

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138875.D
 Acq On : 08 Aug 2024 20:04
 Operator : RC/JU
 Sample : P3461-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-28607

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 09 01:02:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	32913	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	118572	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	143958	20.000	ng	# 0.00
64) Phenanthrene-d10	11.404	188	83663	20.000	ng	# 0.04
76) Chrysene-d12	14.021	240	73397	20.000	ng	0.02
86) Perylene-d12	15.468	264	52743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	152788	71.659	ng	0.00
7) Phenol-d6	6.487	99	201550	70.407	ng	0.00
23) Nitrobenzene-d5	7.404	82	127364	52.517	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	32145	27.260	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	201861	21.068	ng	-0.01
79) Terphenyl-d14	12.986	244	180562	41.188	ng	0.04
Target Compounds						Qvalue
10) Phenol	6.498	94	26135	8.671	ng	88
22) Acetophenone	7.245	105	29853	10.283	ng	# 90
72) Anthracene	11.469	178	25439	5.994	ng	# 80
75) Fluoranthene	12.604	202	22668	5.636	ng	86
78) Pyrene	12.833	202	35074	5.075	ng	# 82
81) Benzo(a)anthracene	14.015	228	12633	2.499	ng	# 85
83) Chrysene	14.045	228	14807	3.247	ng	# 86
84) Bis(2-ethylhexyl)phtha...	13.974	149	44986	13.882	ng	99
88) Benzo(b)fluoranthene	15.045	252	18925m	5.788	ng	
89) Benzo(k)fluoranthene	15.062	252	6647m	2.348	ng	
92) Benzo(g,h,i)perylene	17.380	276	6620	2.056	ng	# 87

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

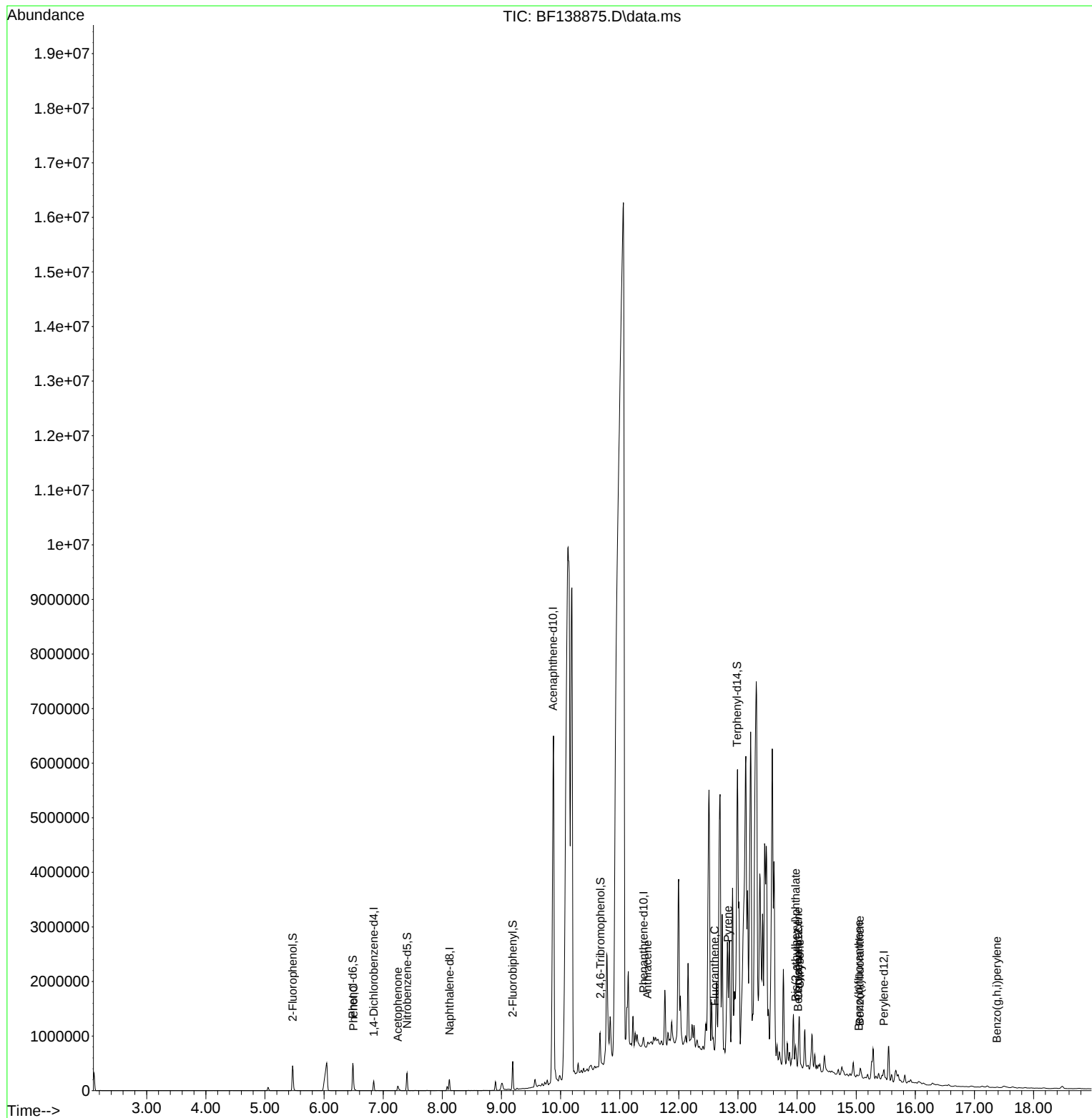
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138875.D
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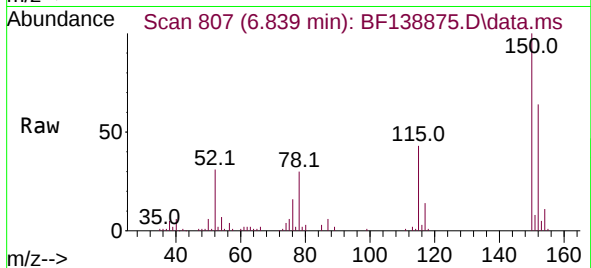
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

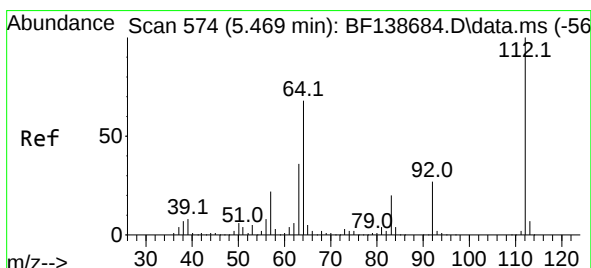
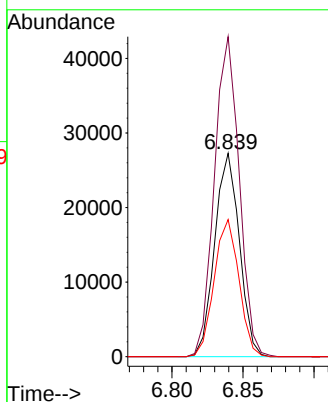
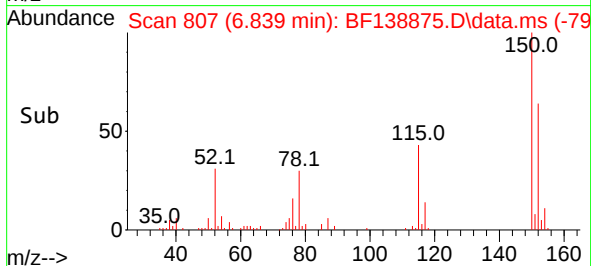


Tgt Ion:152 Resp: 3291
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 67.4 51.7 77.5

Manual Integrations

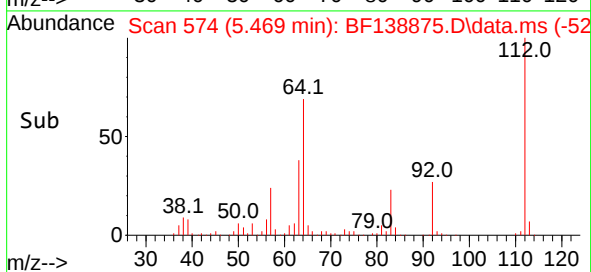
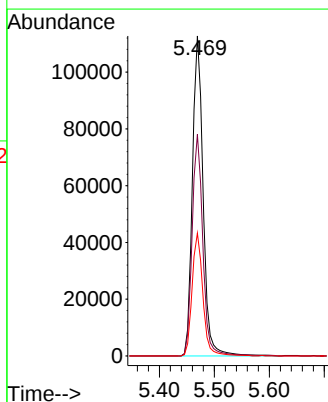
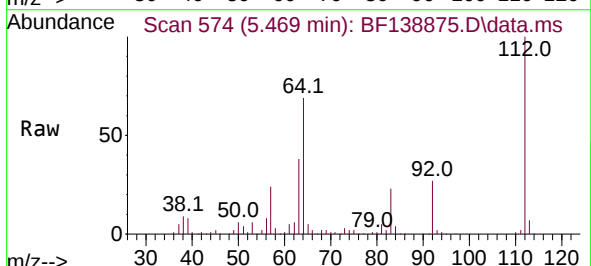
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#5
2-Fluorophenol
Concen: 71.659 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Tgt Ion:112 Resp: 152788
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 38.4 28.7 43.1





#7

Phenol-d6

Concen: 70.407 ng

RT: 6.487 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF138875.D

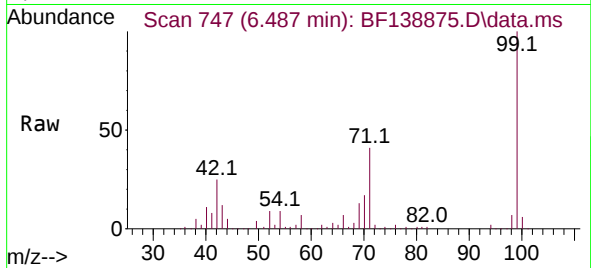
Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607



Tgt Ion: 99 Resp: 201550

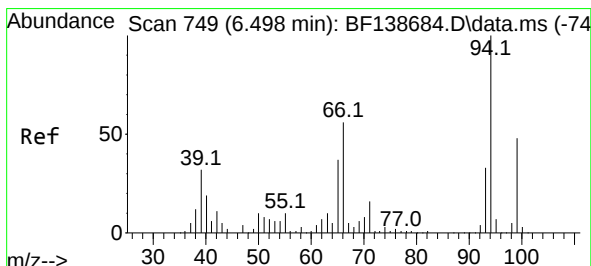
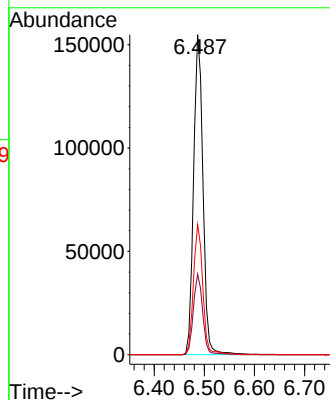
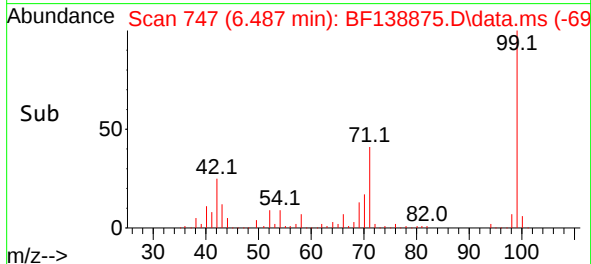
Ion	Ratio	Lower	Upper
99	100		
42	25.2	17.4	26.0
71	40.7	28.1	42.1

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#10

Phenol

Concen: 8.671 ng

RT: 6.498 min Scan# 749

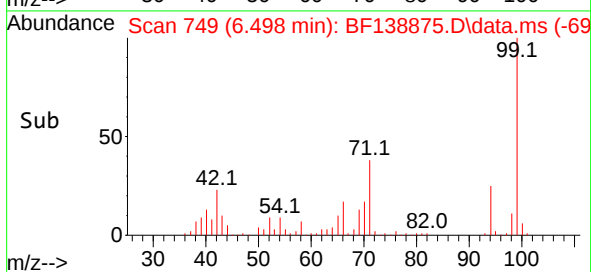
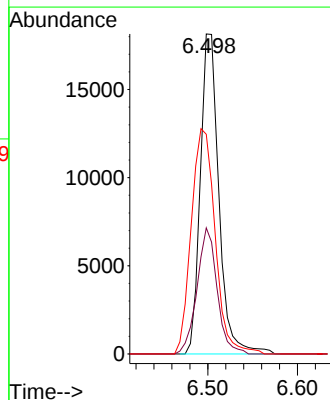
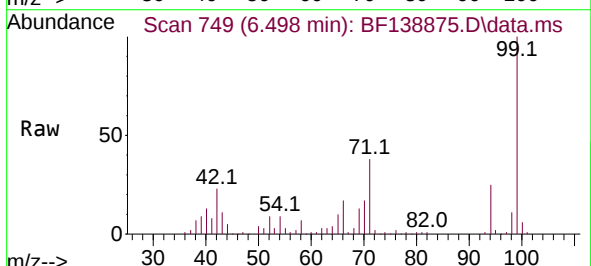
Delta R.T. -0.000 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Tgt Ion: 94 Resp: 26135

Ion	Ratio	Lower	Upper
94	100		
65	39.4	16.9	56.9
66	68.7	36.5	76.5





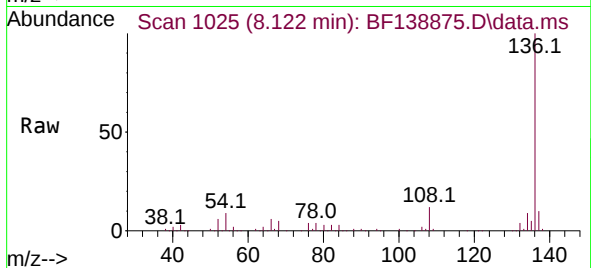
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

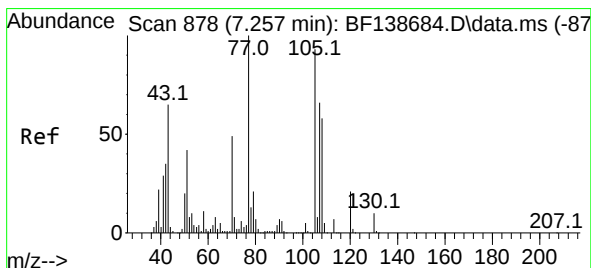
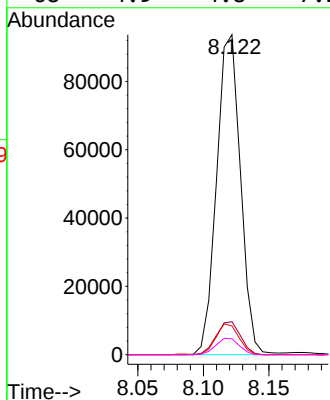
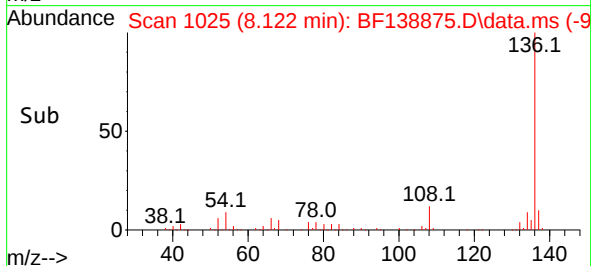


Tgt Ion:136 Resp: 118572
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.0 8.6 12.8
68 4.9 4.8 7.2

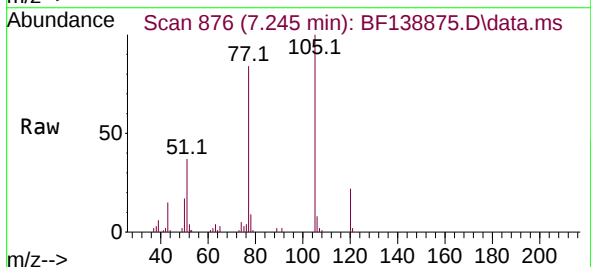
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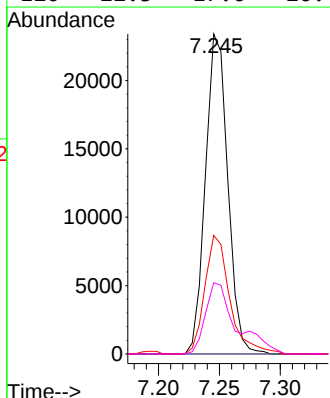
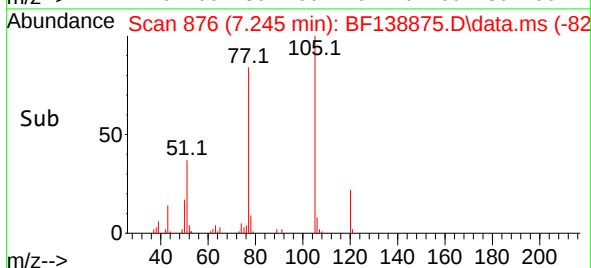
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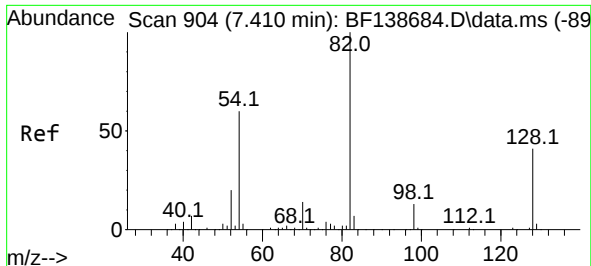


#22
Acetophenone
Concen: 10.283 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04



Tgt Ion:105 Resp: 29853
Ion Ratio Lower Upper
105 100
71 0.0 7.2 10.8#
51 37.1 35.9 53.9
120 22.3 17.6 26.4





#23
Nitrobenzene-d5
Concen: 52.517 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

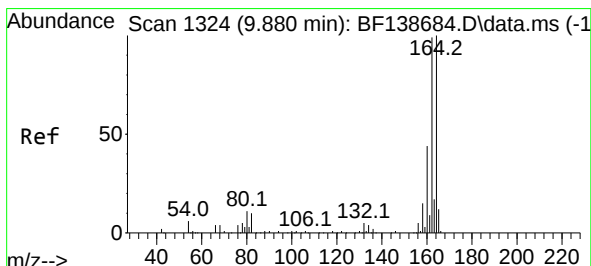
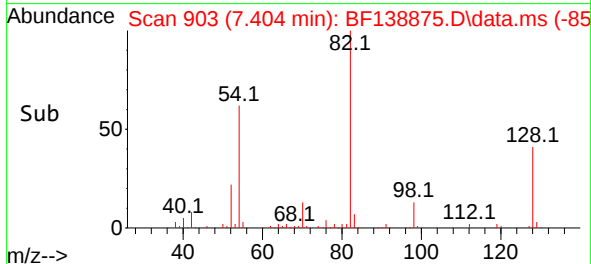
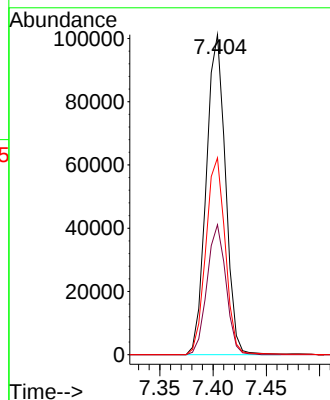
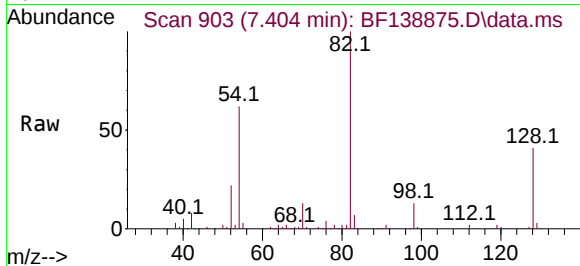
ClientSampleId :

CHRT-28607

Tgt Ion: 82 Resp: 127364
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 61.5 48.3 72.5

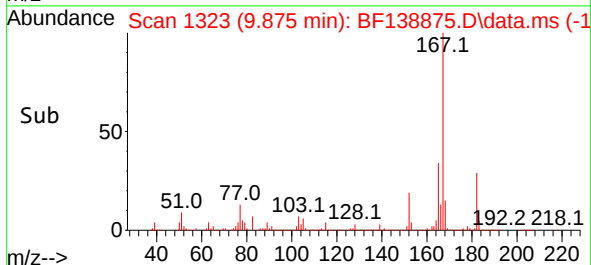
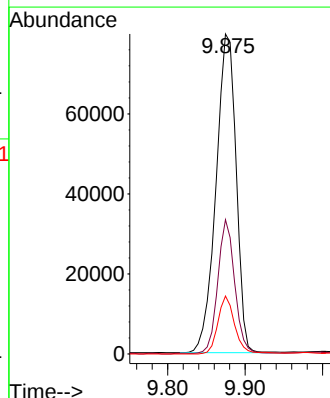
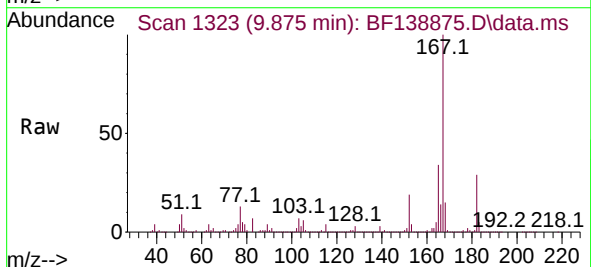
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Supervised By :mohammad ahmed 08/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Tgt Ion:164 Resp: 143958
Ion Ratio Lower Upper
164 100
162 42.0 79.4 119.0#
160 18.1 35.1 52.7#





#42
2,4,6-Tribromophenol
Concen: 27.260 ng
RT: 10.675 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

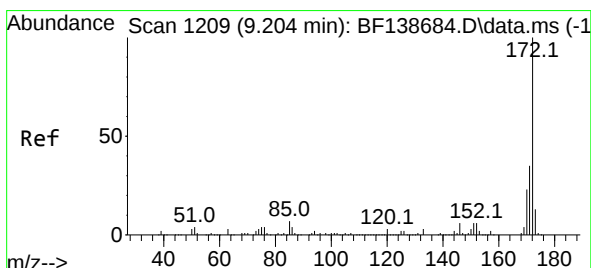
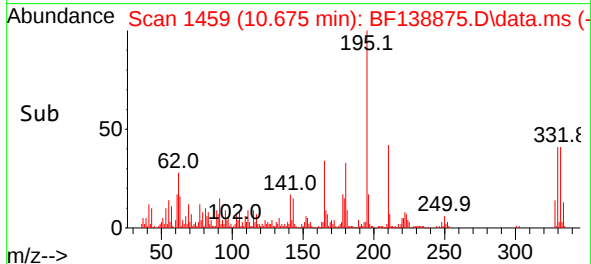
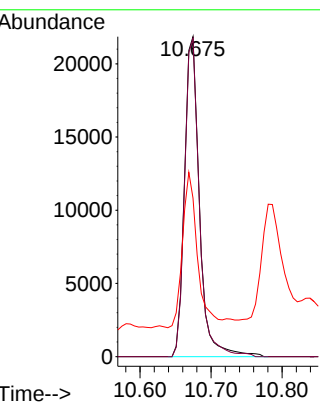
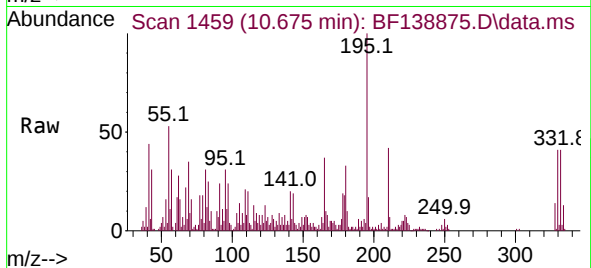
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Tgt Ion:330 Resp: 32145
Ion Ratio Lower Upper
330 100
332 98.1 76.4 114.6
141 48.6 31.1 46.7

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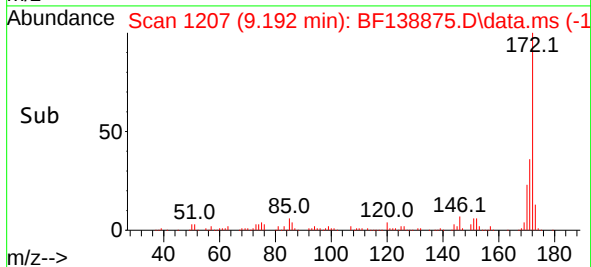
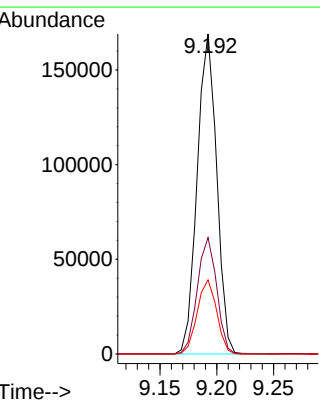
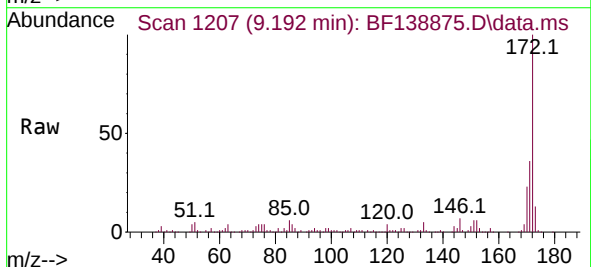
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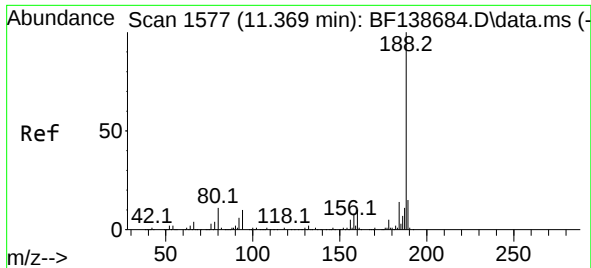
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#45
2-Fluorobiphenyl
Concen: 21.068 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Tgt Ion:172 Resp: 201861
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.2 18.8 28.2





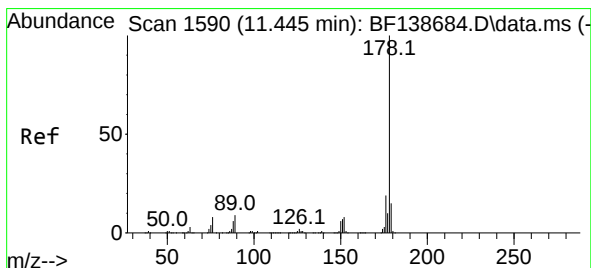
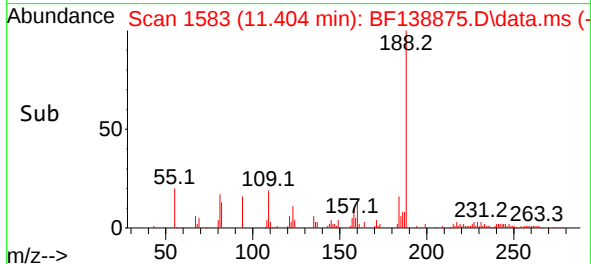
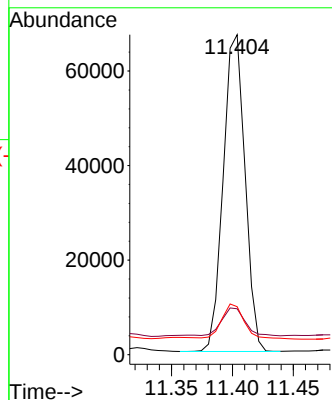
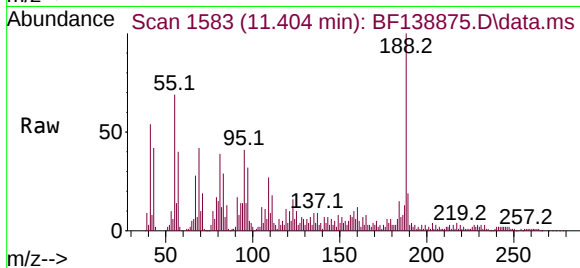
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :
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ClientSampleId :
CHRT-28607

Tgt Ion:188 Resp: 8366
Ion Ratio Lower Upper
188 100
94 14.4 7.6 11.4
80 15.0 8.6 12.8

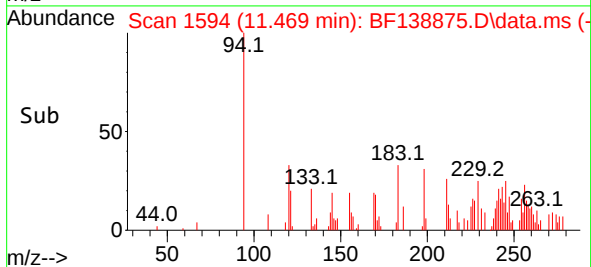
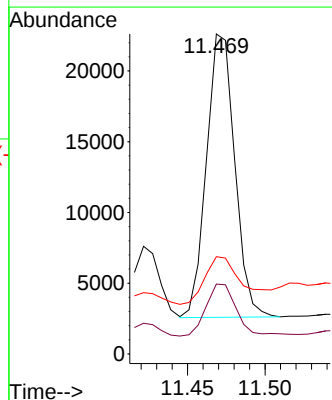
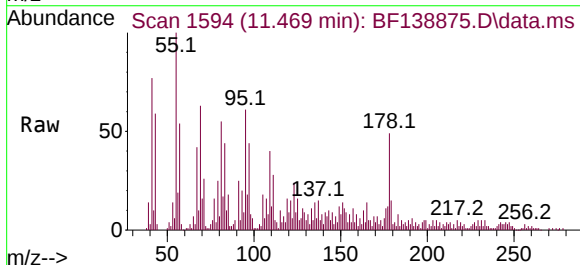
Manual Integrations
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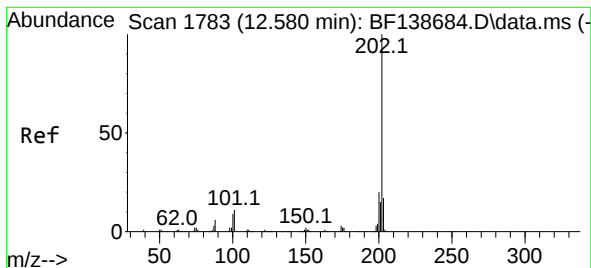
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Anthracene
Concen: 5.994 ng
RT: 11.469 min Scan# 1594
Delta R.T. 0.023 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Tgt Ion:178 Resp: 25439
Ion Ratio Lower Upper
178 100
176 21.9 14.9 22.3
179 30.4 12.4 18.6





#75

Fluoranthene

Concen: 5.636 ng

RT: 12.604 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

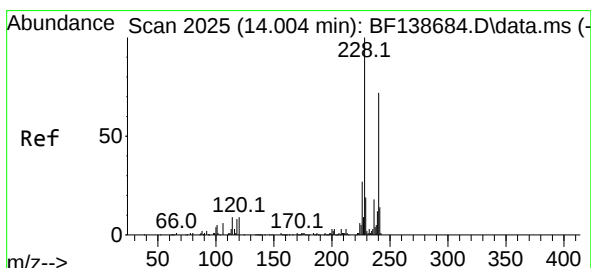
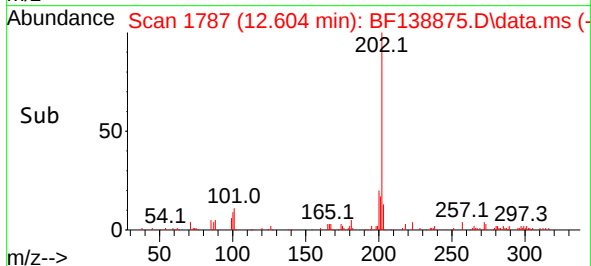
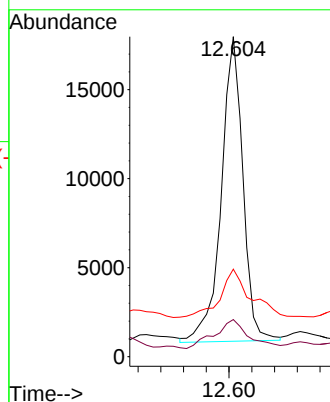
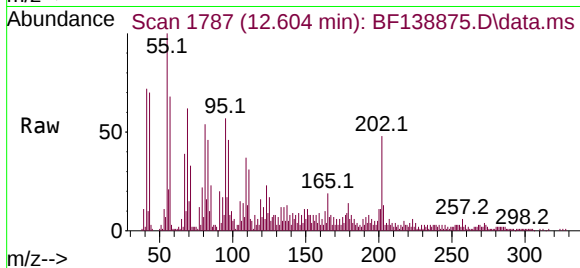
Tgt Ion:	202	Resp:	2266
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.2
203	27.4	0.0	37.3

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#76

Chrysene-d12

Concen: 20.000 ng

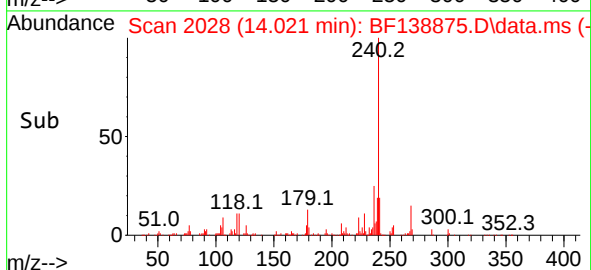
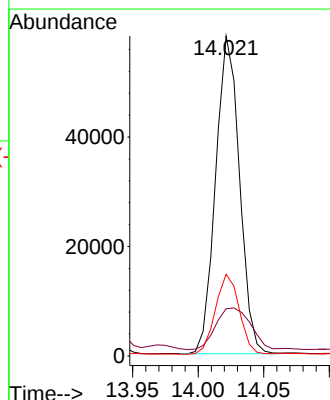
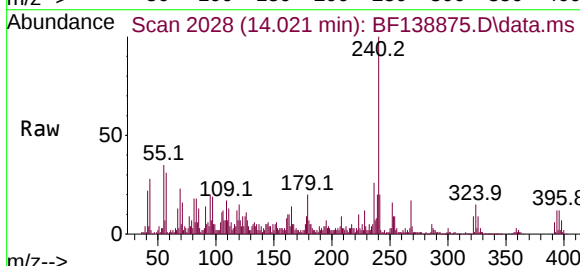
RT: 14.021 min Scan# 2028

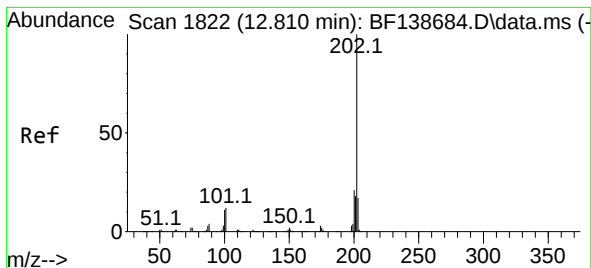
Delta R.T. 0.018 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Tgt Ion:	240	Resp:	73397
Ion Ratio	Lower	Upper	
240	100		
120	14.7	10.2	15.4
236	25.5	19.8	29.8





#78

Pyrene

Concen: 5.075 ng

RT: 12.833 min Scan# 1826

Delta R.T. 0.023 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

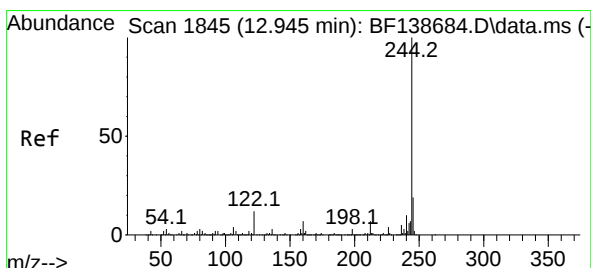
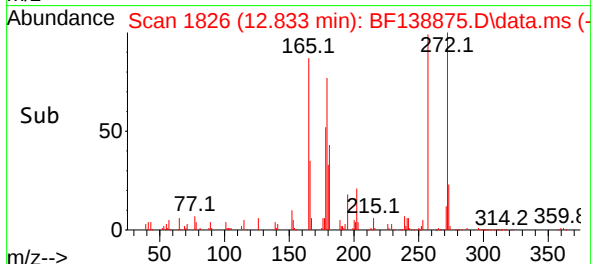
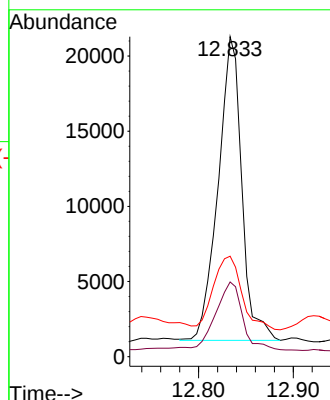
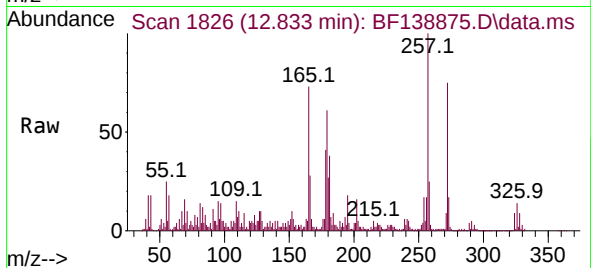
Tgt Ion:202	Resp:	35074
Ion Ratio	Lower	Upper
202	100	
200	23.4	16.8 25.2
203	31.4	13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#79

Terphenyl-d14

Concen: 41.188 ng

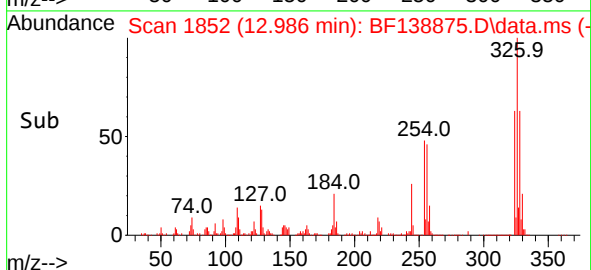
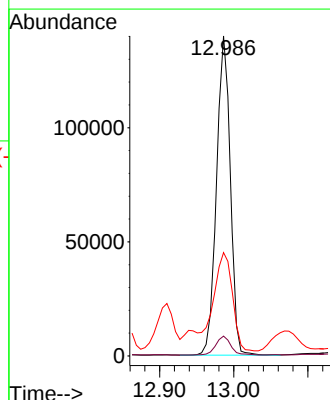
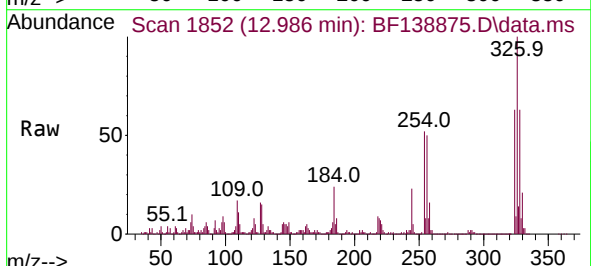
RT: 12.986 min Scan# 1852

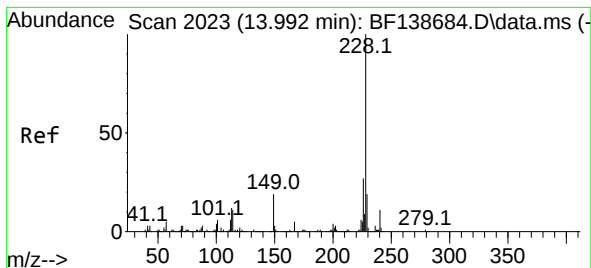
Delta R.T. 0.041 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Tgt Ion:244	Resp:	180562
Ion Ratio	Lower	Upper
244	100	
212	6.2	5.4 8.2
122	32.3	9.6 14.4





#81

Benzo(a)anthracene

Concen: 2.499 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.023 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

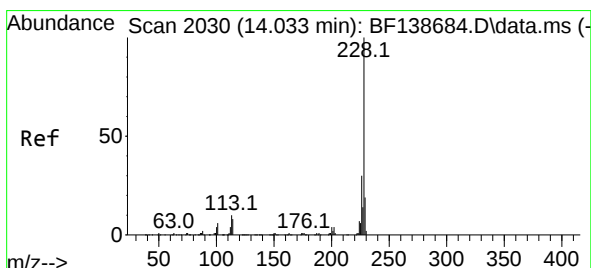
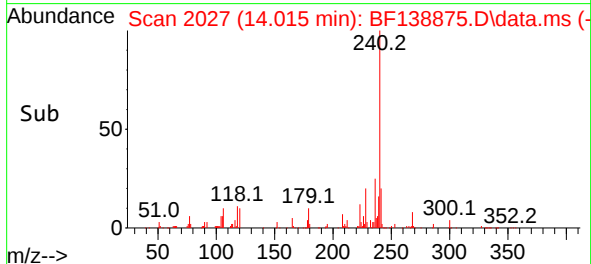
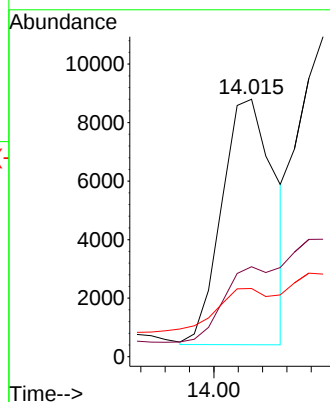
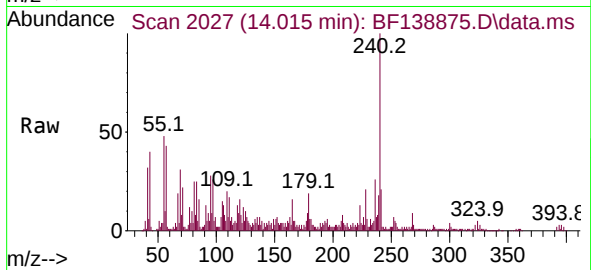
Tgt Ion:	228	Resp:	1263
Ion Ratio	Lower	Upper	
228	100		
226	34.9	22.1	33.1
229	26.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#83

Chrysene

Concen: 3.247 ng

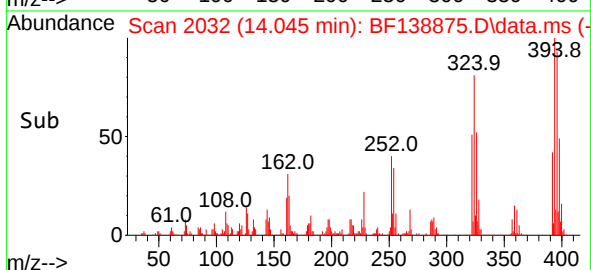
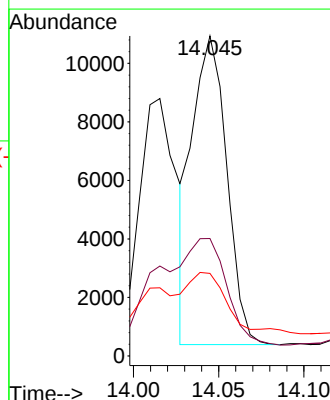
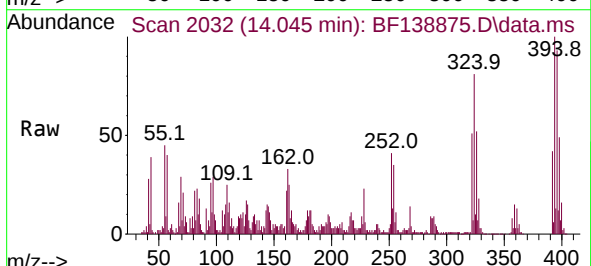
RT: 14.045 min Scan# 2032

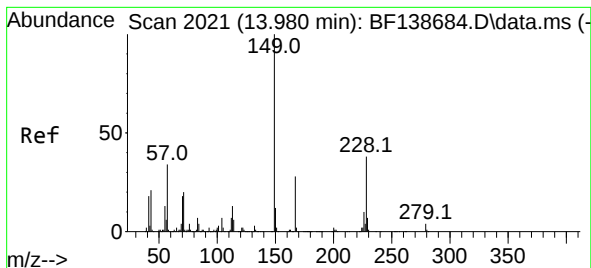
Delta R.T. 0.012 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Tgt Ion:	228	Resp:	14807
Ion Ratio	Lower	Upper	
228	100		
226	36.7	23.7	35.5
229	25.8	15.0	22.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.882 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

Instrument :

BNA_F

ClientSampleId :

CHRT-28607

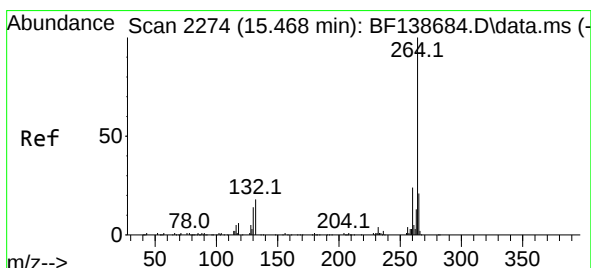
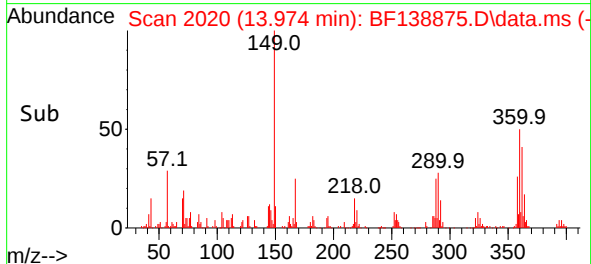
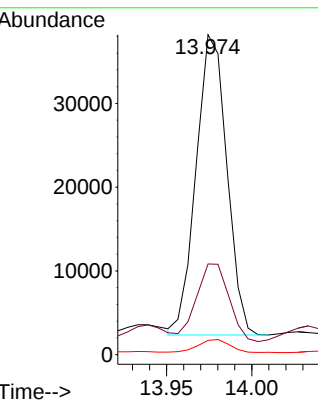
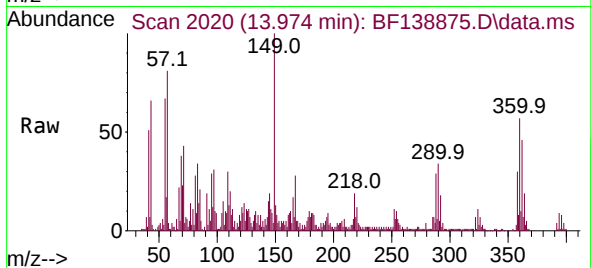
Tgt Ion:	149	Resp:	44980
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	4.5	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#86

Perylene-d12

Concen: 20.000 ng

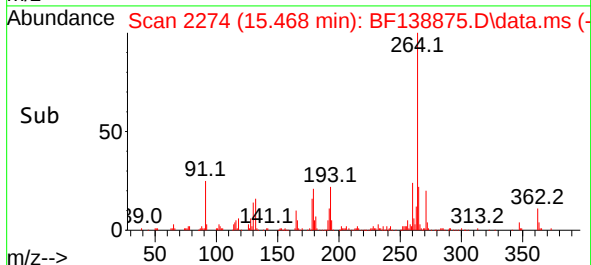
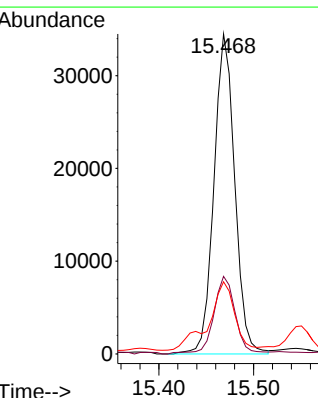
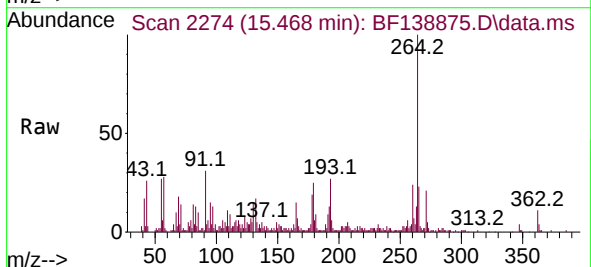
RT: 15.468 min Scan# 2274

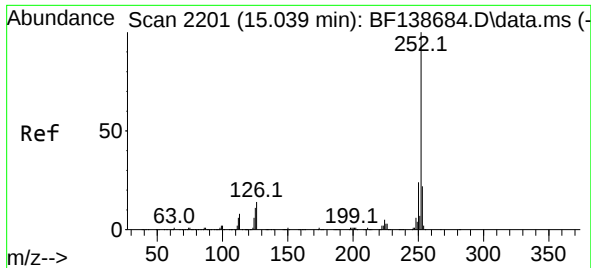
Delta R.T. -0.000 min

Lab File: BF138875.D

Acq: 08 Aug 2024 20:04

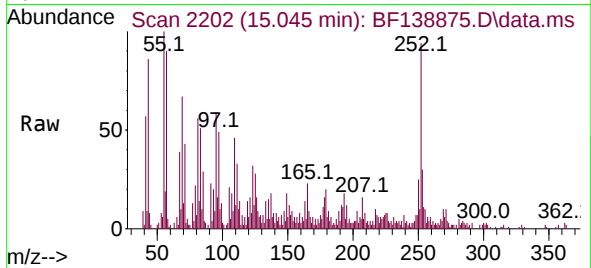
Tgt Ion:	264	Resp:	52743
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.0	28.6
265	22.6	17.0	25.6





#88
Benzo(b)fluoranthene
Concen: 5.788 ng m
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

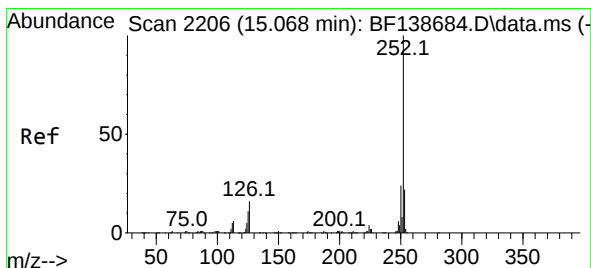
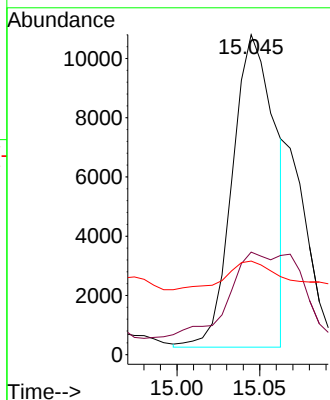
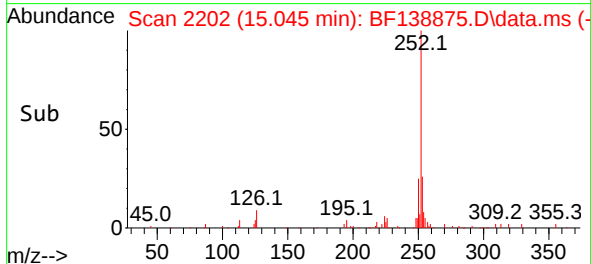
Instrument :
BNA_F
ClientSampleId :
CHRT-28607



Tgt Ion:252 Resp: 1892
Ion Ratio Lower Upper
252 100
253 32.0 17.5 26.3
125 29.2 8.9 13.3

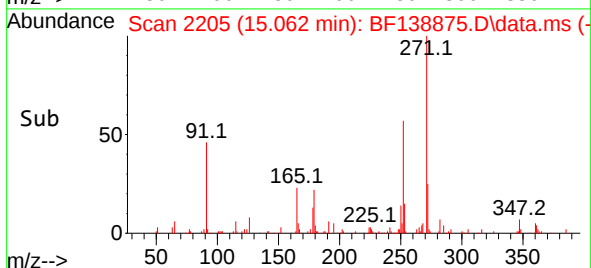
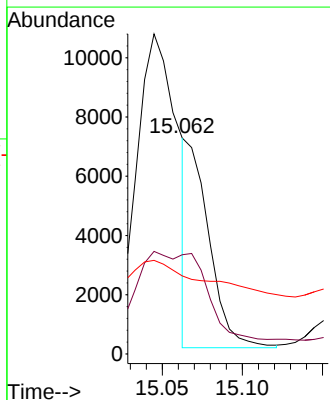
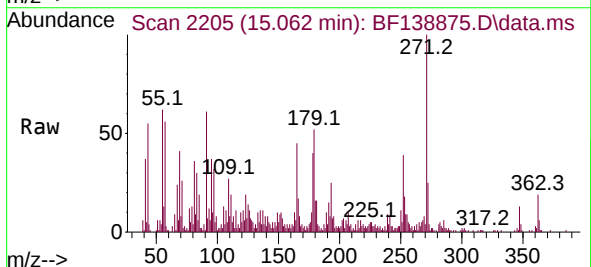
Manual Integrations
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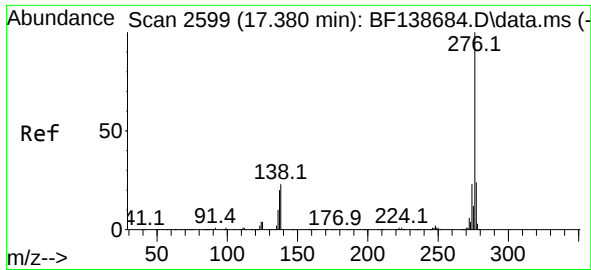
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#89
Benzo(k)fluoranthene
Concen: 2.348 ng m
RT: 15.062 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

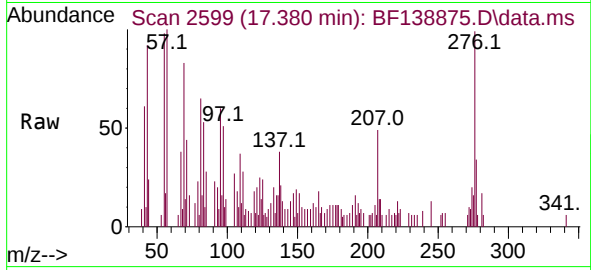
Tgt Ion:252 Resp: 6647
Ion Ratio Lower Upper
252 100
253 46.0 17.4 26.0#
125 36.2 8.6 13.0#





#92
Benzo(g,h,i)perylene
Concen: 2.056 ng
RT: 17.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138875.D
Acq: 08 Aug 2024 20:04

Instrument :
BNA_F
ClientSampleId :
CHRT-28607



Tgt Ion:276 Resp: 6620
Ion Ratio Lower Upper
276 100
277 34.4 19.0 28.4
138 21.1 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

