

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140679.D
 Acq On : 27 Nov 2024 19:16
 Operator : RC/JU
 Sample : P5019-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-11262024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 28 00:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80532	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	281575	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	130939	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	217511	20.000	ng	0.00
76) Chrysene-d12	14.045	240	129301	20.000	ng	0.00
86) Perylene-d12	15.545	264	108880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	136602	28.941	ng	0.00
7) Phenol-d6	6.504	99	182693	29.278	ng	-0.01
23) Nitrobenzene-d5	7.428	82	112350	20.409	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	35442	25.308	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	213239	24.264	ng	-0.01
79) Terphenyl-d14	12.980	244	184315	22.196	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	39157	3.745	ng	98
75) Fluoranthene	12.615	202	54260	4.780	ng	97
78) Pyrene	12.845	202	84256	7.047	ng	98
81) Benzo(a)anthracene	14.039	228	29675	3.467	ng	# 86
83) Chrysene	14.074	228	32266	4.123	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.015	149	107529	19.773	ng	99
88) Benzo(b)fluoranthene	15.109	252	24524m	3.586	ng	
90) Benzo(a)pyrene	15.486	252	20564	3.698	ng	# 86
92) Benzo(g,h,i)perylene	17.521	276	14282	2.409	ng	# 81

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

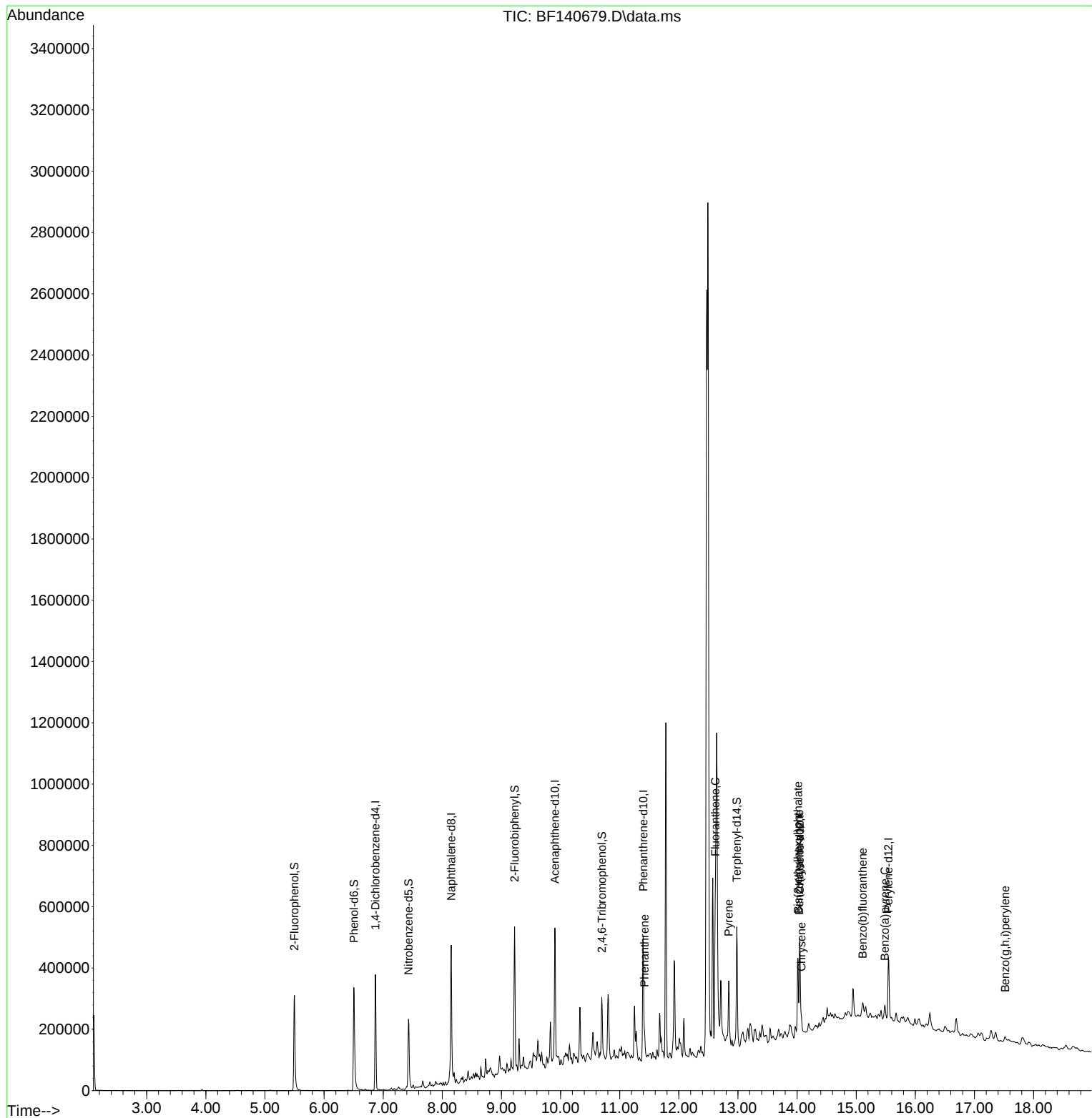
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140679.D
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Quant Time: Nov 28 00:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Manual Integrations
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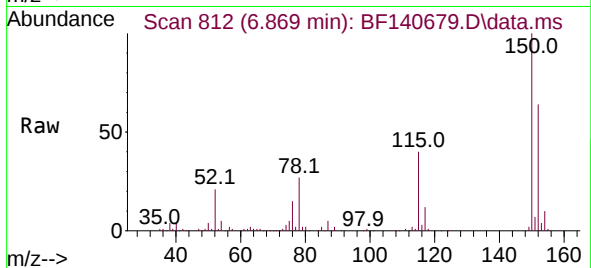
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

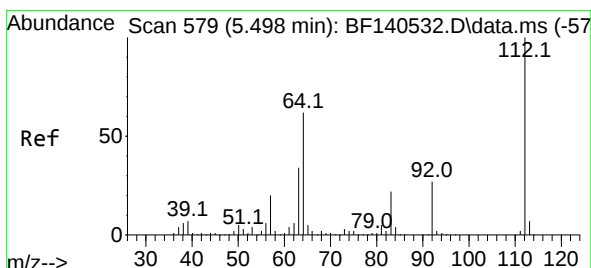
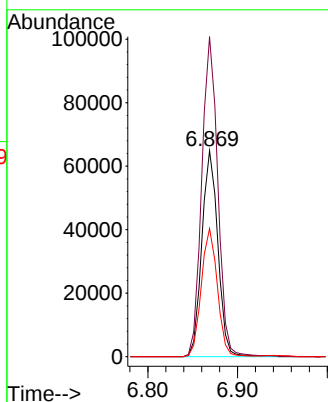
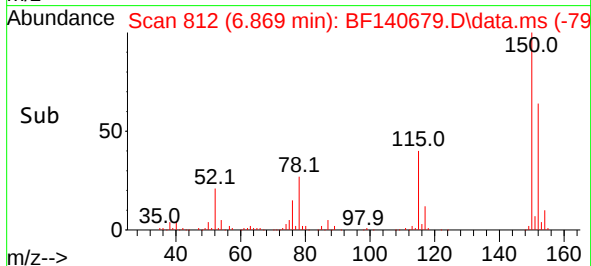
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:152 Resp: 80532
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 62.2 50.2 75.4

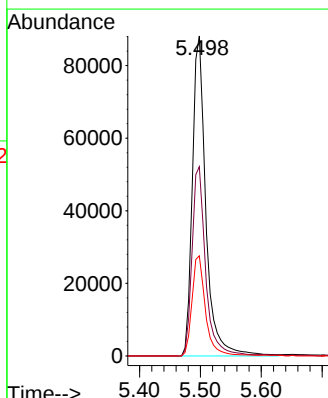
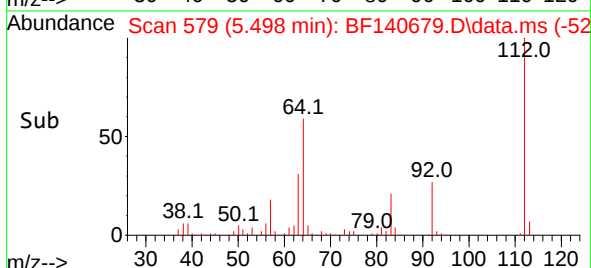
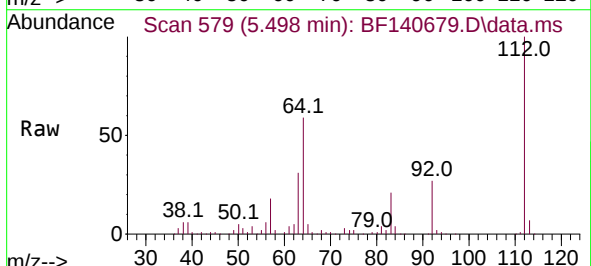
Manual Integrations
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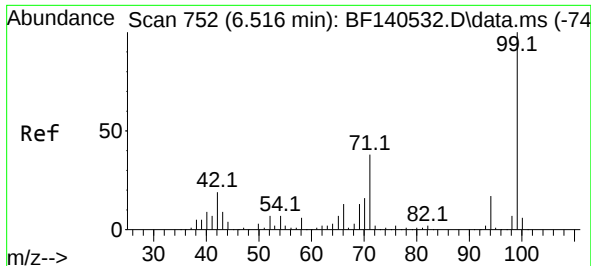
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#5
2-Fluorophenol
Concen: 28.941 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

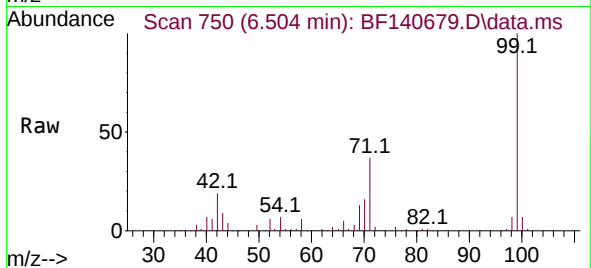
Tgt Ion:112 Resp: 136602
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.3 27.0 40.4





#7
Phenol-d6
Concen: 29.278 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

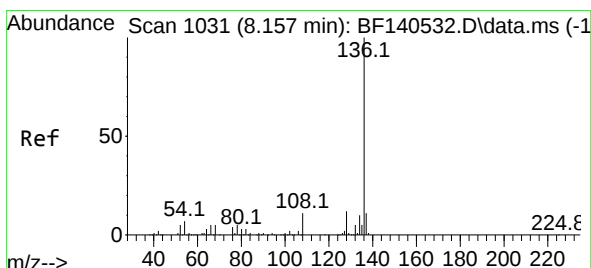
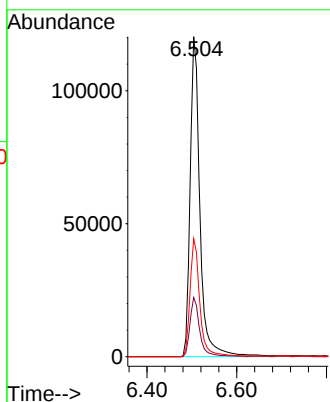
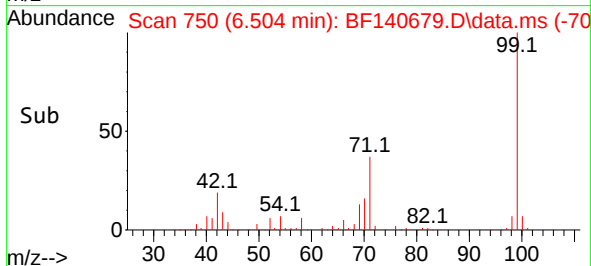
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



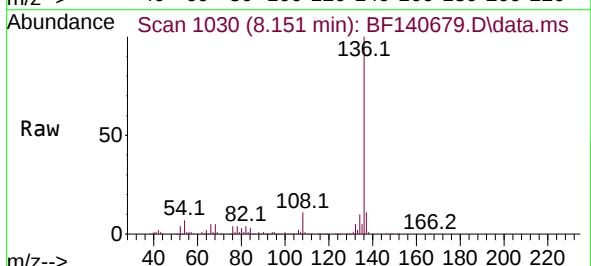
Tgt Ion: 99 Resp: 18269
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.8 30.6 46.0

Manual Integrations
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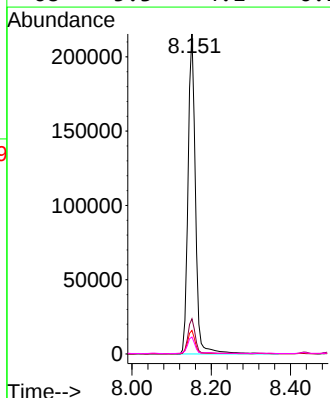
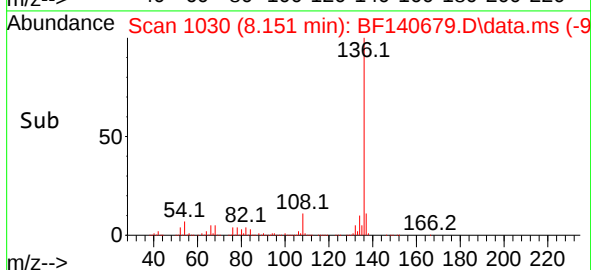
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

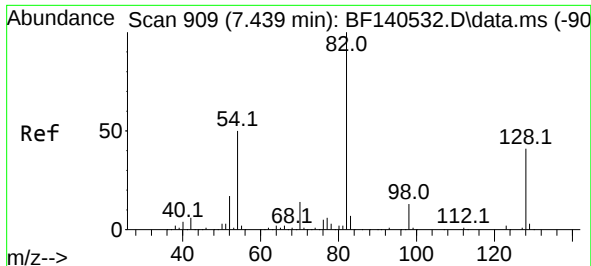


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16



Tgt Ion:136 Resp: 281575
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 5.8 8.8
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 20.409 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

Tgt Ion: 82 Resp: 112350

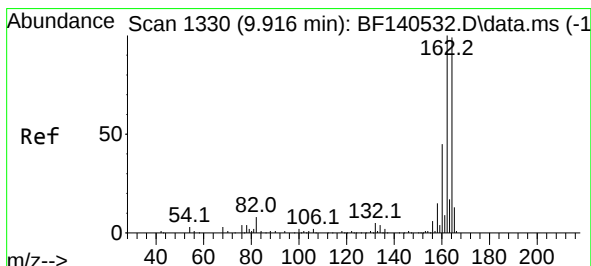
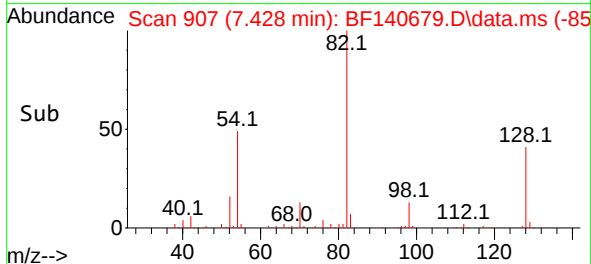
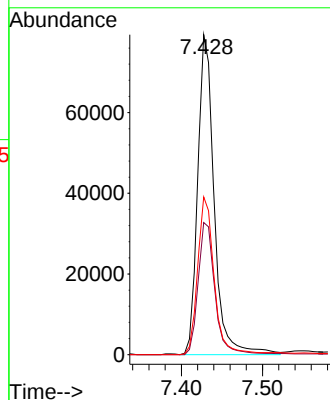
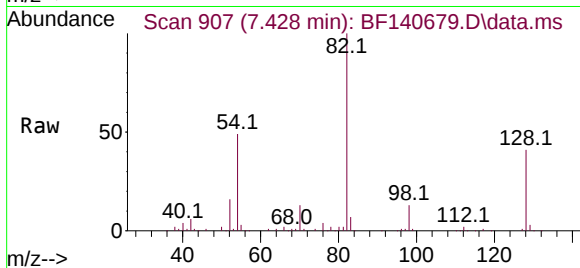
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	49.3	39.5	59.3

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

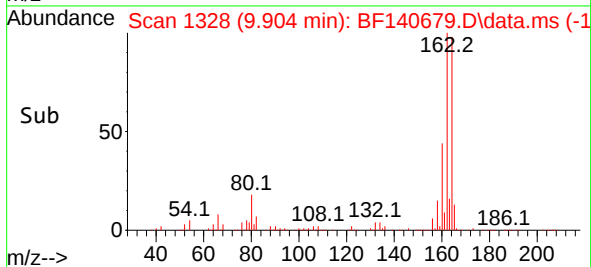
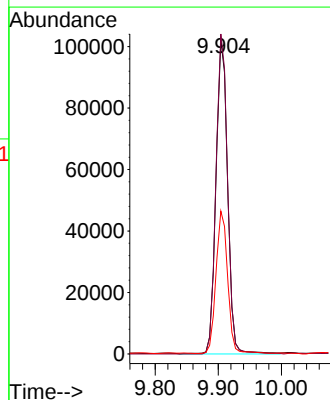
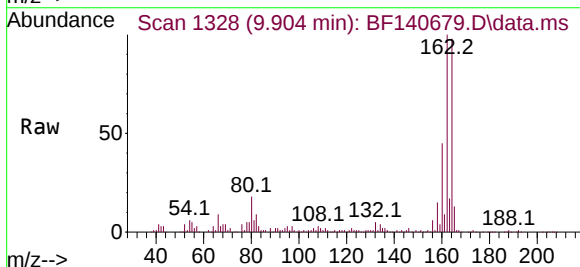
Delta R.T. -0.012 min

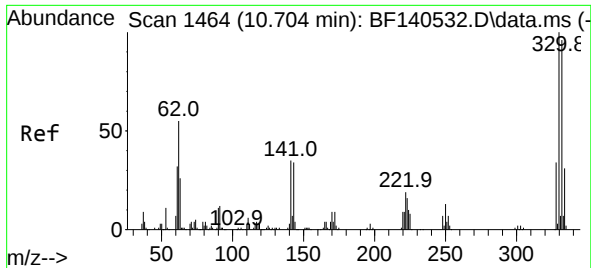
Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Tgt Ion:164 Resp: 130939

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.5	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 25.308 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

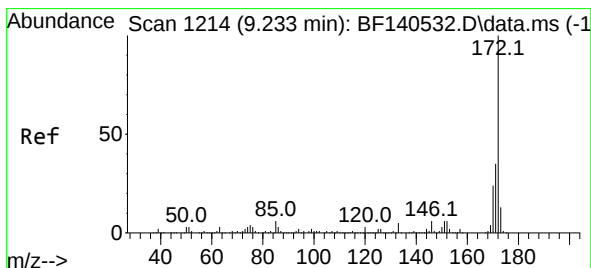
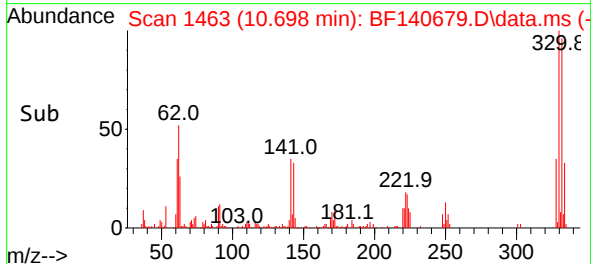
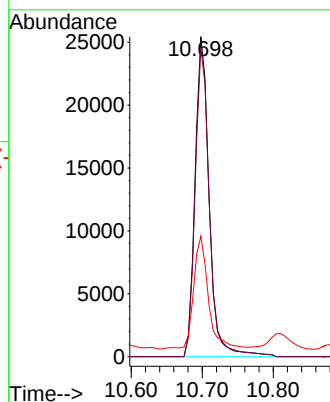
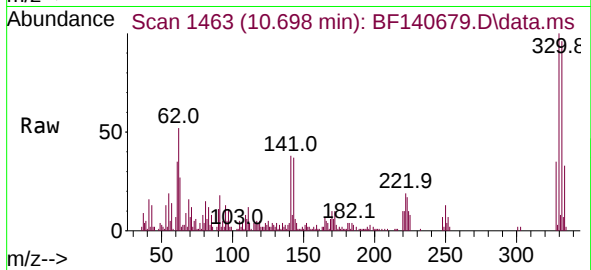
EO-02-11262024

Tgt Ion: 330 Resp: 3544
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 36.7 26.7 40.1

Manual Integrations

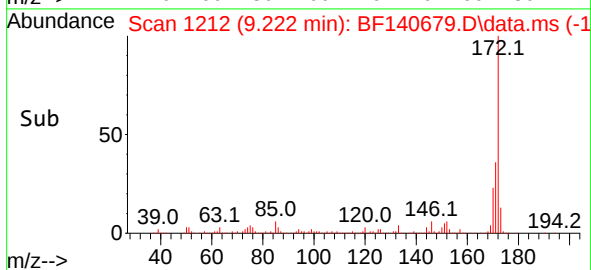
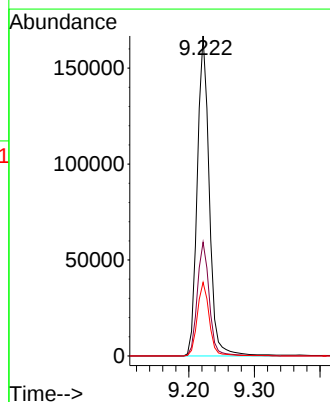
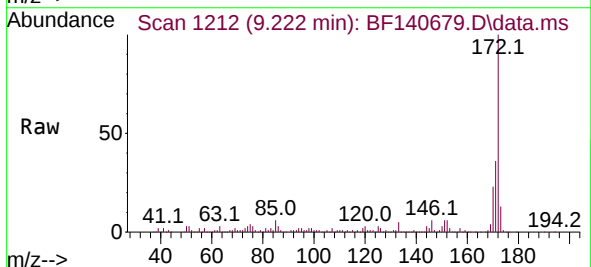
APPROVED

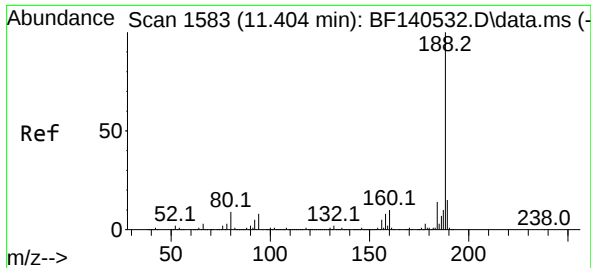
Reviewed By : Yogesh Patel 11/29/2024
Supervised By : mohammad ahmed 11/29/2024



#45
2-Fluorobiphenyl
Concen: 24.264 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion: 172 Resp: 213239
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.0 19.0 28.6





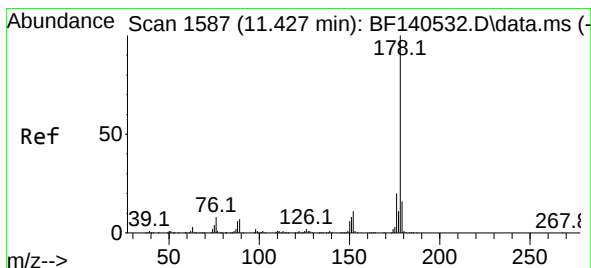
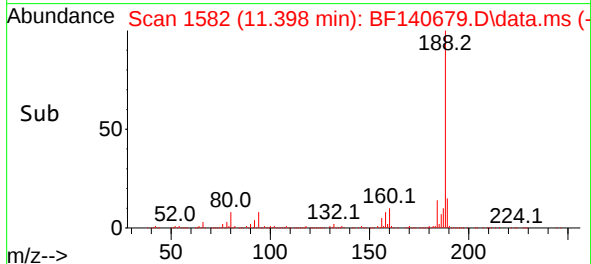
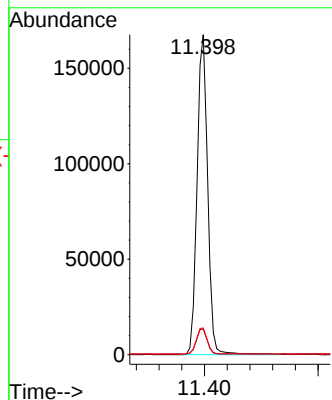
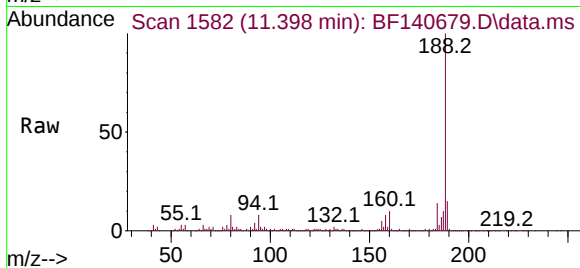
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Instrument :
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ClientSampleId :
EO-02-11262024

Tgt Ion:188 Resp: 21751
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.4 6.9 10.3

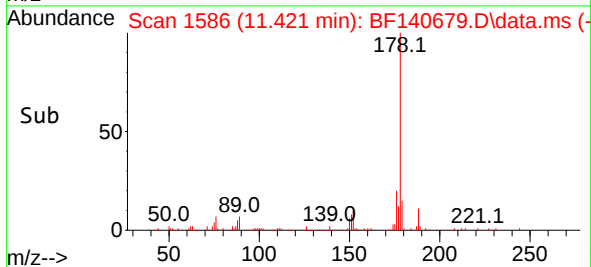
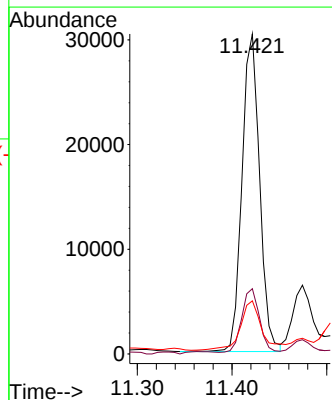
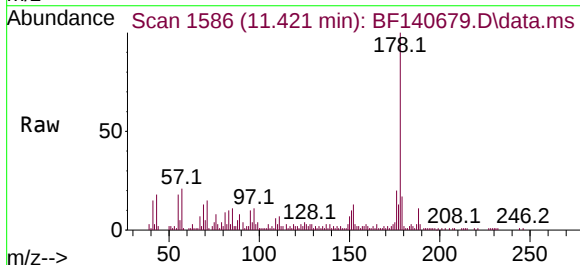
Manual Integrations
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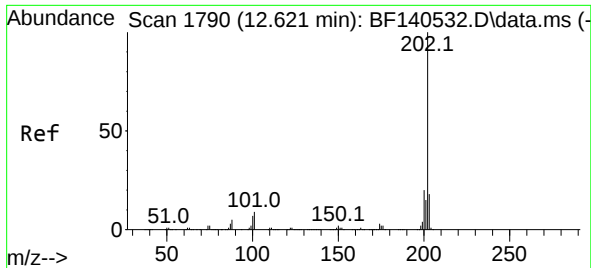
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#71
Phenanthrene
Concen: 3.745 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

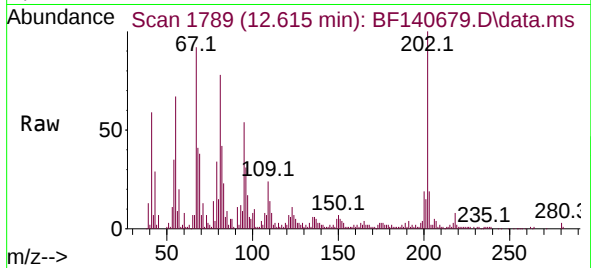
Tgt Ion:178 Resp: 39157
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.6 12.4 18.6





#75
Fluoranthene
Concen: 4.780 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

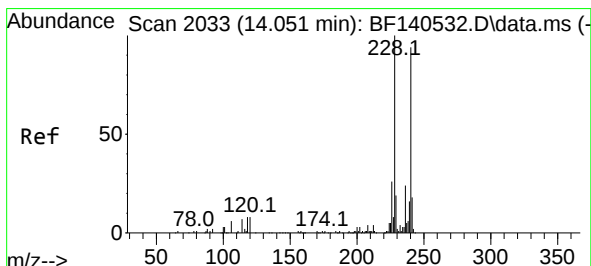
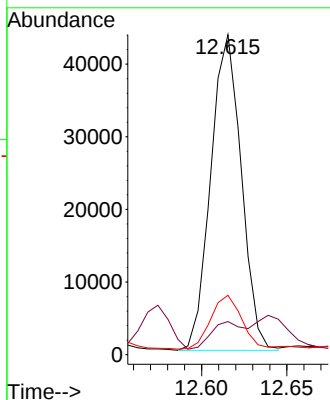
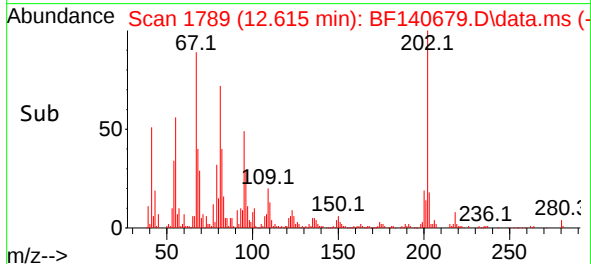
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:202 Resp: 54260
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.9
203 18.6 0.0 37.6

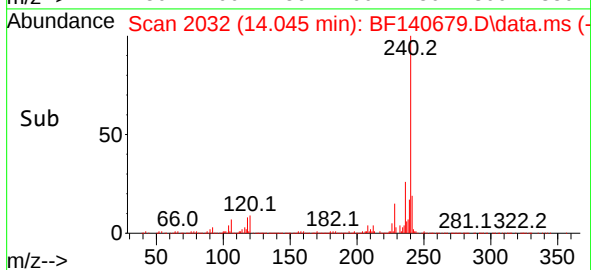
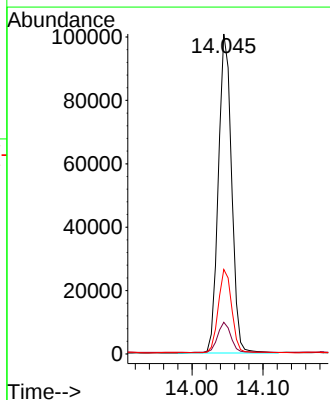
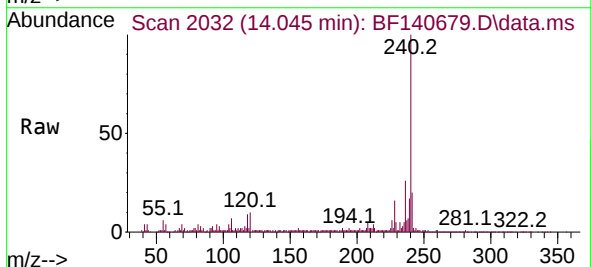
Manual Integrations
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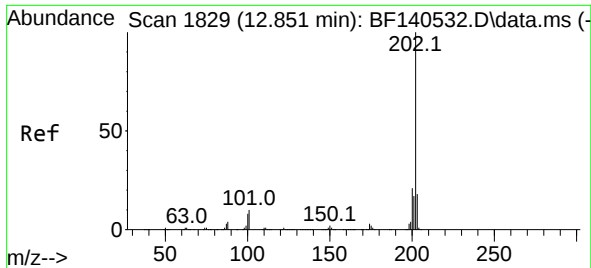
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

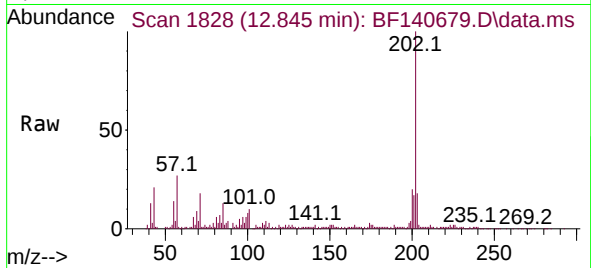
Tgt Ion:240 Resp: 129301
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 26.4 20.6 31.0





#78
Pyrene
Concen: 7.047 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

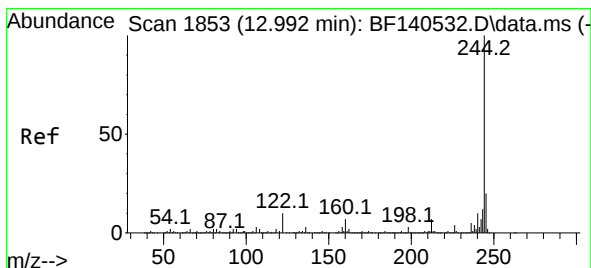
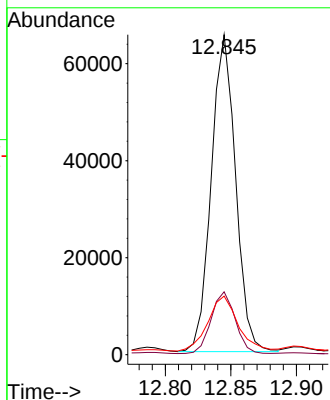
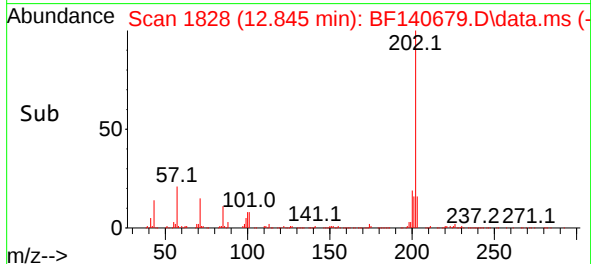
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:202 Resp: 84250
Ion Ratio Lower Upper
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200 19.7 16.5 24.7
203 18.3 14.2 21.4

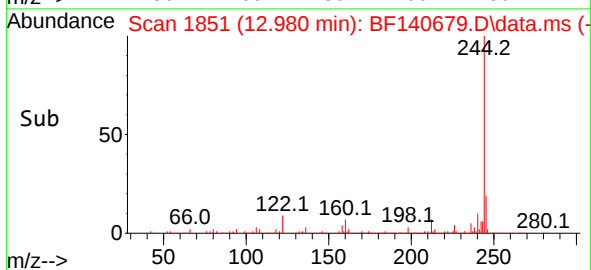
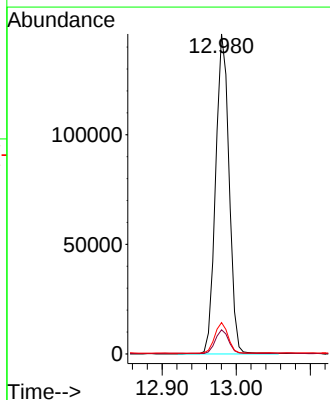
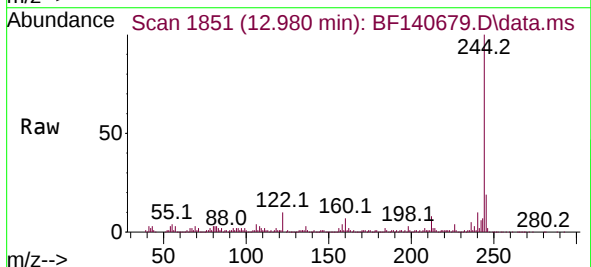
Manual Integrations
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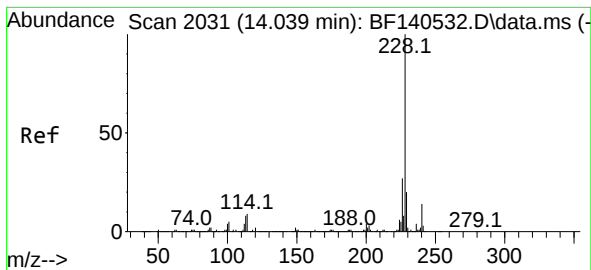
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#79
Terphenyl-d14
Concen: 22.196 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

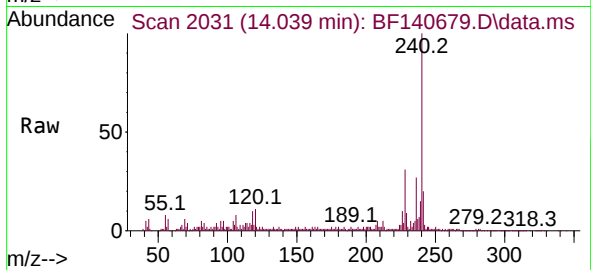
Tgt Ion:244 Resp: 184315
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.8 8.0 12.0





#81
Benzo(a)anthracene
Concen: 3.467 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

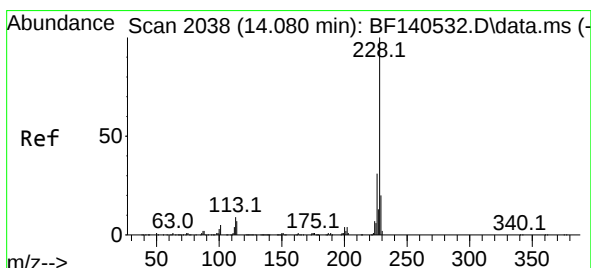
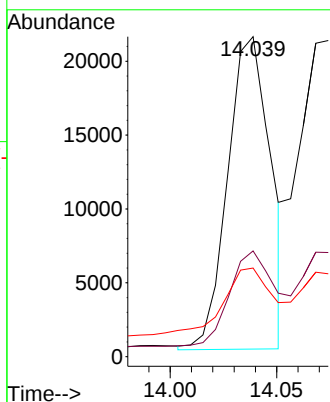
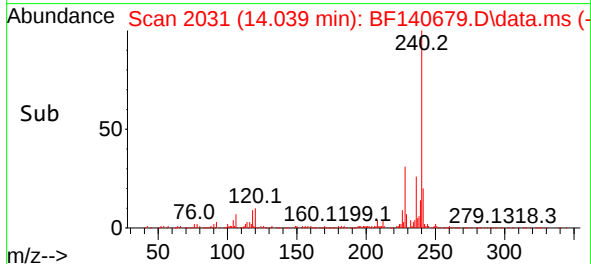
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:228 Resp: 29679
Ion Ratio Lower Upper
228 100
226 33.0 21.8 32.8
229 27.7 15.8 23.6

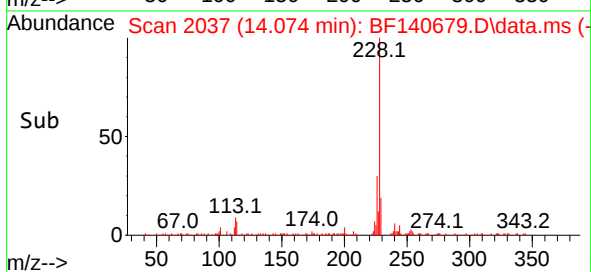
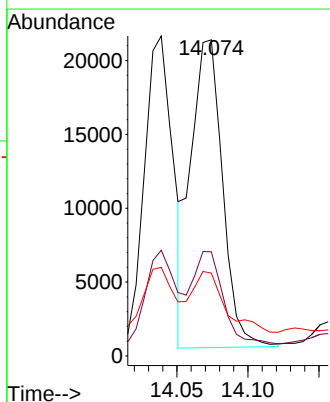
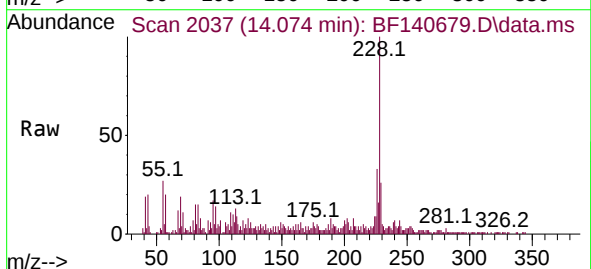
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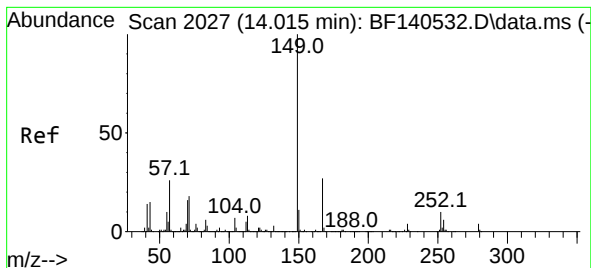
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#83
Chrysene
Concen: 4.123 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

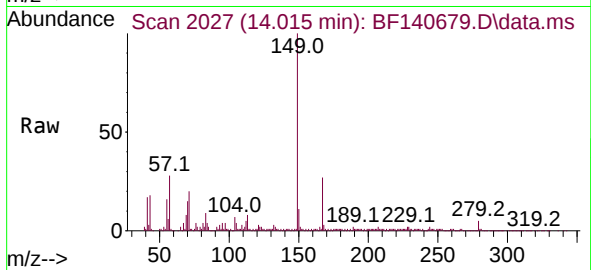
Tgt Ion:228 Resp: 32266
Ion Ratio Lower Upper
228 100
226 32.9 24.4 36.6
229 26.2 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 19.773 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

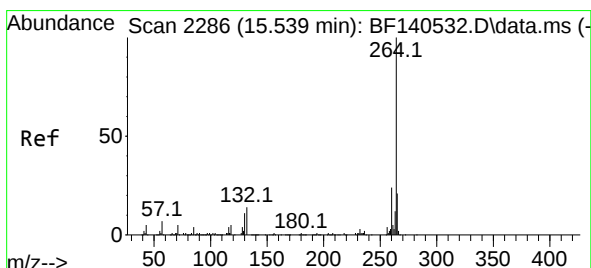
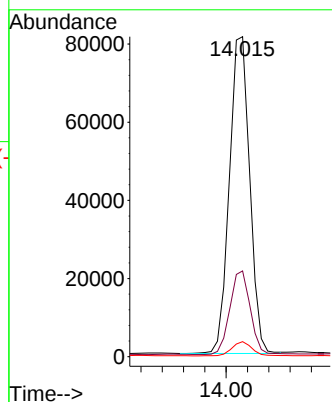
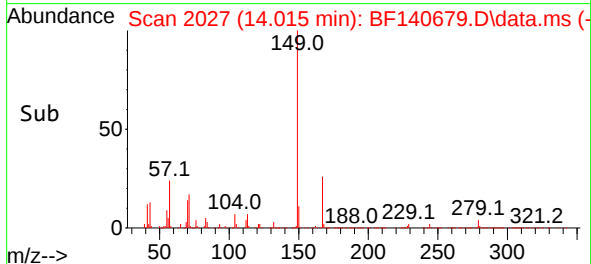
Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:149 Resp: 107529
Ion Ratio Lower Upper
149 100
167 26.8 21.2 31.8
279 4.7 3.2 4.8

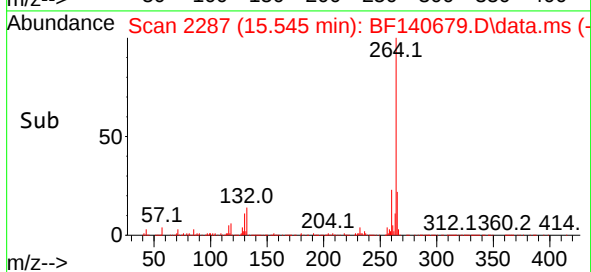
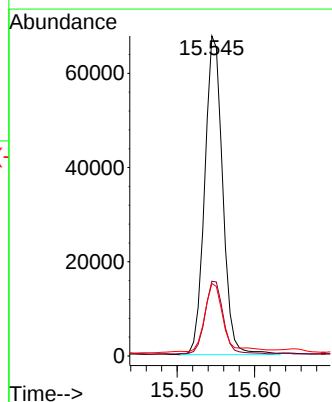
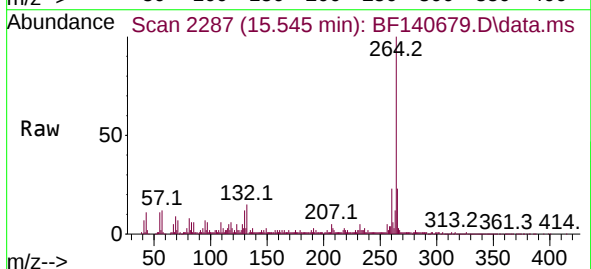
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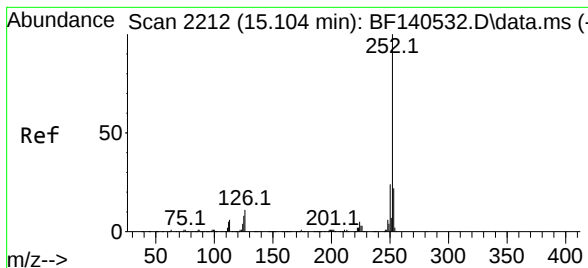
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Tgt Ion:264 Resp: 108880
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 22.6 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 3.586 ng m

RT: 15.109 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

Instrument :

BNA_F

ClientSampleId :

EO-02-11262024

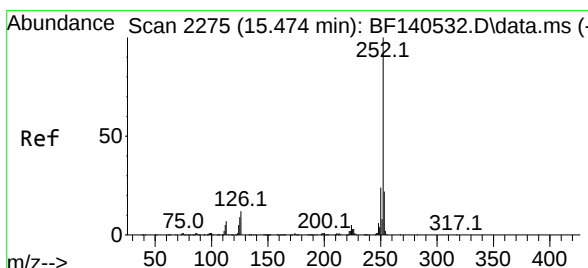
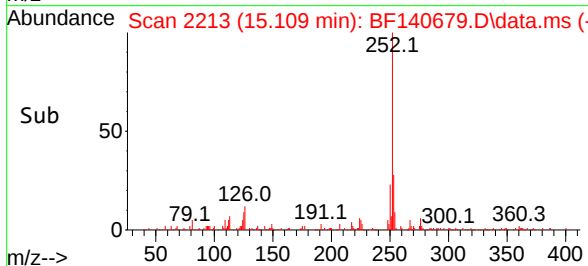
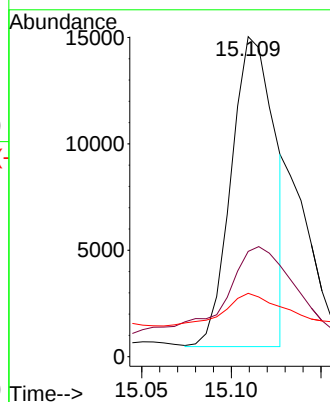
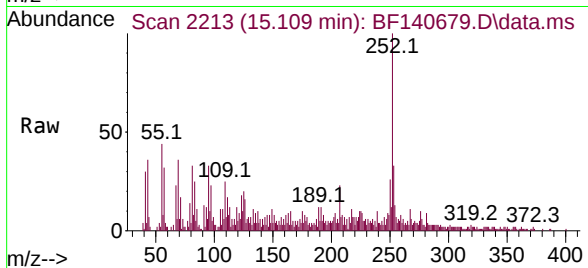
Tgt Ion:252 Resp: 24524
 Ion Ratio Lower Upper
 252 100
 253 32.9 17.2 25.8#
 125 19.8 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#90

Benzo(a)pyrene

Concen: 3.698 ng

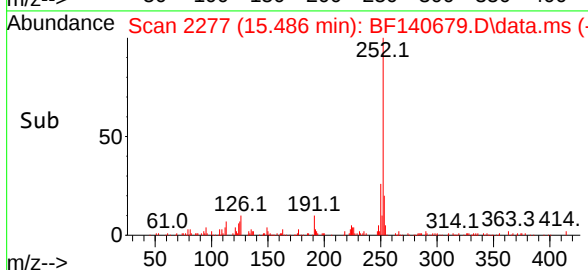
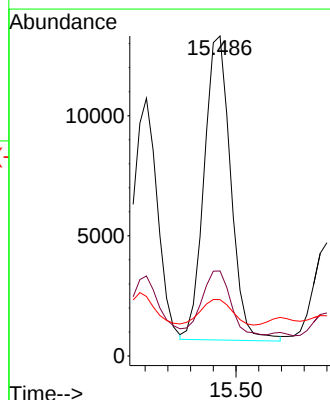
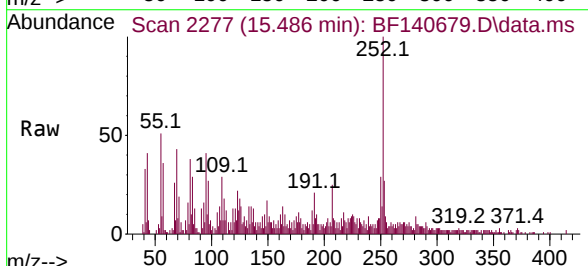
RT: 15.486 min Scan# 2277

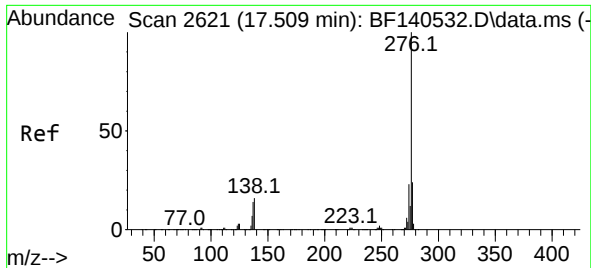
Delta R.T. 0.012 min

Lab File: BF140679.D

Acq: 27 Nov 2024 19:16

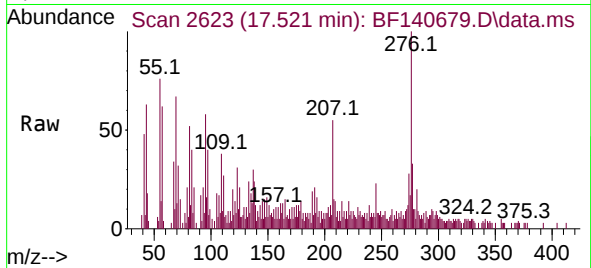
Tgt Ion:252 Resp: 20564
 Ion Ratio Lower Upper
 252 100
 253 26.5 17.3 25.9#
 125 17.6 7.0 10.6#





#92
Benzo(g,h,i)perylene
Concen: 2.409 ng
RT: 17.521 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF140679.D
Acq: 27 Nov 2024 19:16

Instrument :
BNA_F
ClientSampleId :
EO-02-11262024



Tgt Ion:276 Resp: 1428
Ion Ratio Lower Upper
276 100
277 33.0 18.9 28.3
138 24.4 13.2 19.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

