

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138551.D
 Acq On : 12 Jul 2024 17:35
 Operator : CG\JU
 Sample : P3207-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24849

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 12 18:32:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80296	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	307518	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	137870	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	158714	20.000	ng	# 0.01
76) Chrysene-d12	14.022	240	158536	20.000	ng	0.00
86) Perylene-d12	15.486	264	146432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	415386	81.931	ng	0.00
7) Phenol-d6	6.498	99	550602	81.636	ng	0.00
23) Nitrobenzene-d5	7.428	82	368782	58.879	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	86352	67.016	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	620369	70.326	ng	0.00
79) Terphenyl-d14	12.969	244	469917	48.289	ng	0.00
Target Compounds						
75) Fluoranthene	12.604	202	16439	2.009	ng	Qvalue 80
84) Bis(2-ethylhexyl)phtha...	13.998	149	18915	3.663	ng	# 97
88) Benzo(b)fluoranthene	15.057	252	20084m	2.435	ng	

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

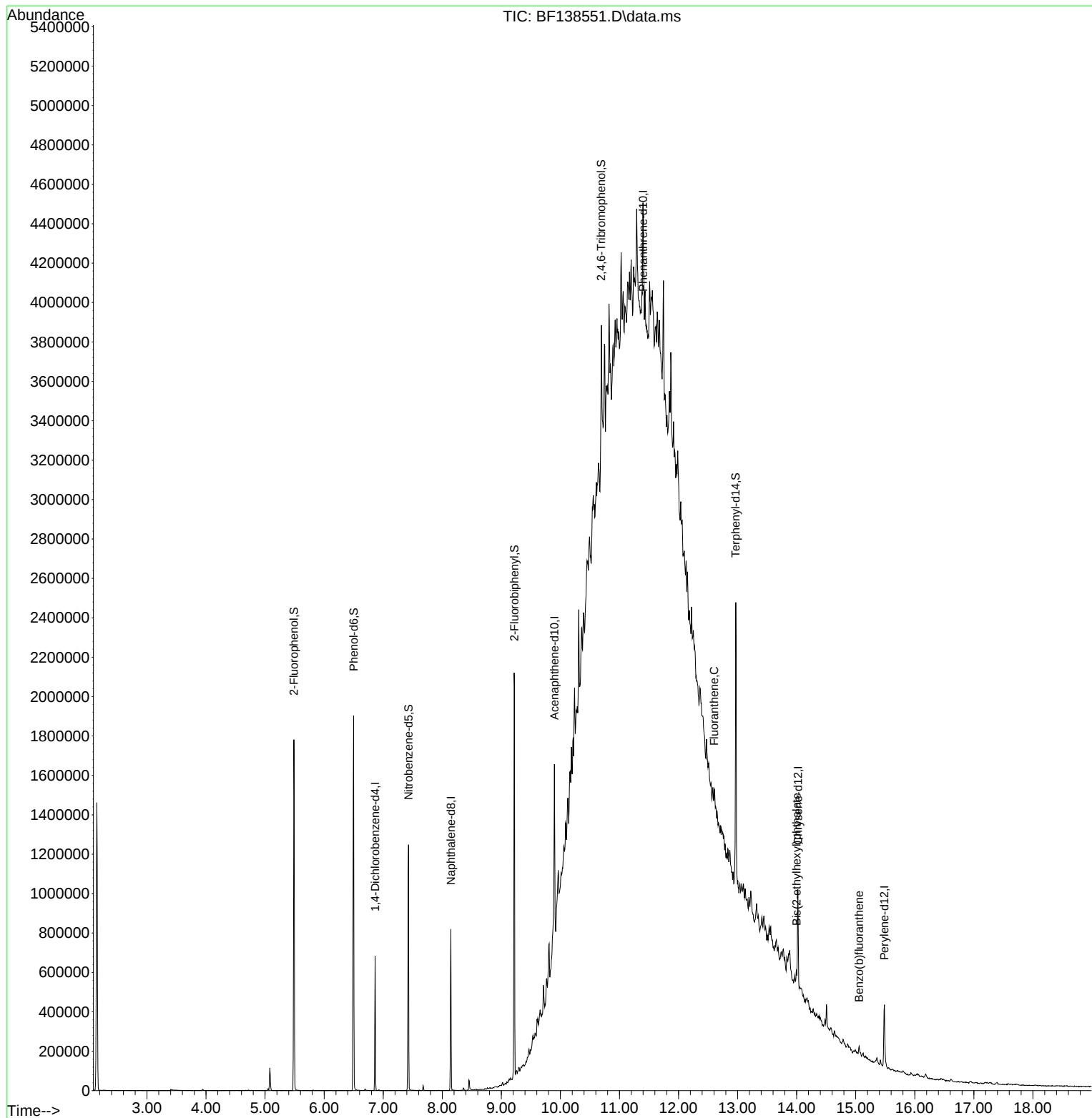
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138551.D
Acq On : 12 Jul 2024 17:35
Operator : CG\JU
Sample : P3207-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

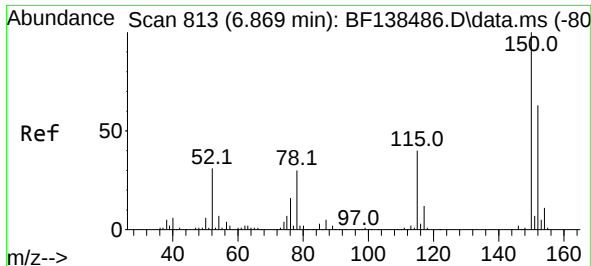
Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
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APPROVED

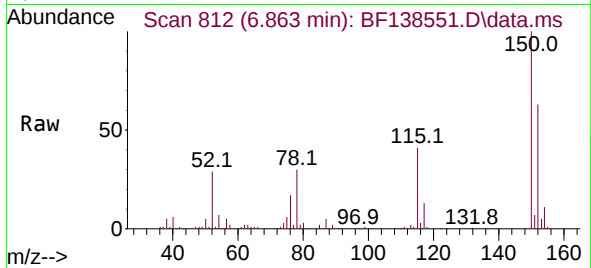
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

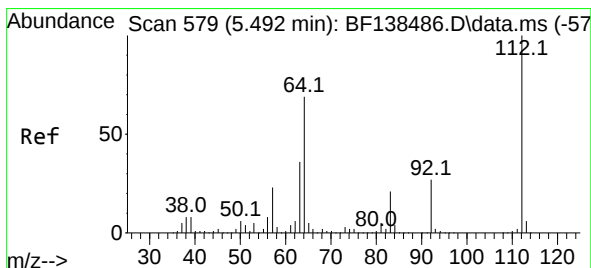
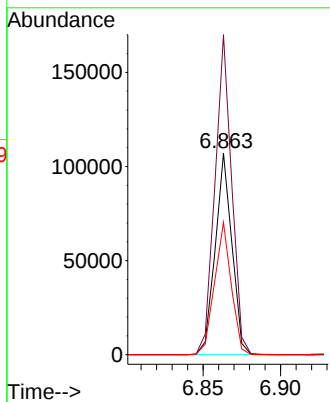
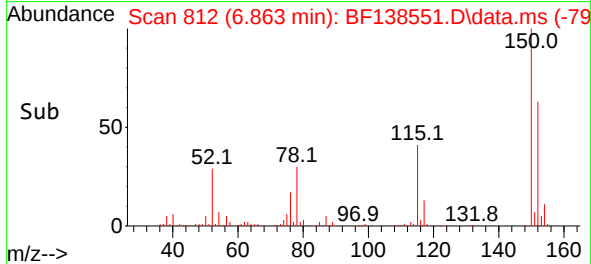
Instrument :
BNA_F
ClientSampleId :
CHRT-24849



Tgt Ion:152 Resp: 80290
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.4
115 65.6 50.3 75.5

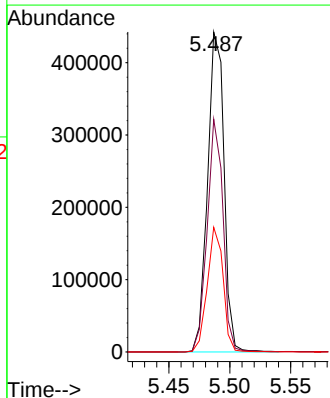
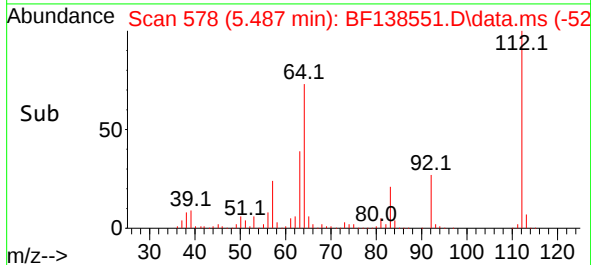
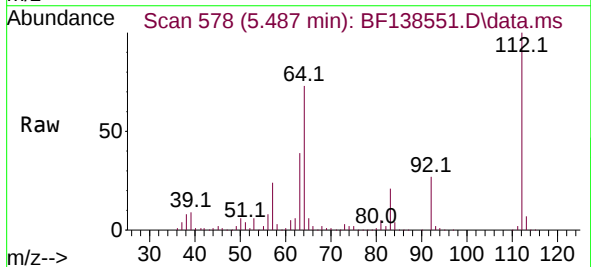
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/19/2024



#5
2-Fluorophenol
Concen: 81.931 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

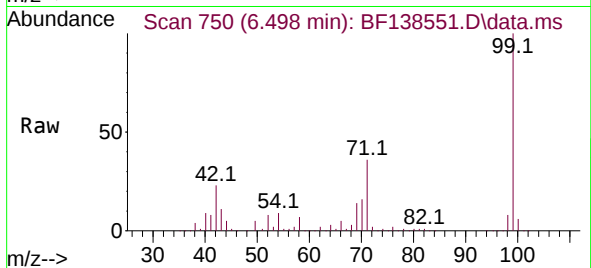
Tgt Ion:112 Resp: 415386
Ion Ratio Lower Upper
112 100
64 72.7 55.1 82.7
63 39.0 29.0 43.6





#7
Phenol-d6
Concen: 81.636 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

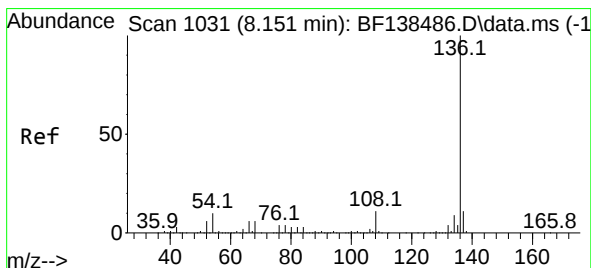
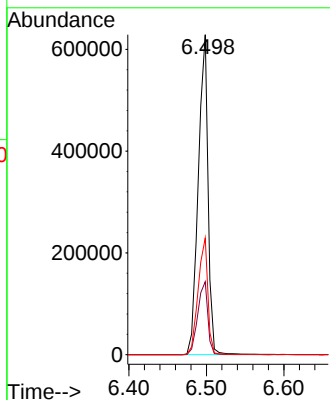
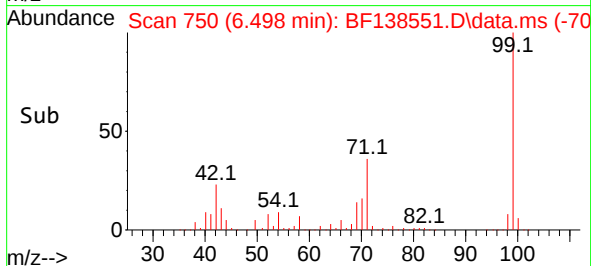
Instrument :
BNA_F
ClientSampleId :
CHRT-24849



Tgt Ion: 99 Resp: 550602
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 36.4 29.9 44.9

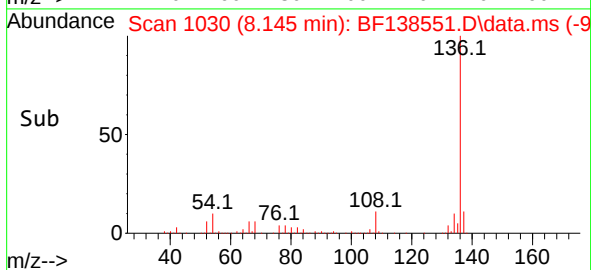
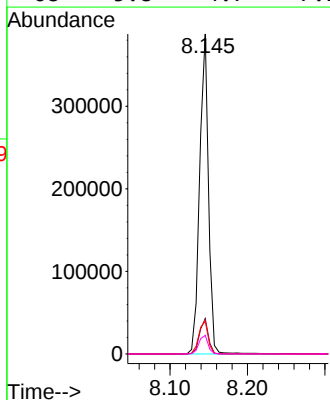
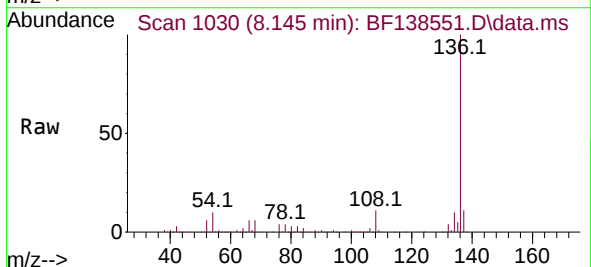
Manual Integrations
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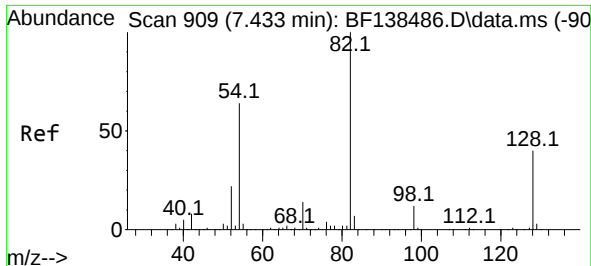
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion:136 Resp: 307518
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.2 8.1 12.1
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 58.879 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

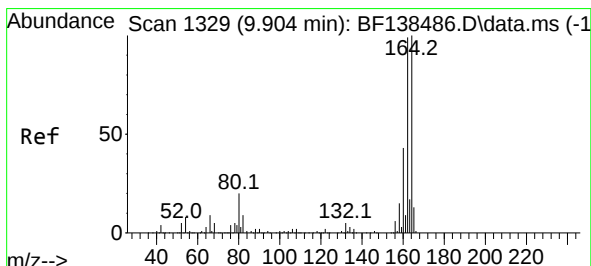
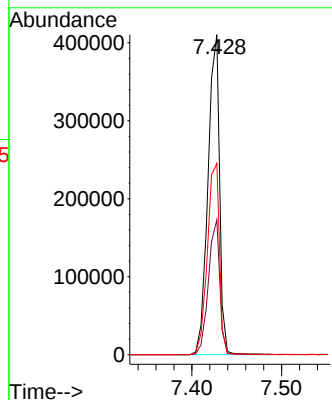
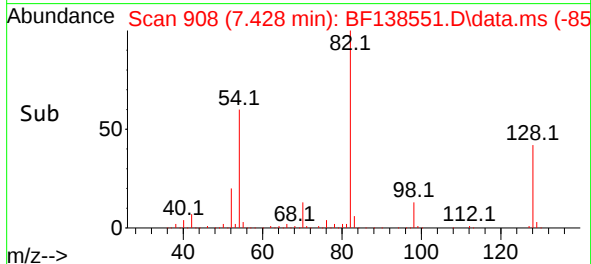
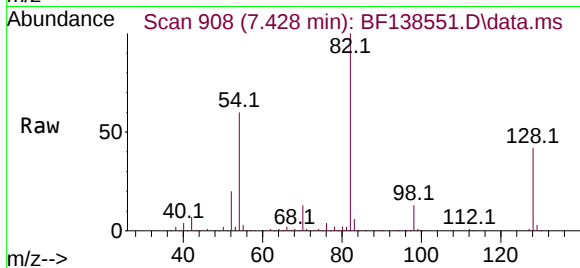
ClientSampleId :

CHRT-24849

Tgt Ion: 82 Resp: 368782
Ion Ratio Lower Upper
82 100
128 42.1 32.3 48.5
54 59.7 51.4 77.0

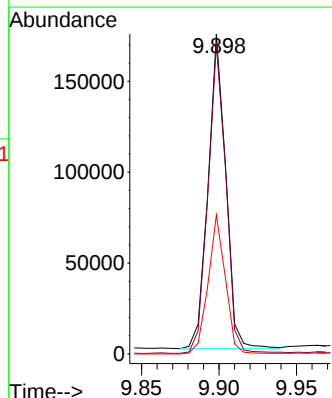
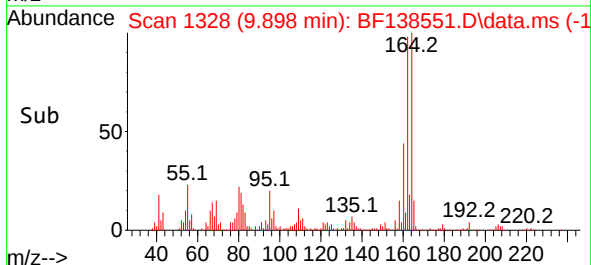
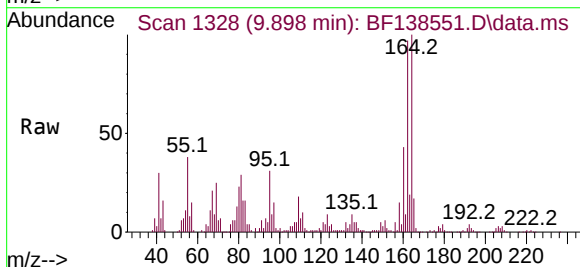
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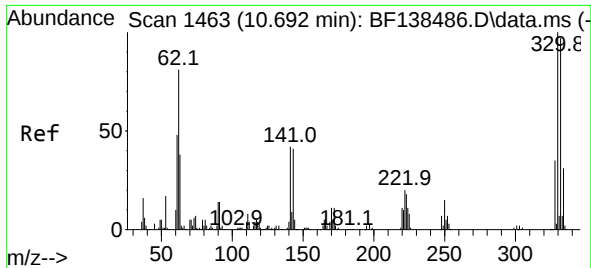
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

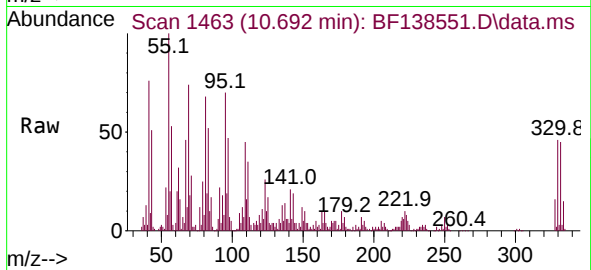
Tgt Ion:164 Resp: 137870
Ion Ratio Lower Upper
164 100
162 96.8 79.0 118.6
160 43.4 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 67.016 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

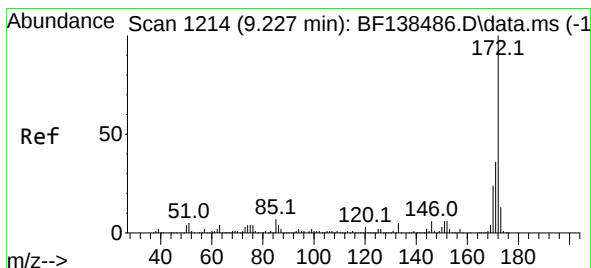
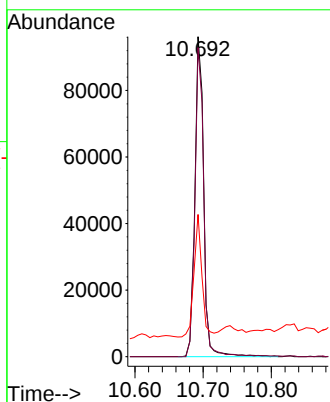
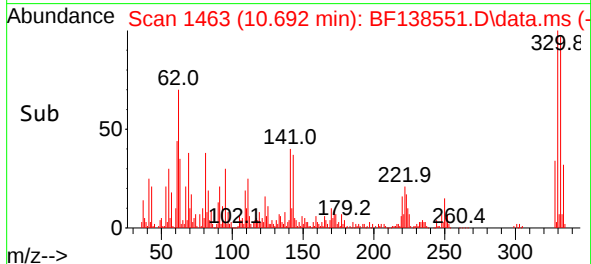
Instrument :
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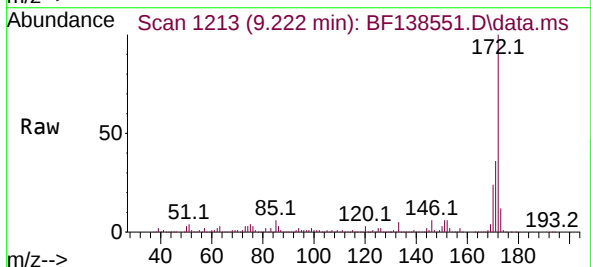
Tgt Ion: 330 Resp: 86352
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 34.6 29.4 44.2

Manual Integrations
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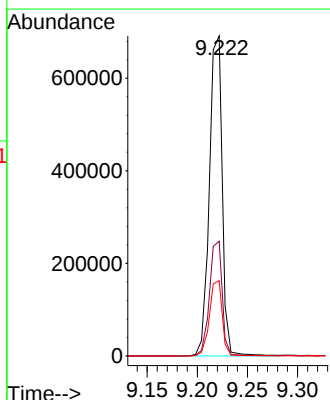
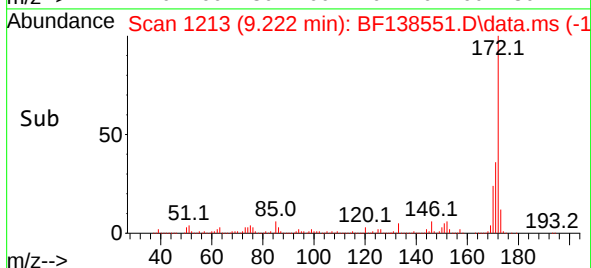
Reviewed By : Yogesh Patel 07/13/2024
Supervised By : mohammad ahmed 07/19/2024

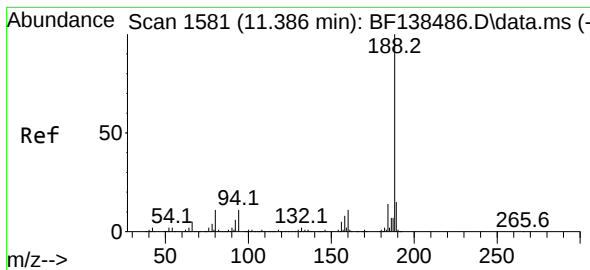


#45
2-Fluorobiphenyl
Concen: 70.326 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35



Tgt Ion: 172 Resp: 620369
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.5 18.9 28.3





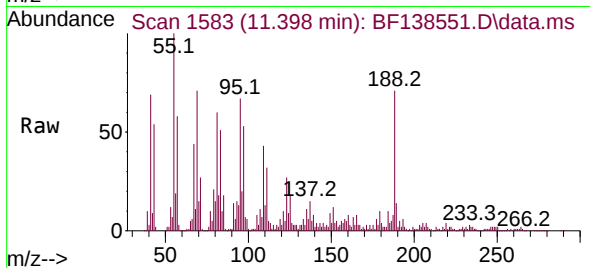
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

CHRT-24849



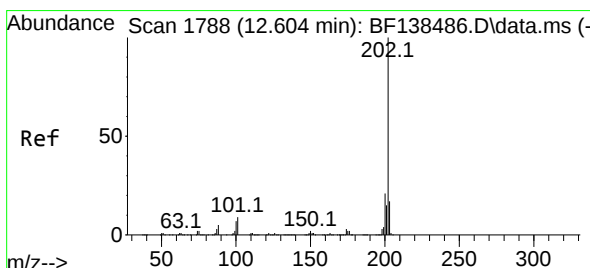
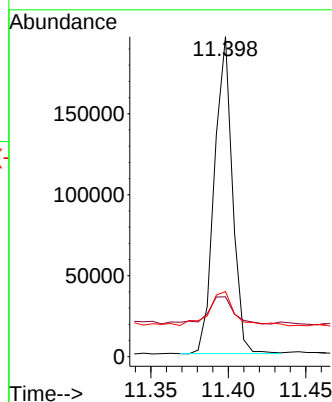
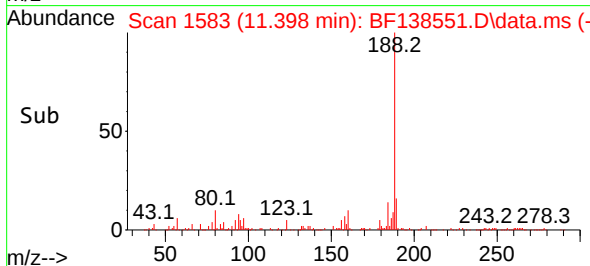
Tgt Ion:188 Resp: 158714
Ion Ratio Lower Upper
188 100
94 18.7 8.7 13.1
80 20.3 9.0 13.4

Manual Integrations

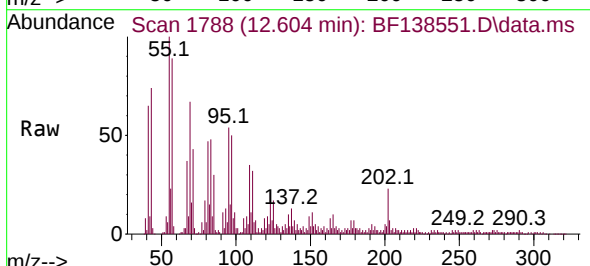
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

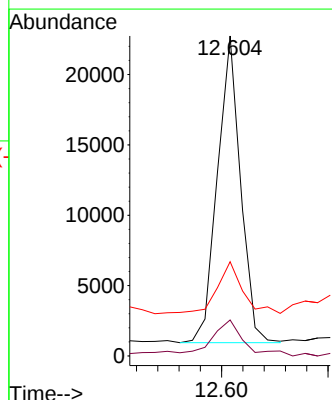
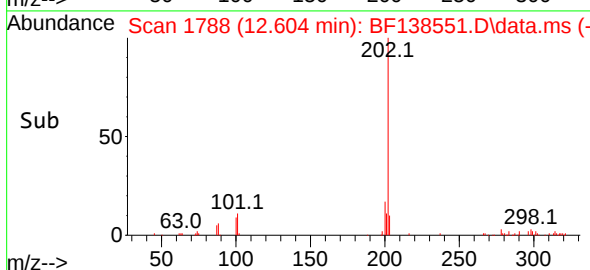
Supervised By :mohammad ahmed 07/19/2024

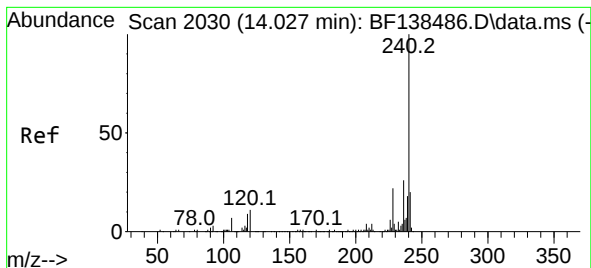


#75
Fluoranthene
Concen: 2.009 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35



Tgt Ion:202 Resp: 16439
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.2
203 29.4 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

CHRT-24849

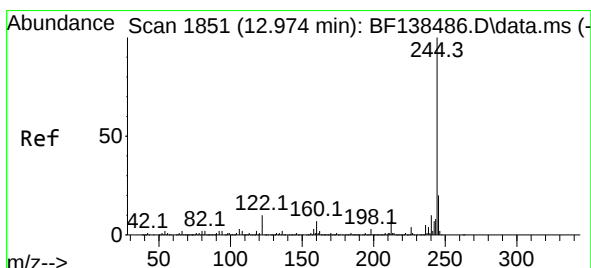
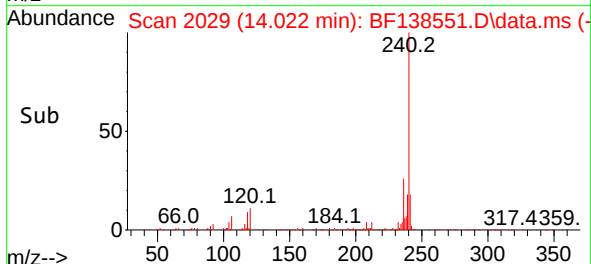
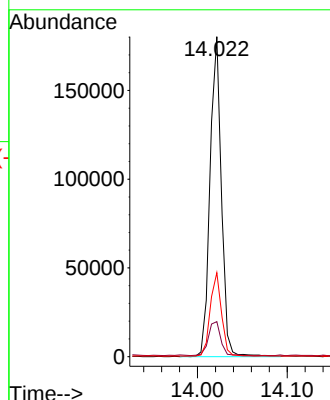
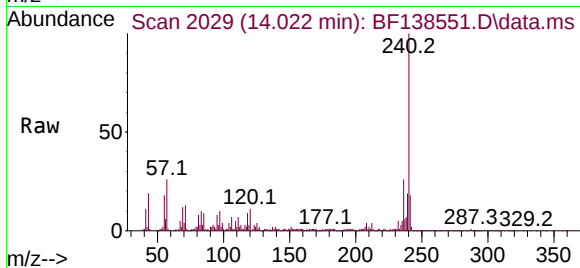
Tgt Ion:240 Resp: 158530
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.6 12.8
 236 26.3 21.0 31.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/19/2024



#79

Terphenyl-d14

Concen: 48.289 ng

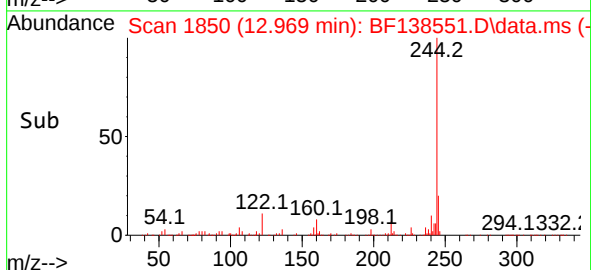
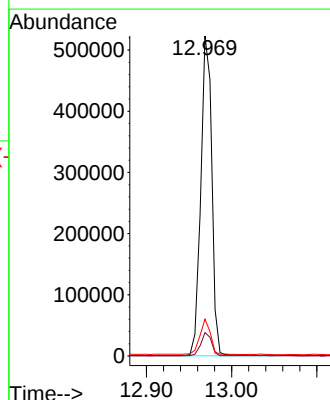
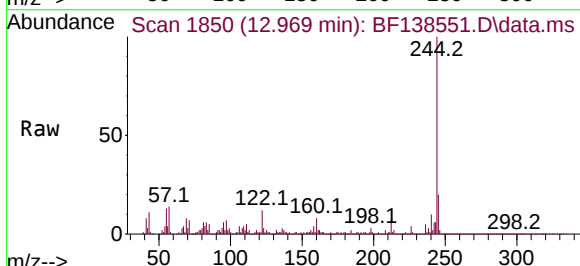
RT: 12.969 min Scan# 1850

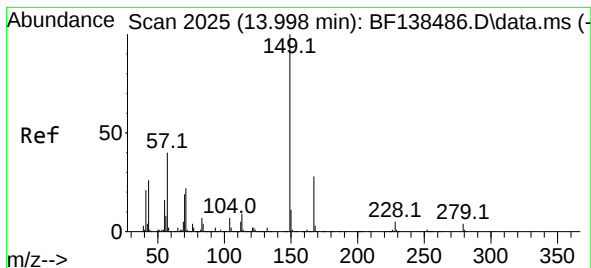
Delta R.T. -0.006 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

Tgt Ion:244 Resp: 469917
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.5 7.8 11.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.663 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

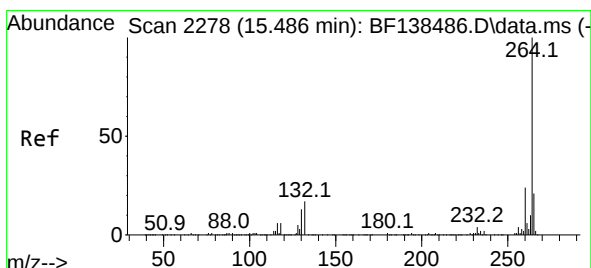
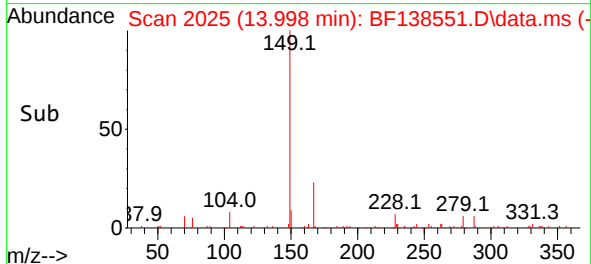
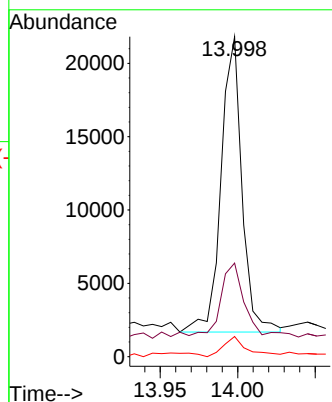
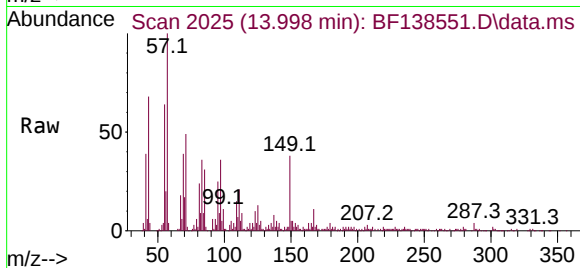
CHRT-24849

Tgt Ion:149 Resp: 18915
Ion Ratio Lower Upper
149 100
167 29.3 22.5 33.7
279 6.3 3.0 4.6

Manual Integrations

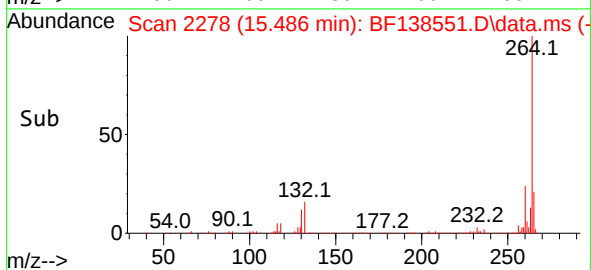
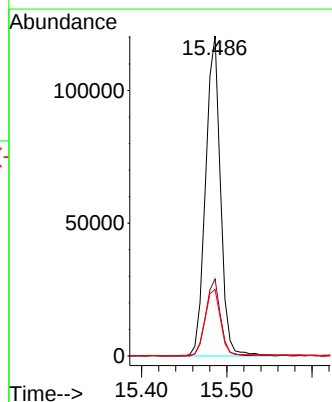
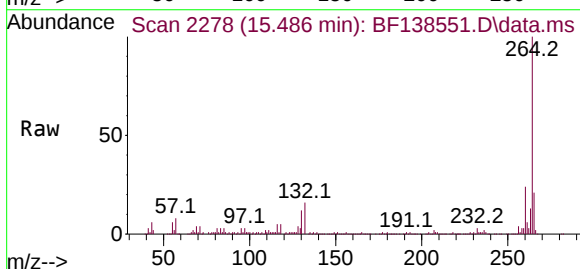
APPROVED

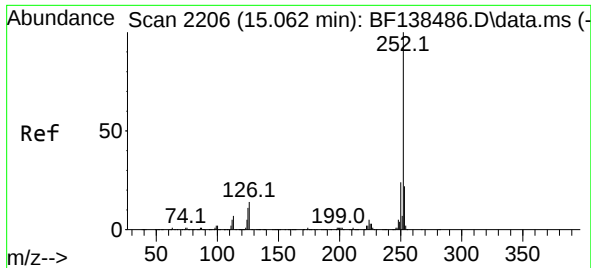
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

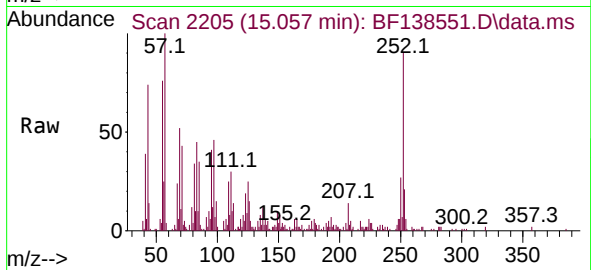
Tgt Ion:264 Resp: 146432
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 20.8 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.435 ng m
RT: 15.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
CHRT-24849



Tgt Ion:252 Resp: 20084
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 27.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

