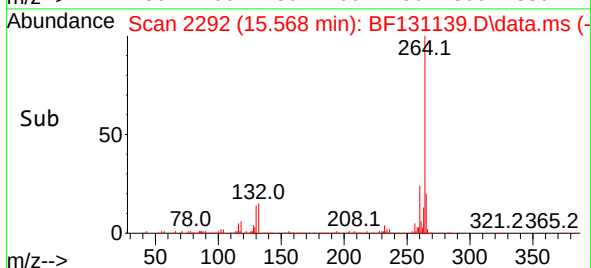
Reviewed By :Christian Giraldo 11/11/2022
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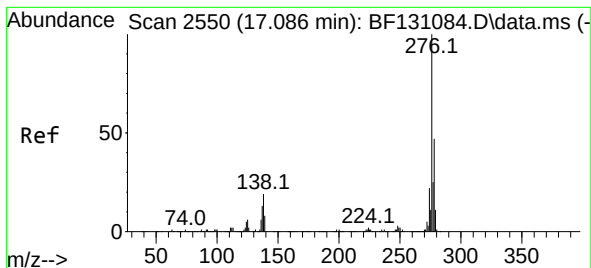


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF131139.D
Acq: 10 Nov 2022 23:44



Tgt Ion:264 Resp: 107283
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 20.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.513 ng

RT: 17.080 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BF131139.D

Acq: 10 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

SB-20

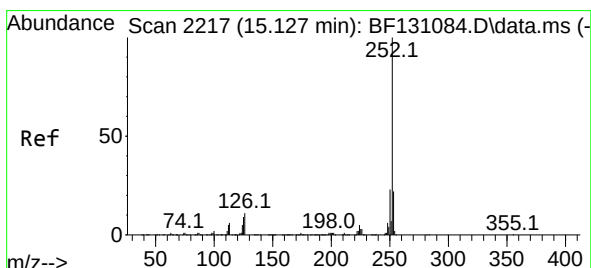
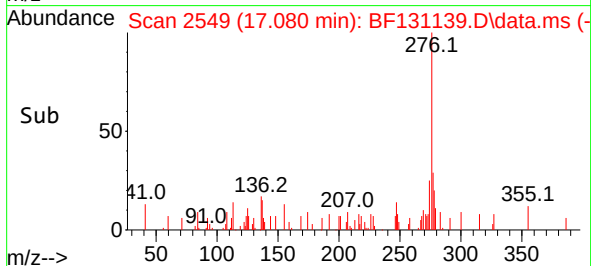
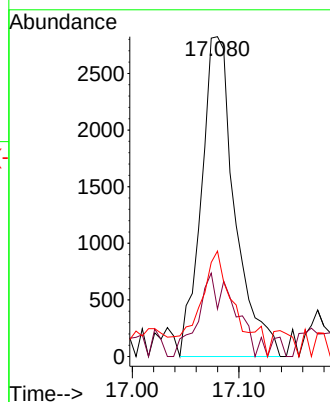
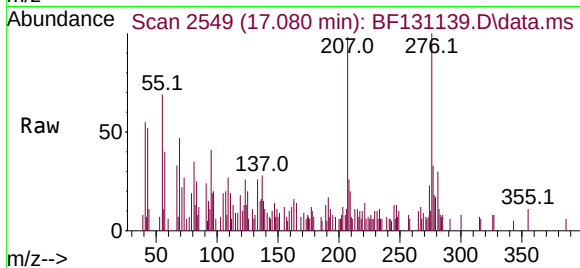
Tgt Ion:	276	Resp:	6188
Ion Ratio	Lower	Upper	
276	100		
138	28.3	16.9	25.3
277	34.3	20.3	30.5

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 2.061 ng m

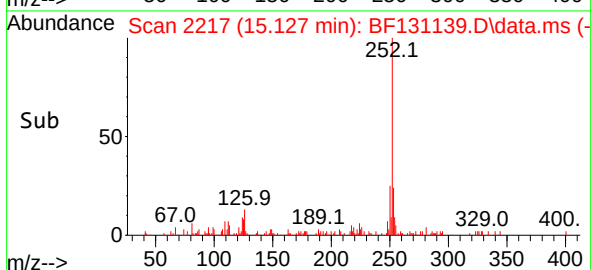
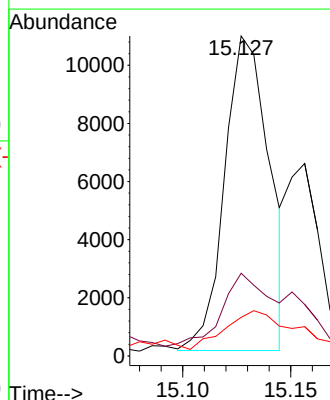
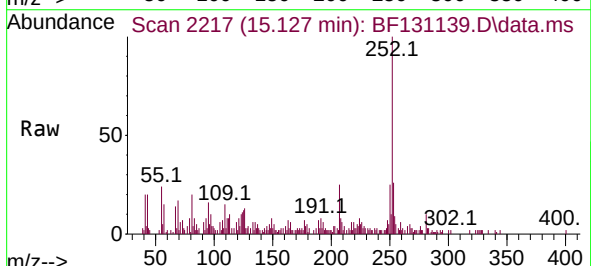
RT: 15.127 min Scan# 2217

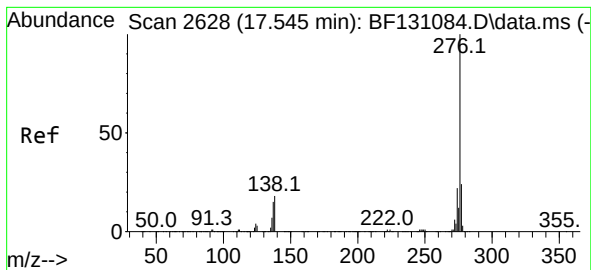
Delta R.T. 0.000 min

Lab File: BF131139.D

Acq: 10 Nov 2022 23:44

Tgt Ion:	252	Resp:	15630
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.3	25.9
125	12.0	7.2	10.8





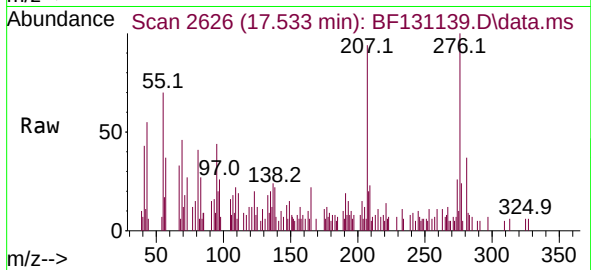
#92
 Benzo(g,h,i)perylene
 Concen: 5.188 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF131139.D
 Acq: 10 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

SB-20



Tgt Ion: 276 Resp: 6821
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.0 28.4
 138 22.2 14.6 21.8

Manual Integrations

APPROVED

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

