

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137932.D
 Acq On : 17 May 2024 15:20
 Operator : CG\JU
 Sample : P2496-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24376

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 15:42:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	116907	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	428053	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	165668	20.000	ng	0.01
64) Phenanthrene-d10	11.616	188	198861	20.000	ng	# 0.04
76) Chrysene-d12	14.262	240	236862	20.000	ng	# 0.04
86) Perylene-d12	15.815	264	320841	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	599770	87.146	ng	0.00
7) Phenol-d6	6.651	99	721261	85.075	ng	0.00
23) Nitrobenzene-d5	7.598	82	424505	58.363	ng	-0.01
42) 2,4,6-Tribromophenol	10.904	330	169338	101.374	ng	0.02
45) 2-Fluorobiphenyl	9.398	172	819344	76.183	ng	0.00
79) Terphenyl-d14	13.204	244	688683	42.851	ng	0.04
Target Compounds						Qvalue
75) Fluoranthene	12.845	202	50419	5.069	ng	# 38
78) Pyrene	13.074	202	48145	2.324	ng	# 57
83) Chrysene	14.286	228	35420	2.471	ng	# 77
88) Benzo(b)fluoranthene	15.345	252	56502m	3.042	ng	

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

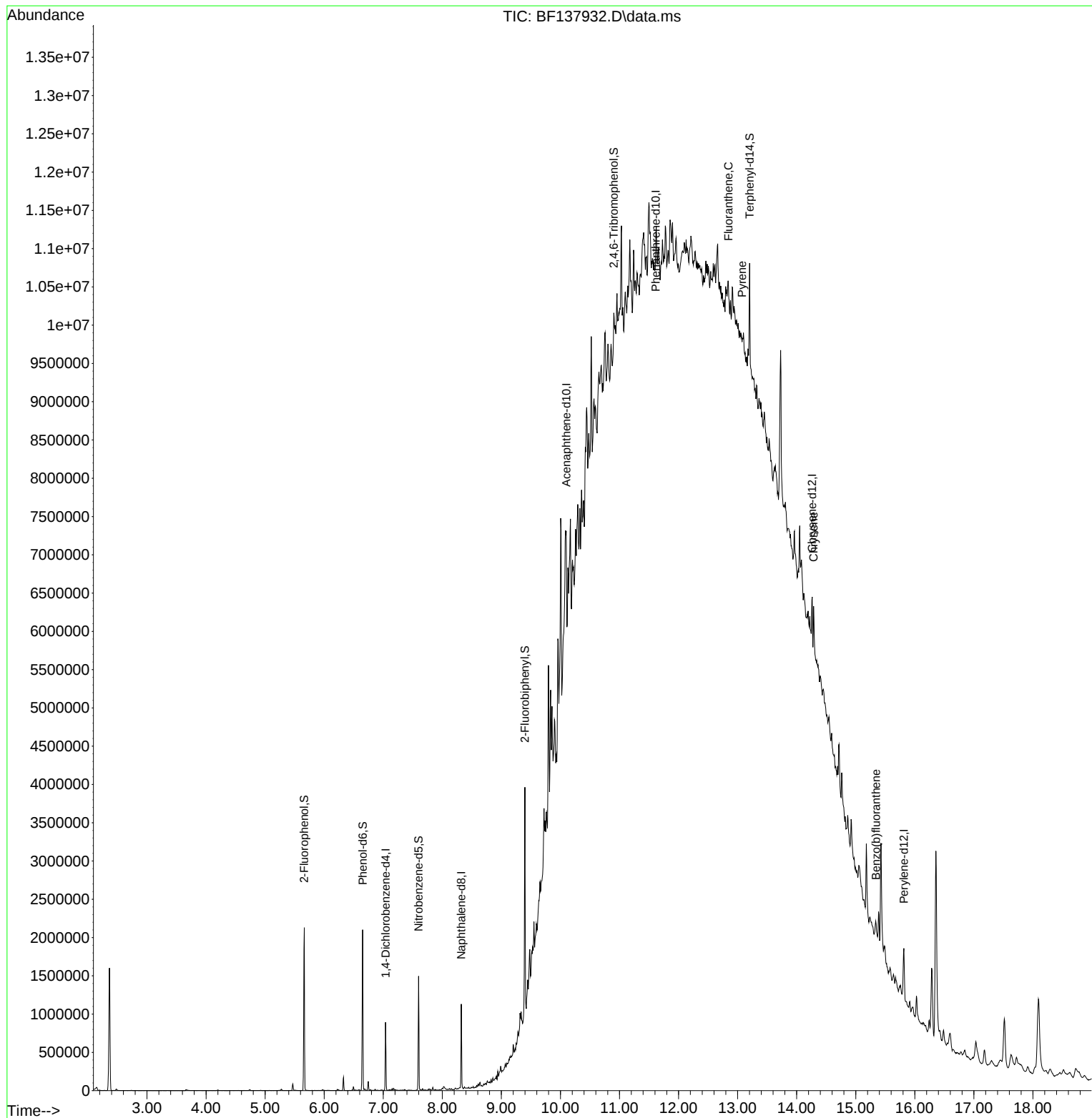
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137932.D
Acq On : 17 May 2024 15:20
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Sample : P2496-01
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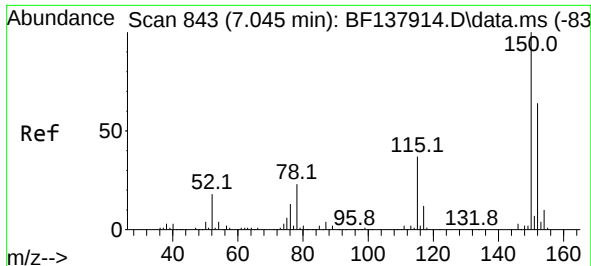
Instrument :
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Quant Time: May 17 15:42:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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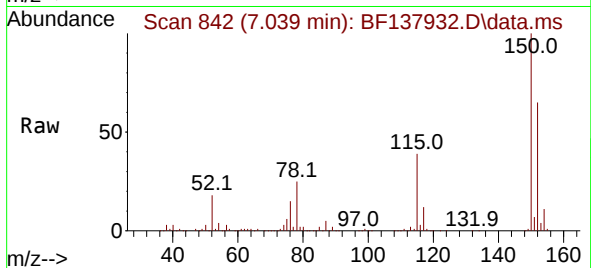
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

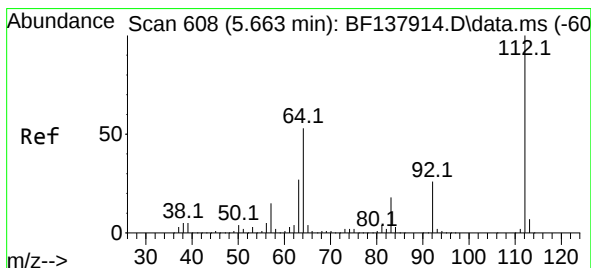
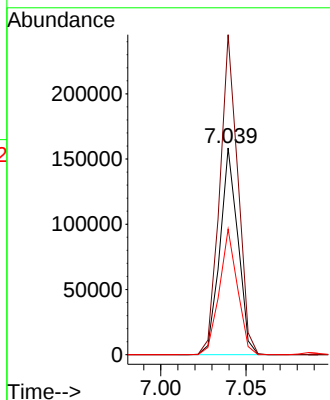
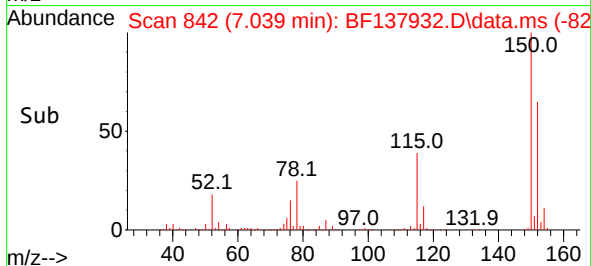
Instrument :
BNA_F
ClientSampleId :
CHRT-24376



Tgt Ion:152 Resp: 116907
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 60.7 47.0 70.6

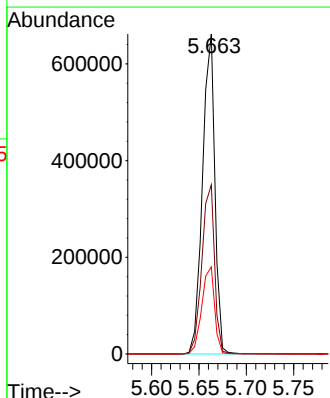
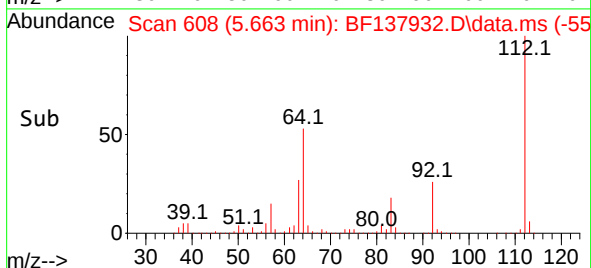
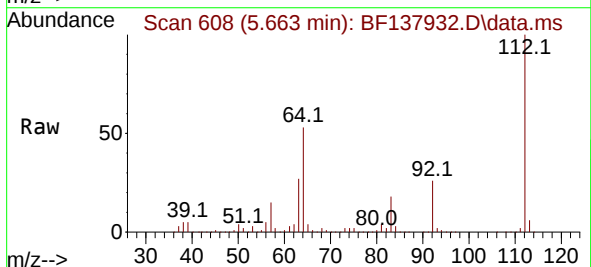
Manual Integrations
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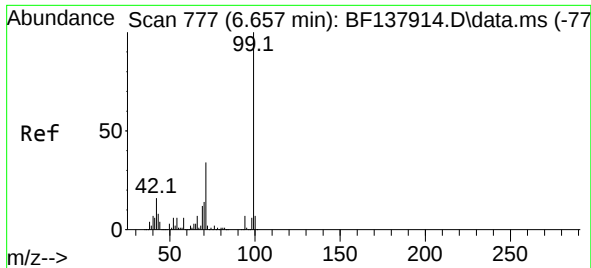
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#5
2-Fluorophenol
Concen: 87.146 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Tgt Ion:112 Resp: 599770
Ion Ratio Lower Upper
112 100
64 52.9 42.4 63.6
63 27.2 21.4 32.2





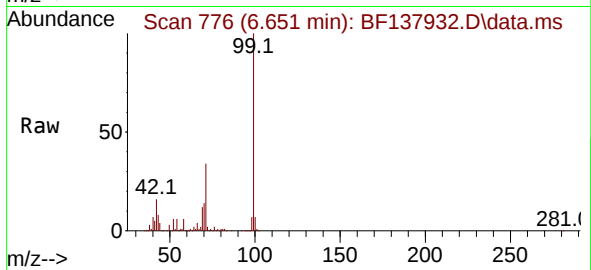
#7
Phenol-d6
Concen: 85.075 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

CHRT-24376

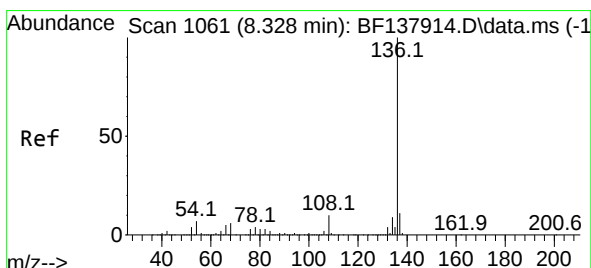
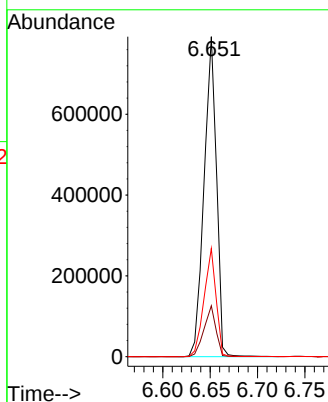
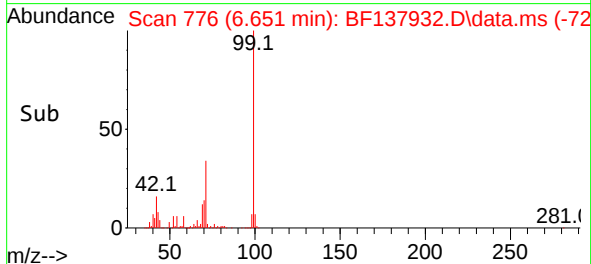


Tgt Ion: 99 Resp: 72126
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 33.8 27.1 40.7

Manual Integrations

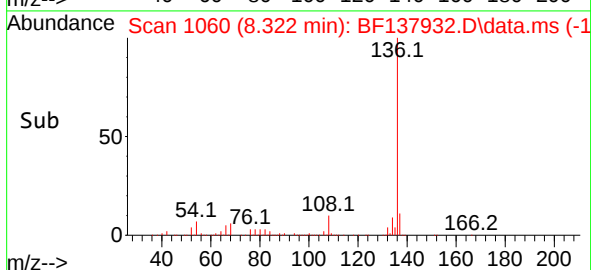
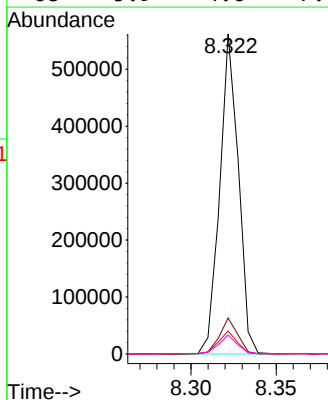
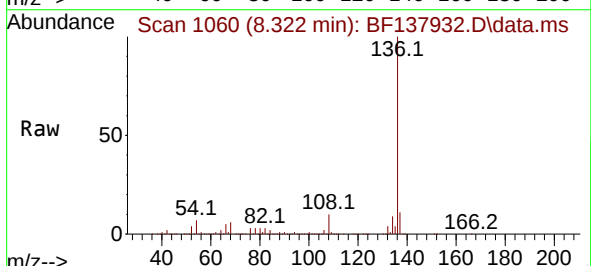
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Tgt Ion:136 Resp: 428053
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.2 5.4 8.2
68 5.9 4.6 7.0





#23
Nitrobenzene-d5
Concen: 58.363 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

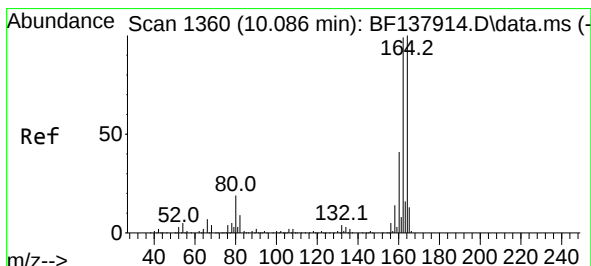
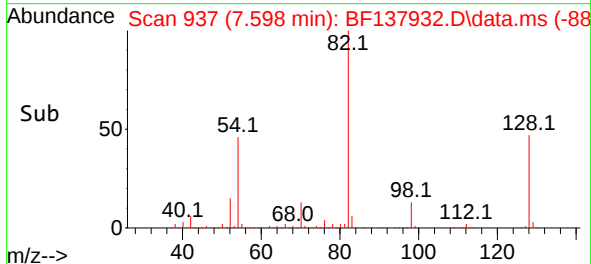
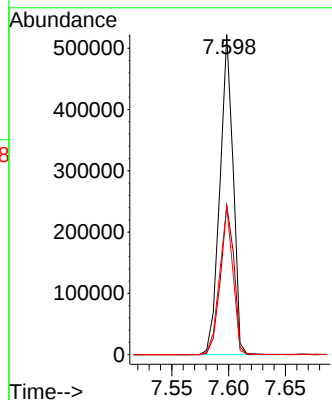
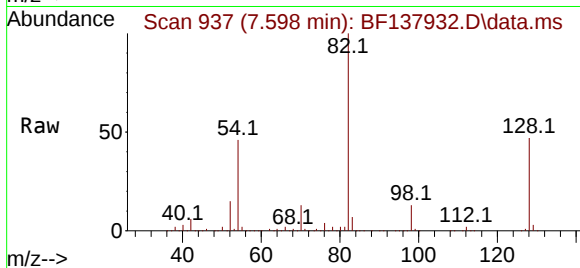
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Tgt Ion: 82 Resp: 42450
Ion Ratio Lower Upper
82 100
128 46.6 40.3 60.5
54 46.5 36.8 55.2

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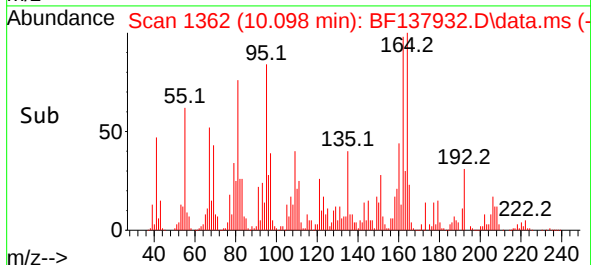
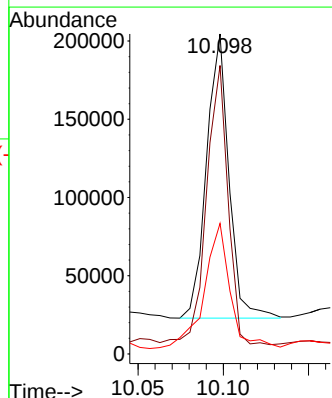
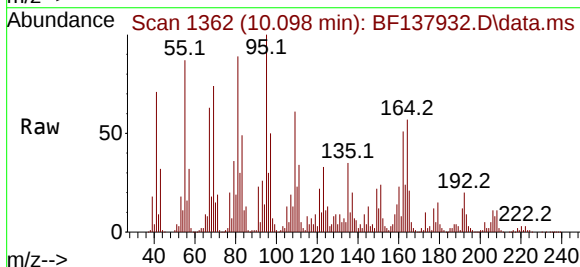
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Tgt Ion:164 Resp: 165668
Ion Ratio Lower Upper
164 100
162 90.2 79.4 119.2
160 40.8 33.1 49.7





#42
2,4,6-Tribromophenol
Concen: 101.374 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.024 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

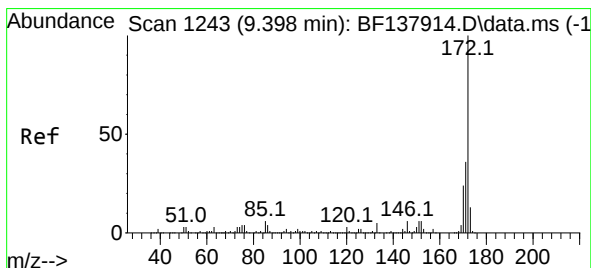
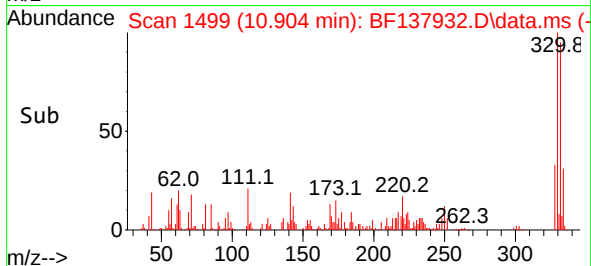
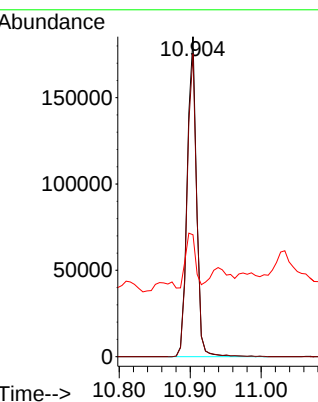
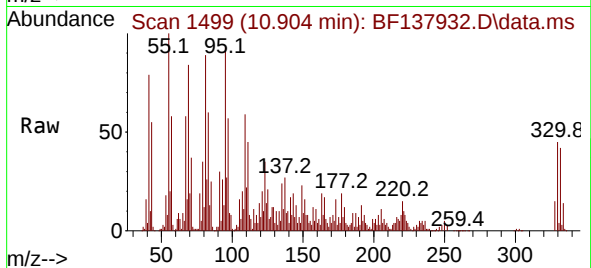
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Tgt Ion:330 Resp: 169338
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.8
141 18.3 23.8 35.6

Manual Integrations

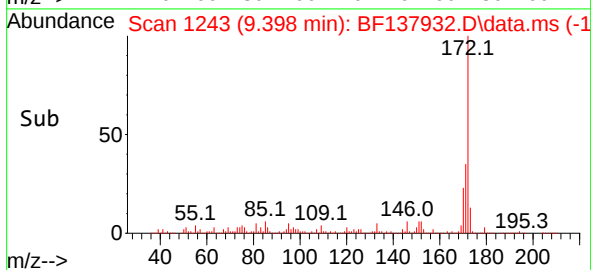
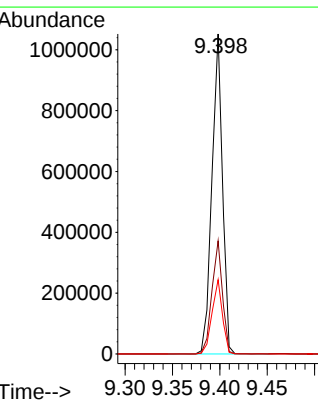
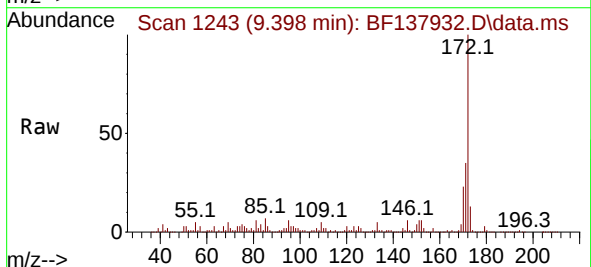
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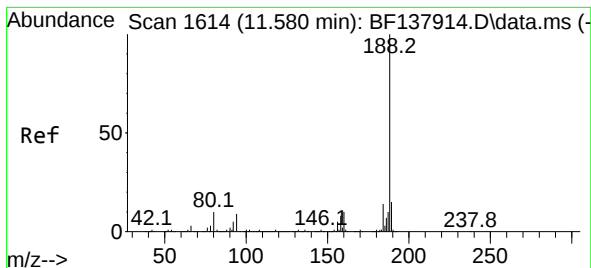
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#45
2-Fluorobiphenyl
Concen: 76.183 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

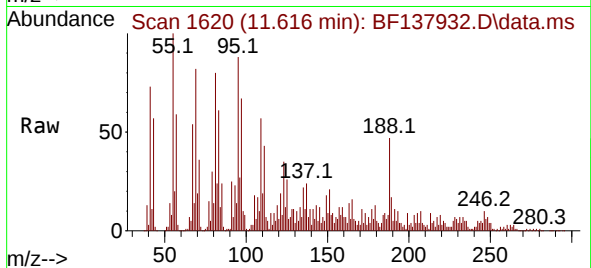
Tgt Ion:172 Resp: 819344
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.616 min Scan# 1620
Delta R.T. 0.035 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

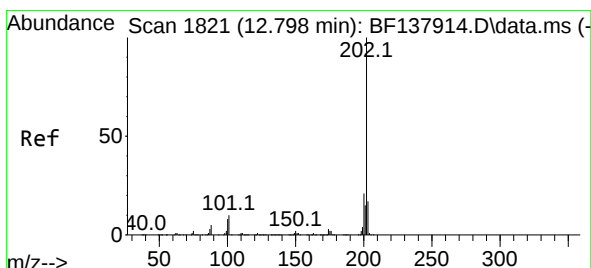
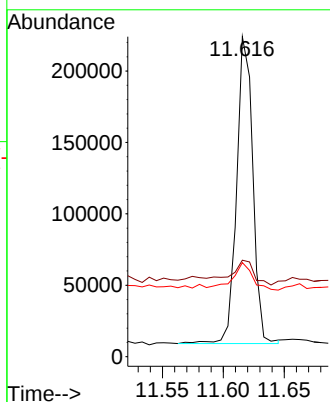
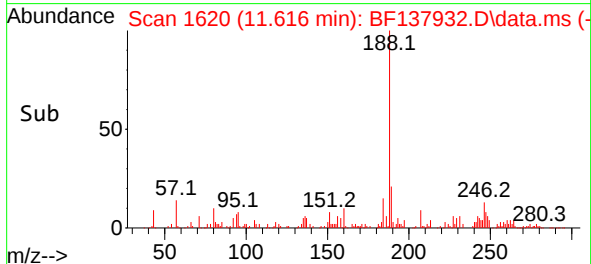
Instrument :
BNA_F
ClientSampleId :
CHRT-24376



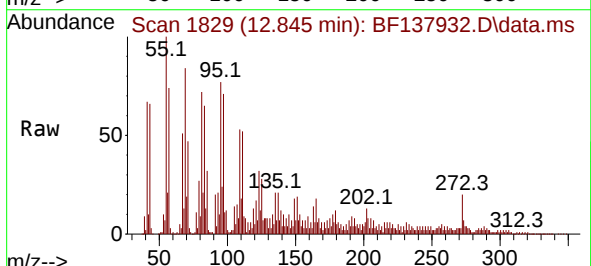
Tgt Ion:188 Resp: 19886
Ion Ratio Lower Upper
188 100
94 30.2 7.0 10.4
80 29.4 7.7 11.5

Manual Integrations
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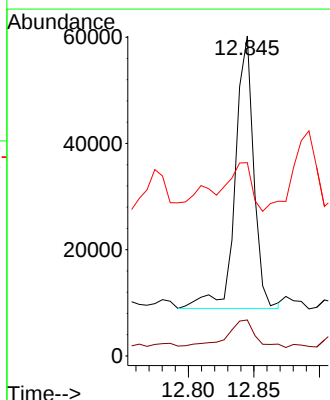
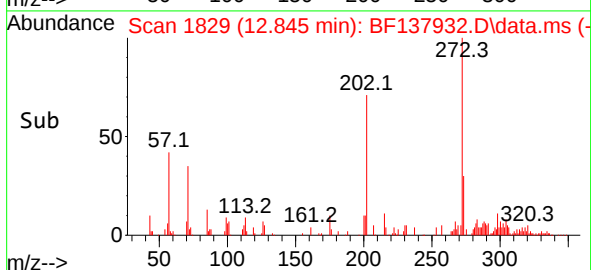
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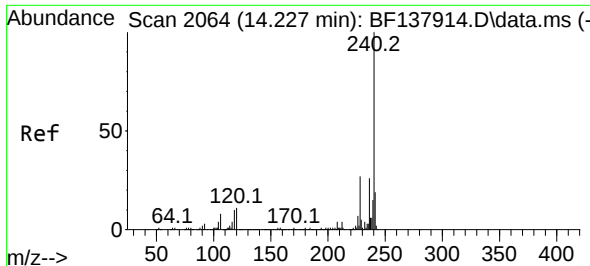


#75
Fluoranthene
Concen: 5.069 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.047 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20



Tgt Ion:202 Resp: 50419
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 60.4 0.0 37.3





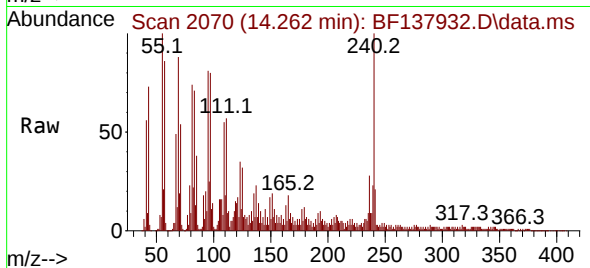
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.262 min Scan# 2064
Delta R.T. 0.035 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

CHRT-24376

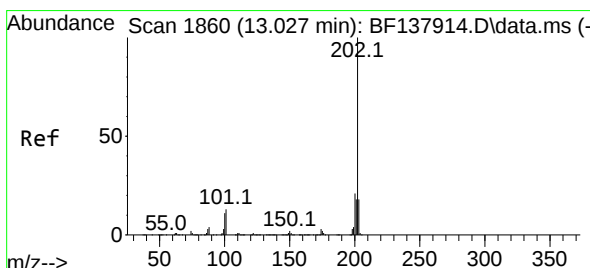
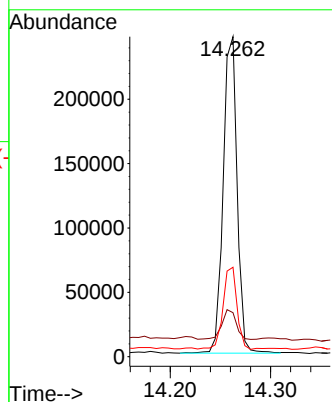
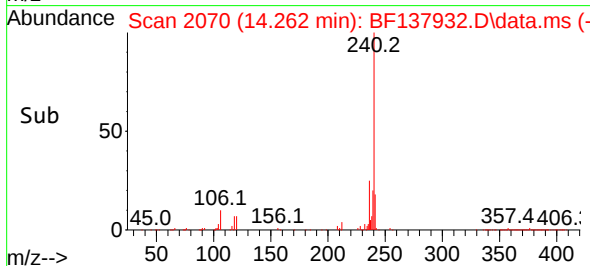


Tgt Ion:240 Resp: 236862
Ion Ratio Lower Upper
240 100
120 13.8 8.9 13.3#
236 27.9 21.0 31.4#

Manual Integrations

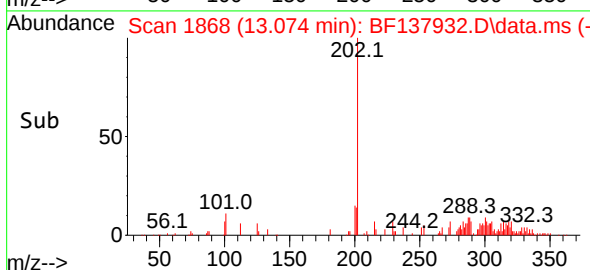
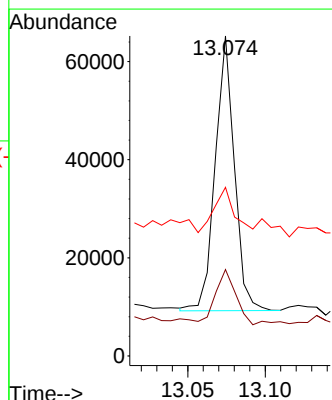
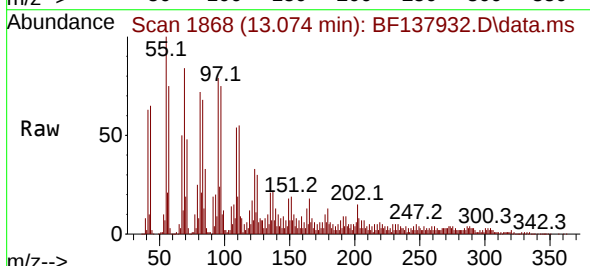
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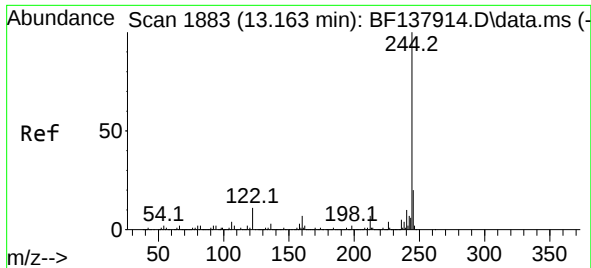
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#78
Pyrene
Concen: 2.324 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.047 min
Lab File: BF137932.D
Acq: 17 May 2024 15:20

Tgt Ion:202 Resp: 48145
Ion Ratio Lower Upper
202 100
200 27.0 17.0 25.4#
203 52.7 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 42.851 ng
 RT: 13.204 min Scan# 1883
 Delta R.T. 0.041 min
 Lab File: BF137932.D
 Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

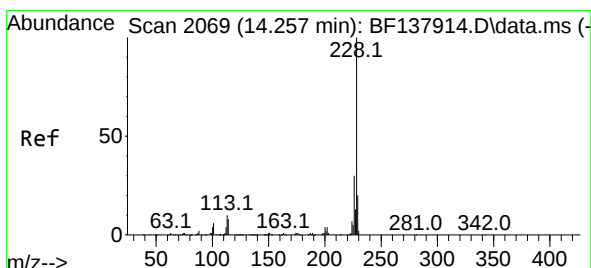
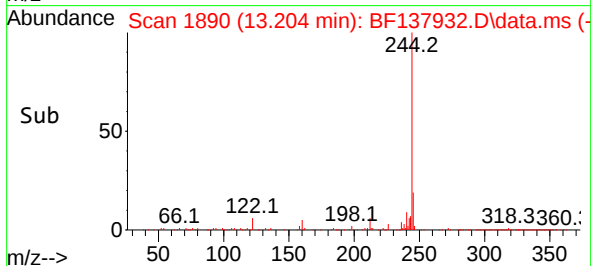
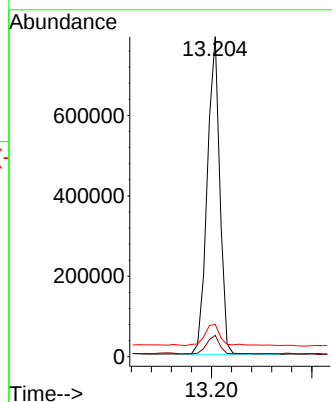
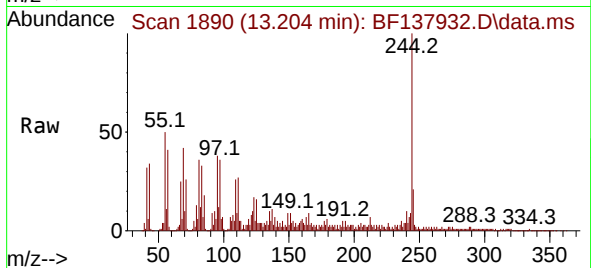
CHRT-24376

Tgt Ion:244 Resp: 68868
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.1 8.8 13.2

Manual Integrations

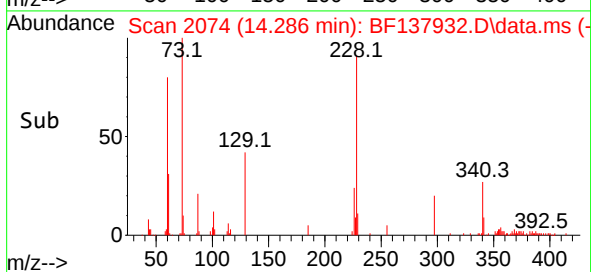
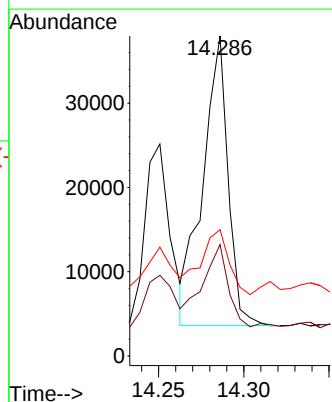
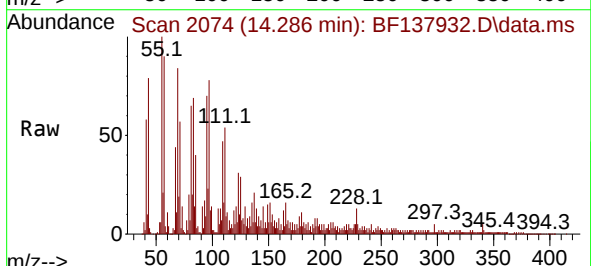
APPROVED

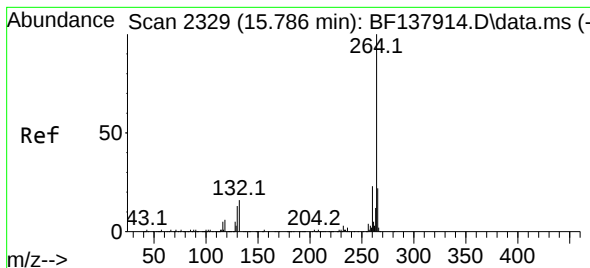
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#83
 Chrysene
 Concen: 2.471 ng
 RT: 14.286 min Scan# 2074
 Delta R.T. 0.029 min
 Lab File: BF137932.D
 Acq: 17 May 2024 15:20

Tgt Ion:228 Resp: 35420
 Ion Ratio Lower Upper
 228 100
 226 34.8 23.8 35.8
 229 39.4 15.6 23.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF137932.D

Acq: 17 May 2024 15:20

Instrument :

BNA_F

ClientSampleId :

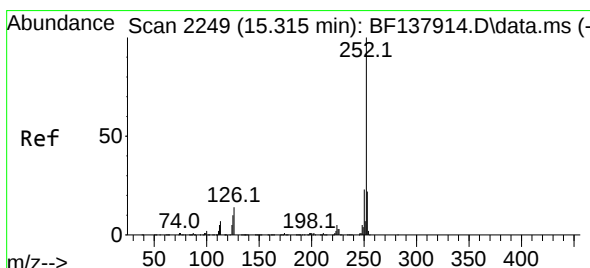
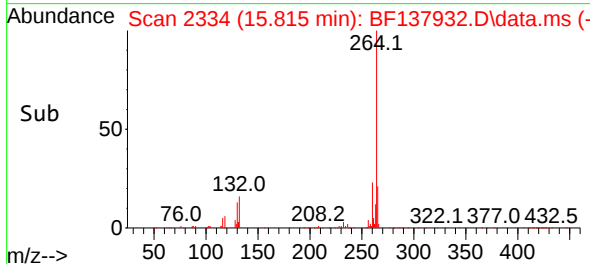
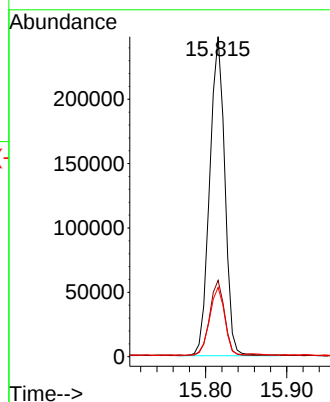
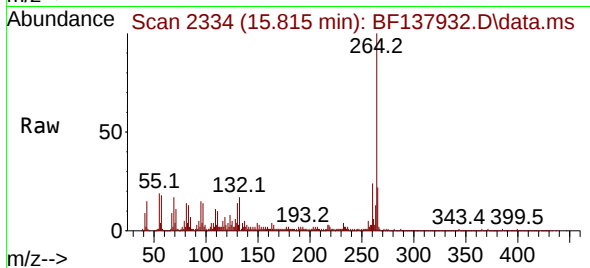
CHRT-24376

Tgt Ion:264	Resp:	32084
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.3 27.5
265	21.6	17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#88

Benzo(b)fluoranthene

Concen: 3.042 ng m

RT: 15.345 min Scan# 2254

Delta R.T. 0.029 min

Lab File: BF137932.D

Acq: 17 May 2024 15:20

Tgt Ion:252	Resp:	56502
Ion Ratio	Lower	Upper
252	100	
253	36.3	17.6 26.4#
125	73.5	8.2 12.4#

