

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131647.D
 Acq On : 15 Dec 2022 14:02
 Operator : CG\JU
 Sample : N6038-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-30-(1.5-3.5)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 01:50:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65566	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	239343	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	140510	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	272034	20.000	ng	0.00
76) Chrysene-d12	14.080	240	147928	20.000	ng	0.00
86) Perylene-d12	15.580	264	137872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	463415	117.913	ng	0.00
7) Phenol-d6	6.510	99	610837	118.605	ng	0.00
23) Nitrobenzene-d5	7.445	82	427337	67.502	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	175864	112.653	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	694476	62.319	ng	0.00
79) Terphenyl-d14	13.022	244	759983	70.456	ng	0.00
Target Compounds						Qvalue
78) Pyrene	12.874	202	41855	2.869	ng	97
88) Benzo(b)fluoranthene	15.139	252	27456m	3.021	ng	
90) Benzo(a)pyrene	15.515	252	22985	2.964	ng	95

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

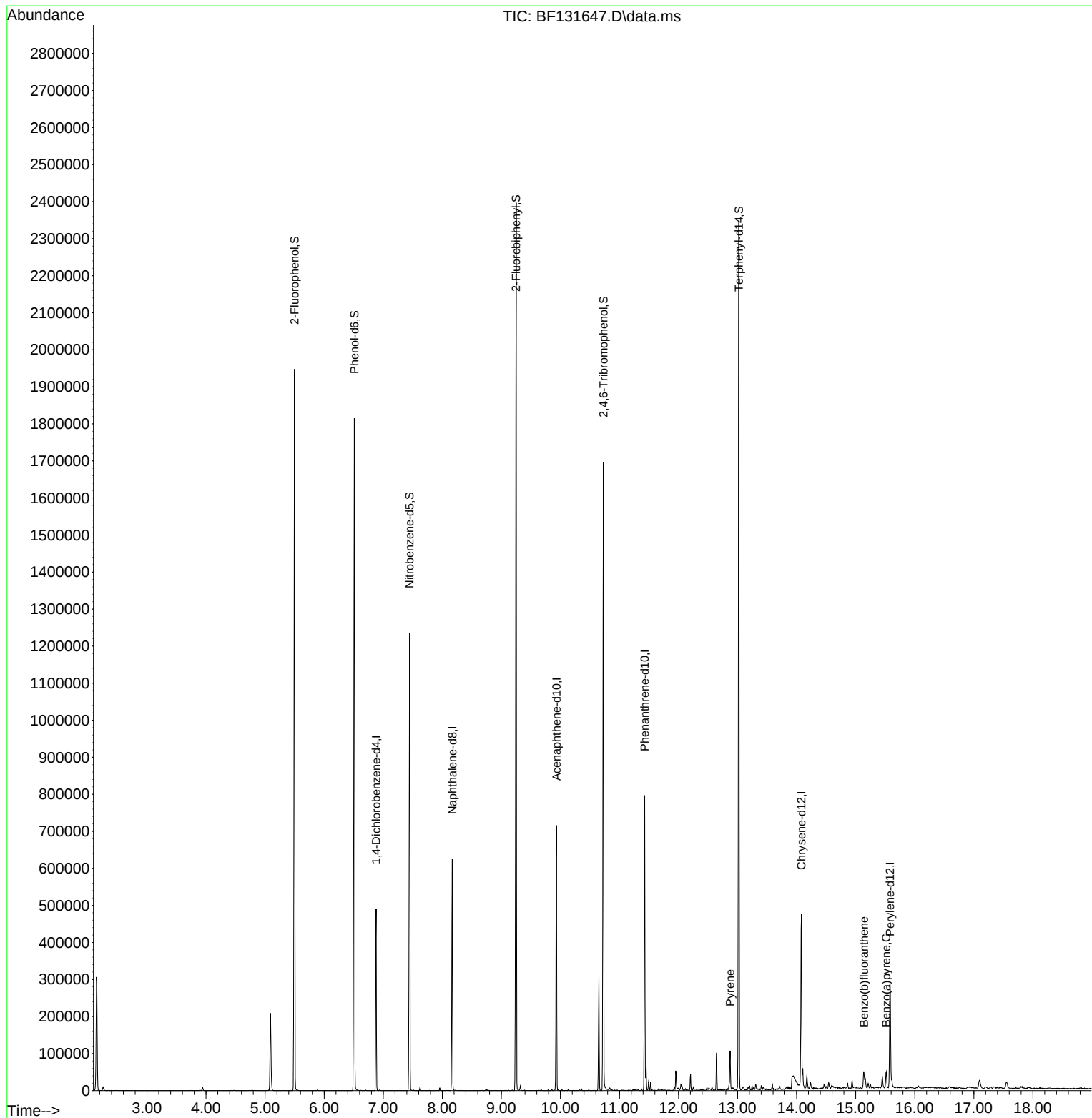
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131647.D
Acq On : 15 Dec 2022 14:02
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Sample : N6038-03
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ALS Vial : 8 Sample Multiplier: 1

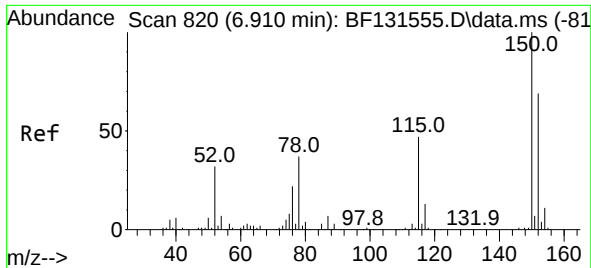
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)

Quant Time: Dec 16 01:50:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
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Manual Integrations
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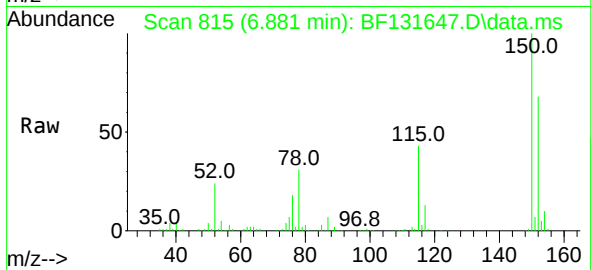
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

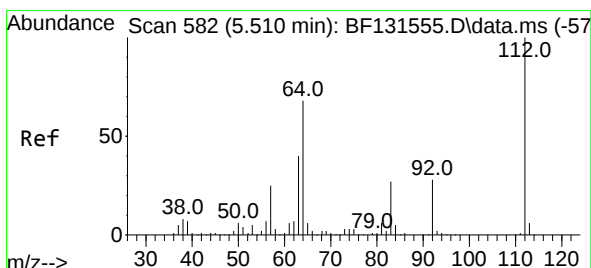
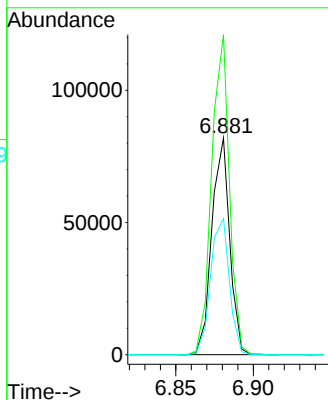
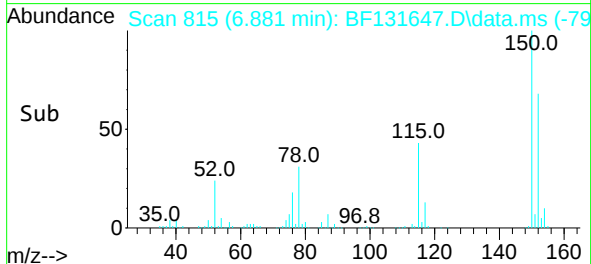
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)



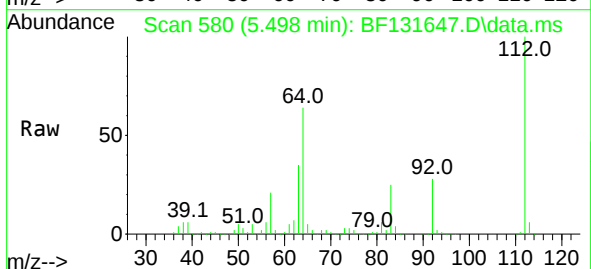
Tgt Ion:152 Resp: 65560
Ion Ratio Lower Upper
152 100
150 147.7 116.7 175.1
115 62.8 54.6 82.0

Manual Integrations
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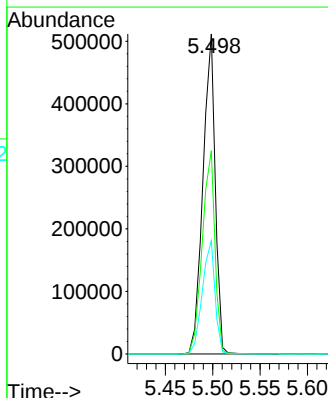
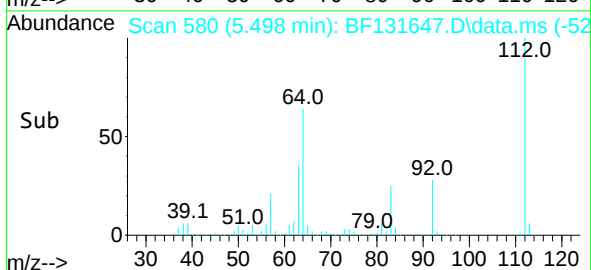
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

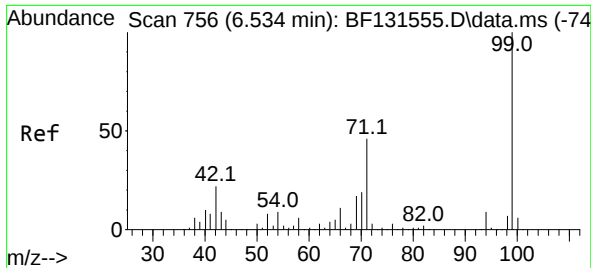


#5
2-Fluorophenol
Concen: 117.913 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02



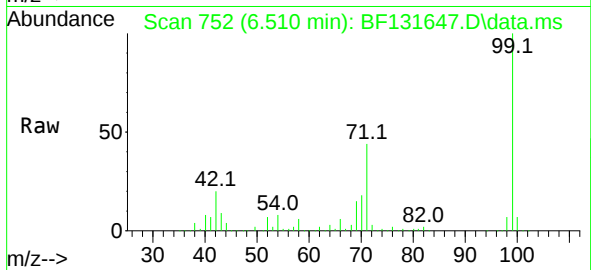
Tgt Ion:112 Resp: 463415
Ion Ratio Lower Upper
112 100
64 63.5 54.5 81.7
63 35.4 31.9 47.9





#7
Phenol-d6
Concen: 118.605 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

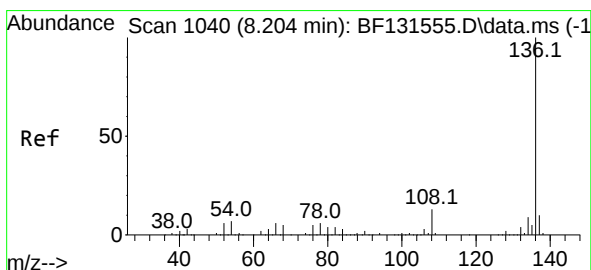
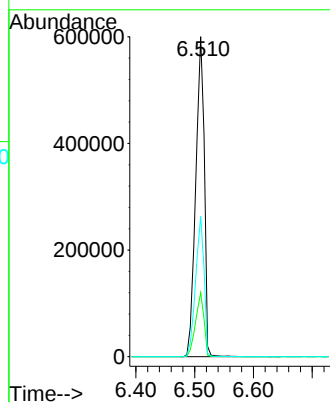
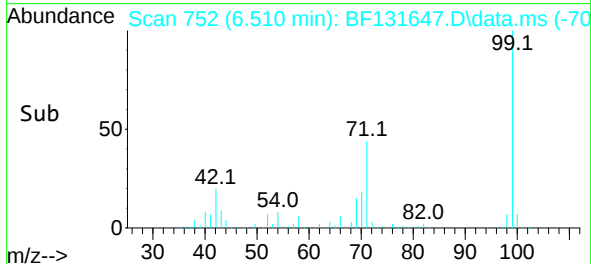
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)



Tgt Ion: 99 Resp: 61083
Ion Ratio Lower Upper
99 100
42 20.0 17.9 26.9
71 43.8 37.2 55.8

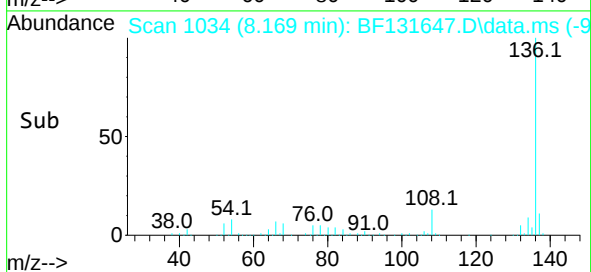
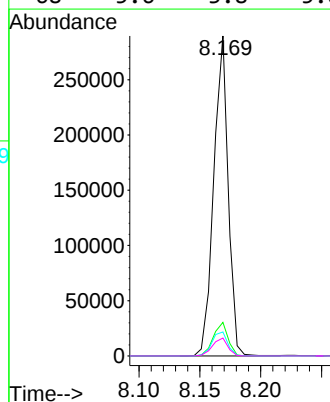
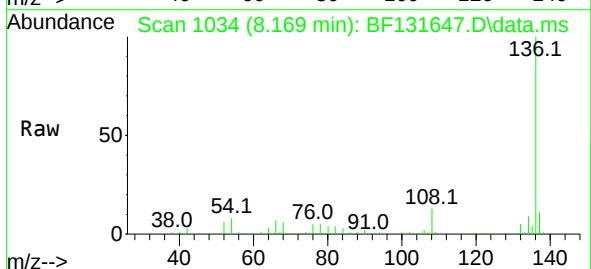
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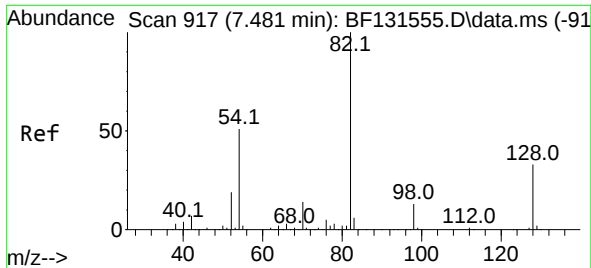
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

Tgt Ion:136 Resp: 239343
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.5 6.0 9.0
68 5.6 3.8 5.8





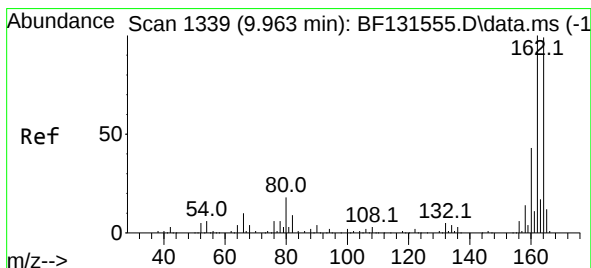
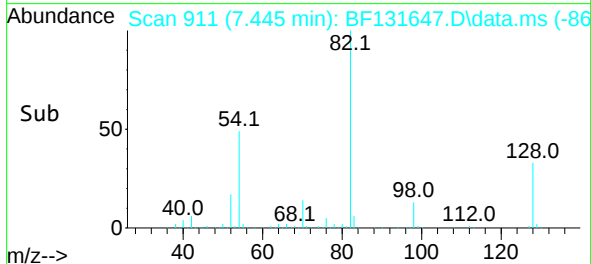
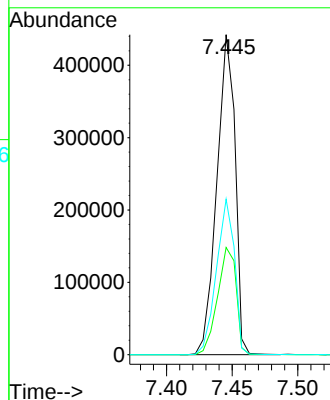
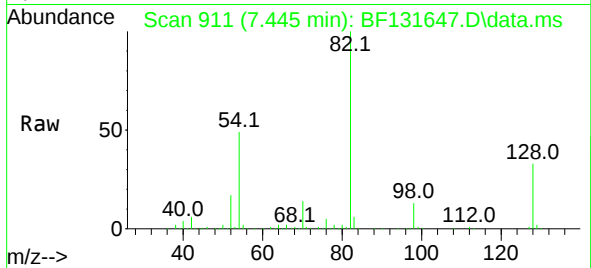
#23
Nitrobenzene-d5
Concen: 67.502 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)

Tgt Ion: 82 Resp: 42733
Ion Ratio Lower Upper
82 100
128 33.5 26.1 39.1
54 48.6 40.6 60.8

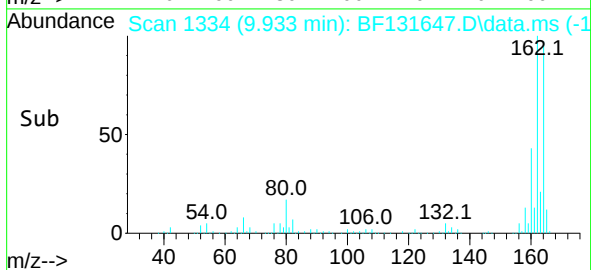
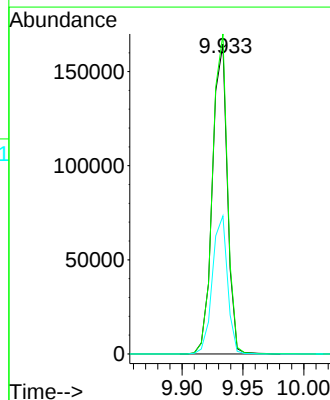
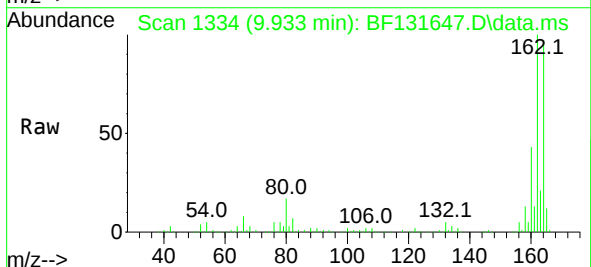
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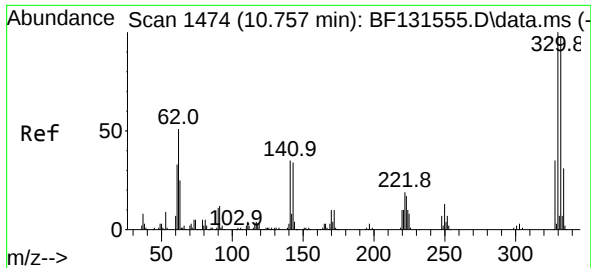
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

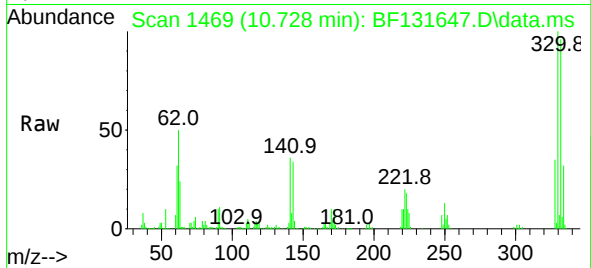
Tgt Ion:164 Resp: 140510
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.6
160 44.6 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 112.653 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

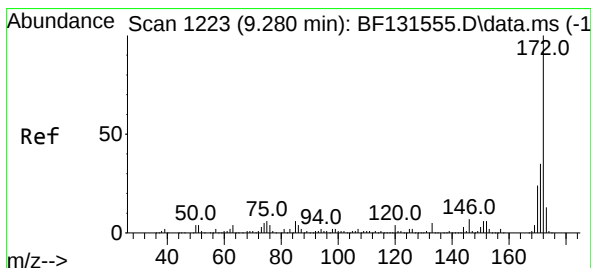
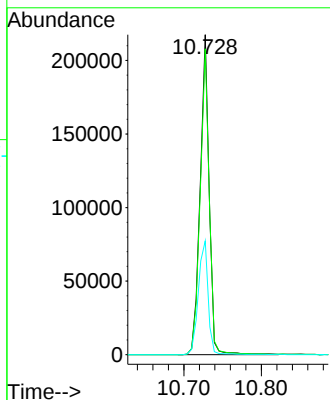
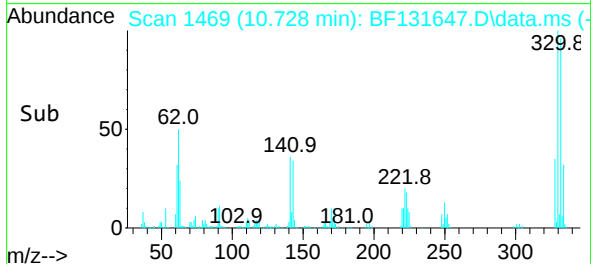
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)



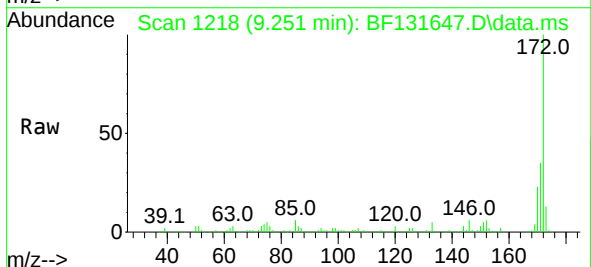
Tgt Ion: 330 Resp: 175864
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 39.0 32.6 49.0

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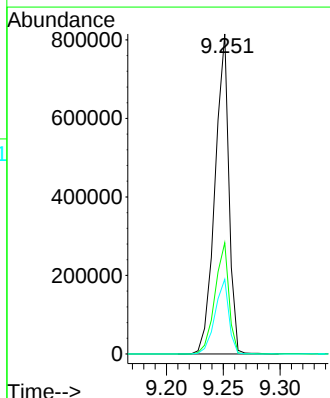
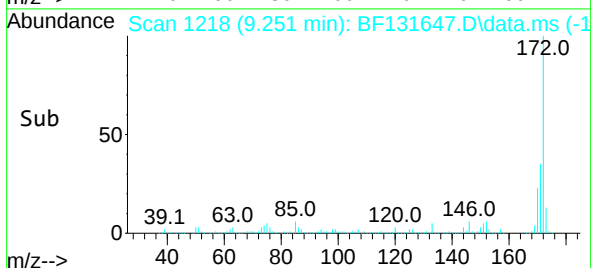
Reviewed By : Jagrut Upadhyay 12/16/2022
Supervised By : mohammad ahmed 12/17/2022

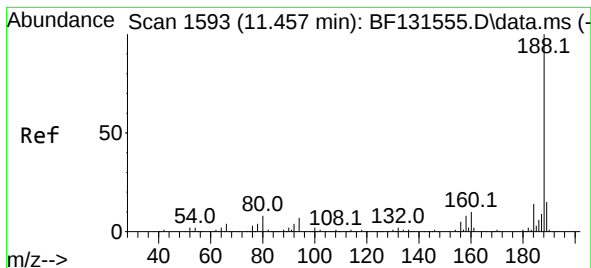


#45
2-Fluorobiphenyl
Concen: 62.319 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02



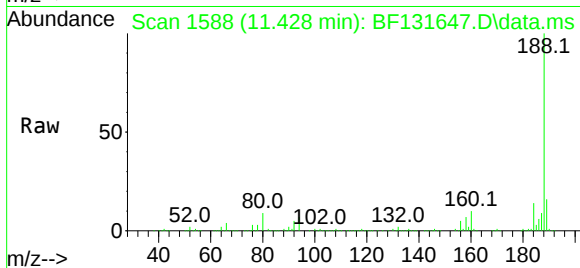
Tgt Ion: 172 Resp: 694476
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

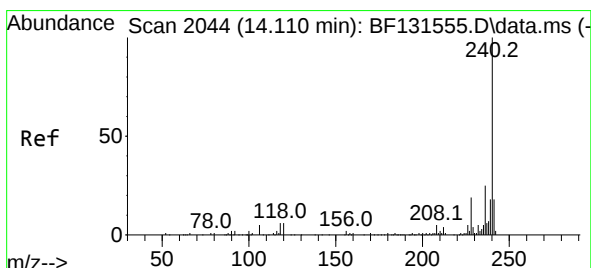
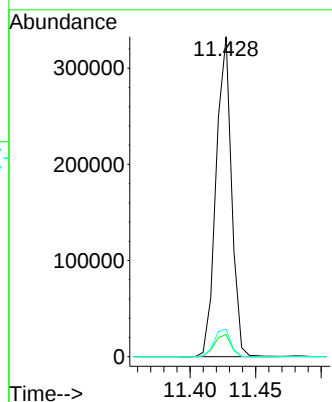
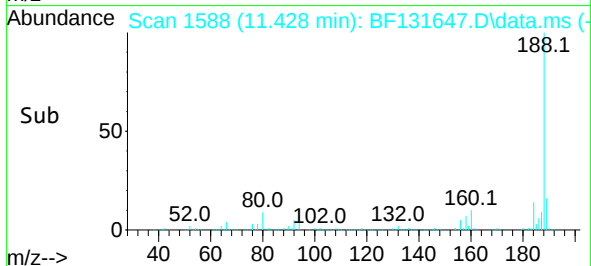
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)



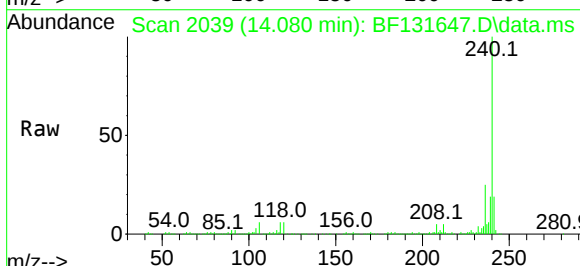
Tgt Ion:188 Resp: 272034
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.5 6.6 10.0

Manual Integrations
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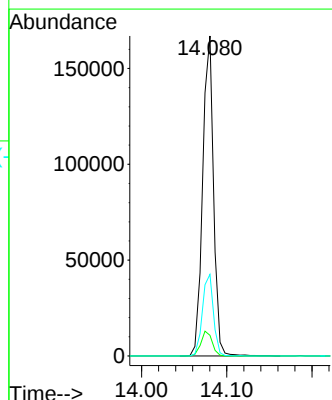
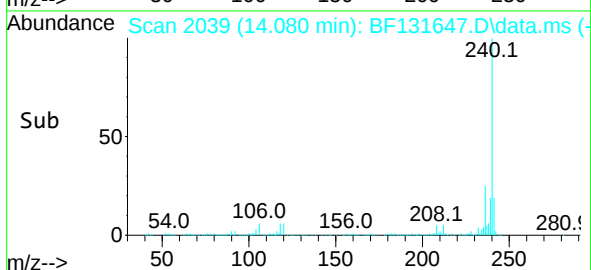
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

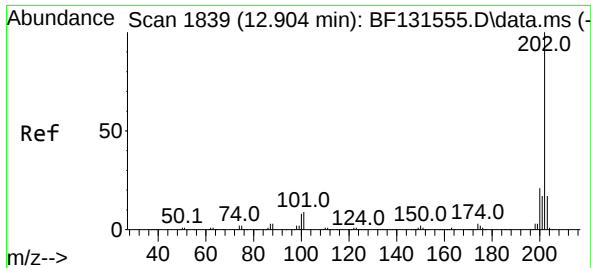


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02



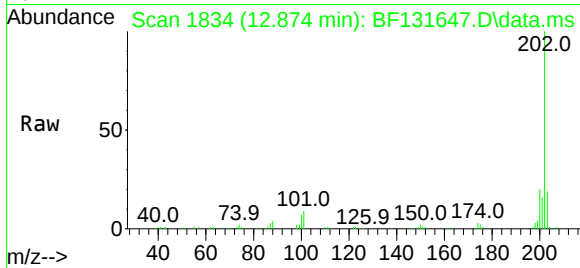
Tgt Ion:240 Resp: 147928
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 25.5 20.2 30.2





#78
Pyrene
Concen: 2.869 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

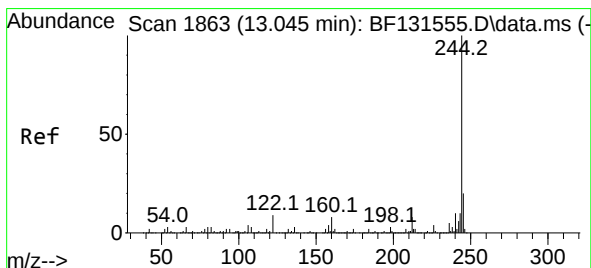
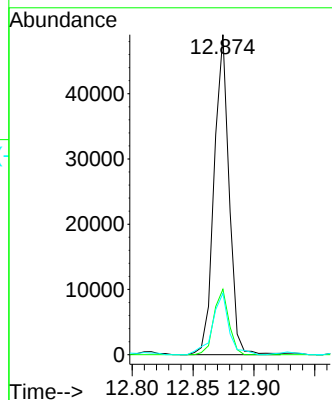
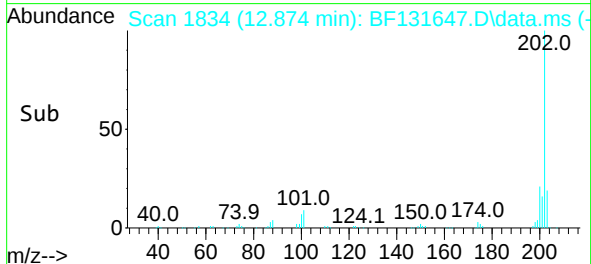
Instrument :
BNA_F
ClientSampleId :
RB-30-(1.5-3.5)



Tgt Ion:202 Resp: 4185
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 19.2 13.8 20.6

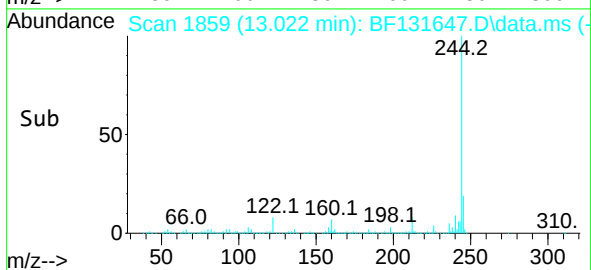
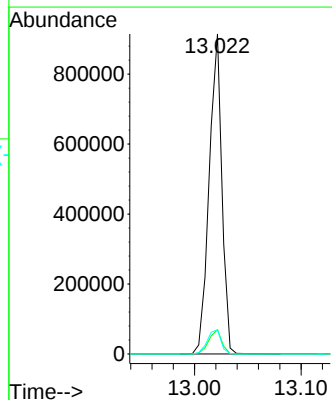
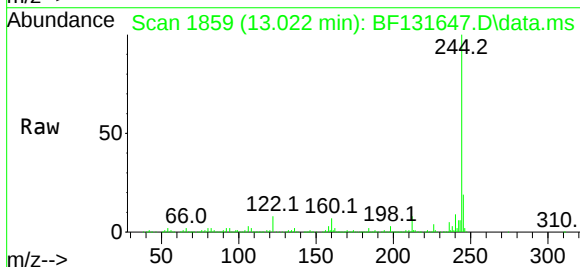
Manual Integrations
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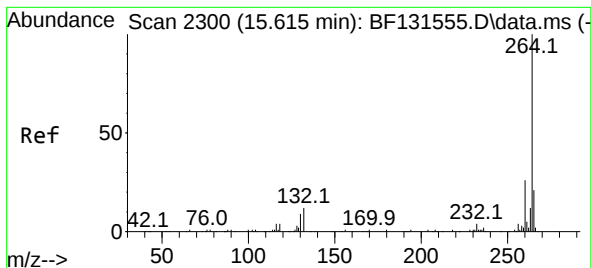
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#79
Terphenyl-d14
Concen: 70.456 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131647.D
Acq: 15 Dec 2022 14:02

Tgt Ion:244 Resp: 759983
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.6 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131647.D

Acq: 15 Dec 2022 14:02

Instrument :

BNA_F

ClientSampleId :

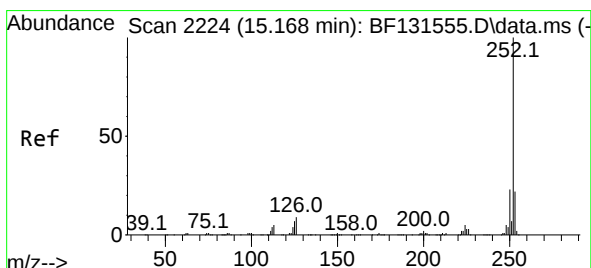
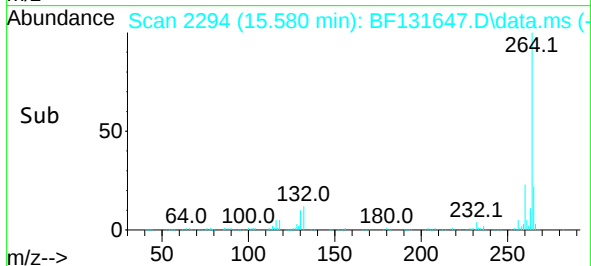
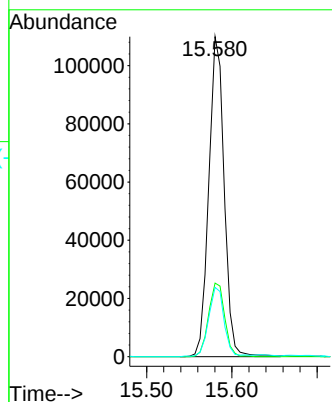
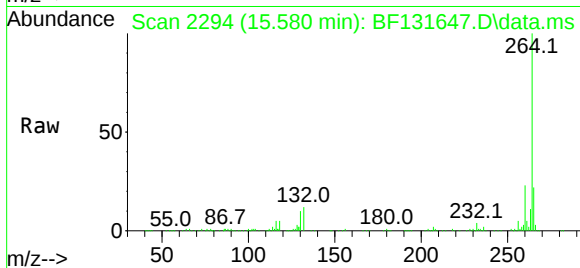
RB-30-(1.5-3.5)

Tgt Ion:264 Resp: 137872
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.6 30.8
 265 21.6 16.8 25.2

Manual Integrations

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#88

Benzo(b)fluoranthene

Concen: 3.021 ng m

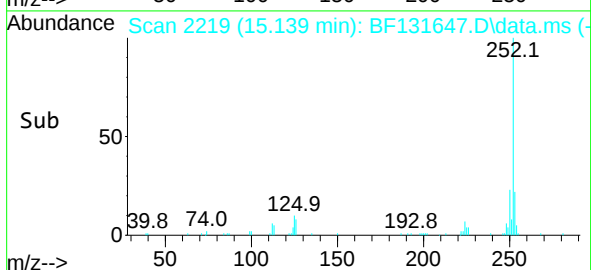
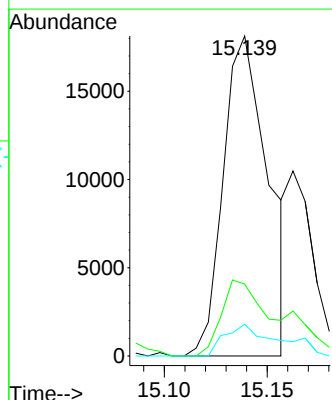
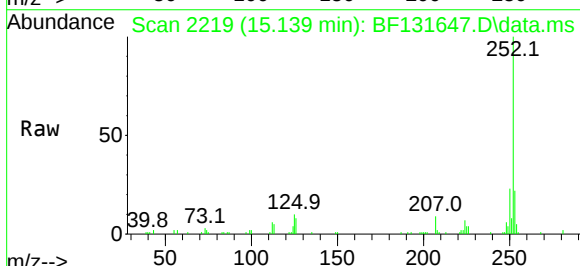
RT: 15.139 min Scan# 2219

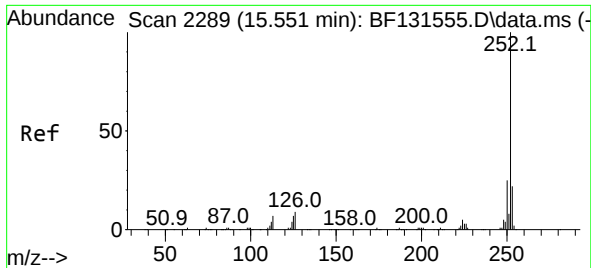
Delta R.T. 0.000 min

Lab File: BF131647.D

Acq: 15 Dec 2022 14:02

Tgt Ion:252 Resp: 27456
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 9.9 5.6 8.4#





#90

Benzo(a)pyrene

Concen: 2.964 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131647.D

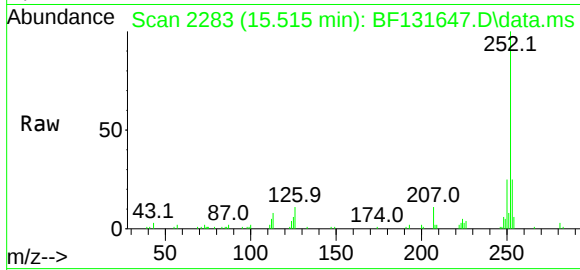
Acq: 15 Dec 2022 14:02

Instrument :

BNA_F

ClientSampleId :

RB-30-(1.5-3.5)



Tgt Ion:252 Resp: 2298

Ion Ratio Lower Upper

252 100

253 24.6 17.5 26.3

125 6.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022

Supervised By :mohammad ahmed 12/17/2022

