

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138416.D
 Acq On : 01 Jul 2024 21:34
 Operator : CG\JU
 Sample : P2977-21RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D3RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 02 01:17:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	178874	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	607816	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	241088	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	377222	20.000	ng	0.00
76) Chrysene-d12	14.027	240	320431	20.000	ng	0.00
86) Perylene-d12	15.492	264	232217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	803741	74.497	ng	0.00
7) Phenol-d6	6.510	99	998030	68.670	ng	0.00
23) Nitrobenzene-d5	7.434	82	610372	52.166	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	137634	69.875	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	870966	57.494	ng	0.00
79) Terphenyl-d14	12.974	244	887318	37.949	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	56890	3.089	ng	96
75) Fluoranthene	12.604	202	200414	12.138	ng	98
78) Pyrene	12.827	202	186451	5.444	ng	97
81) Benzo(a)anthracene	14.015	228	103028	4.995	ng	97
83) Chrysene	14.051	228	91720	4.570	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	63251	4.840	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	35126	3.010	ng	98
88) Benzo(b)fluoranthene	15.062	252	84162m	6.606	ng	
89) Benzo(k)fluoranthene	15.092	252	29657m	2.527	ng	
90) Benzo(a)pyrene	15.433	252	53991	4.835	ng	# 96
92) Benzo(g,h,i)perylene	17.403	276	34825	3.780	ng	94

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

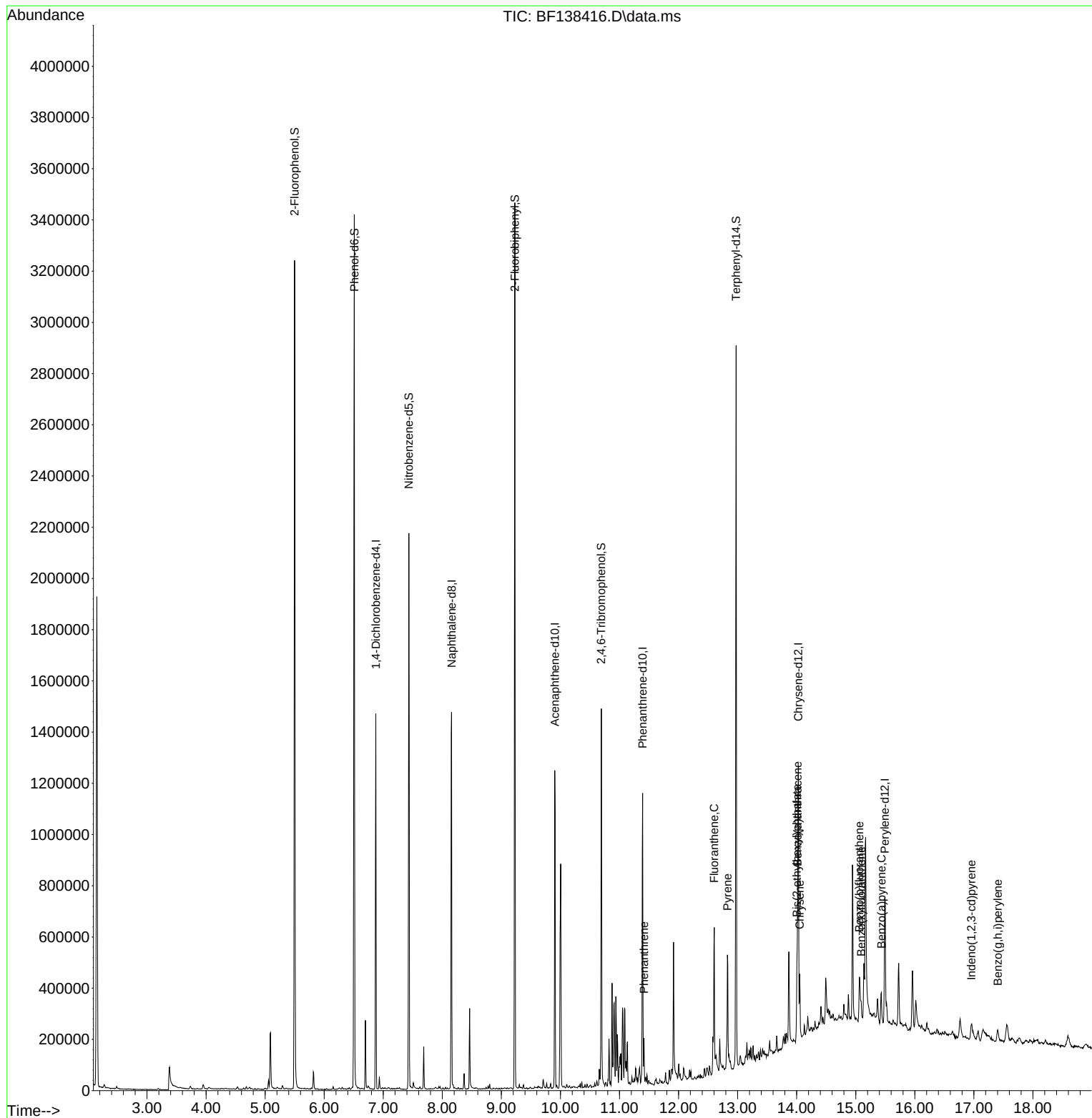
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138416.D
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ALS Vial : 23 Sample Multiplier: 1

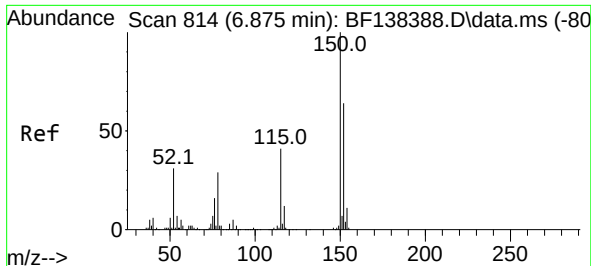
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE

Quant Time: Jul 02 01:17:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
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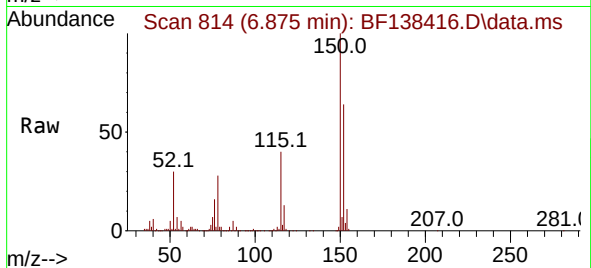
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

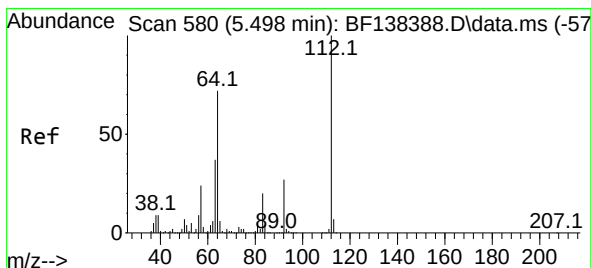
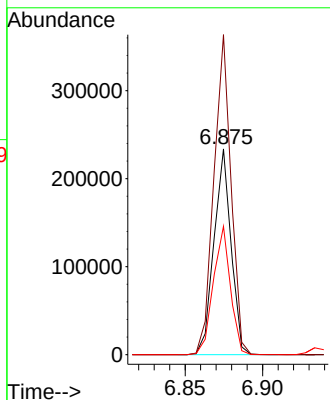
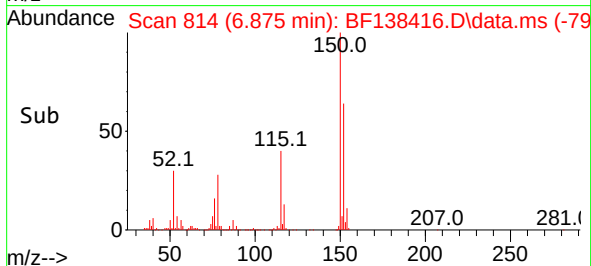
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion:152 Resp: 178874
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 62.4 50.8 76.2

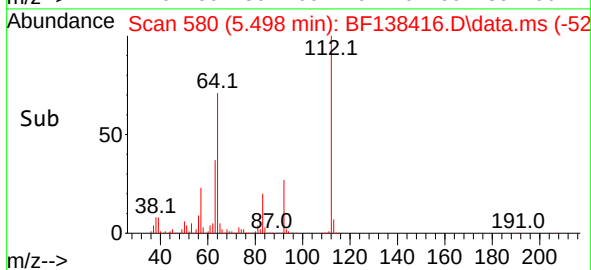
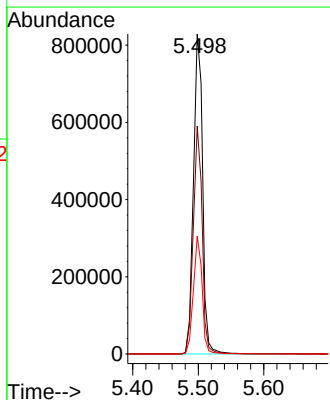
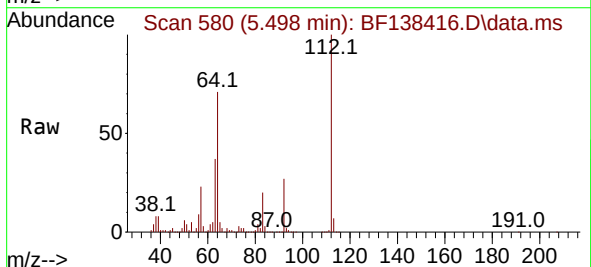
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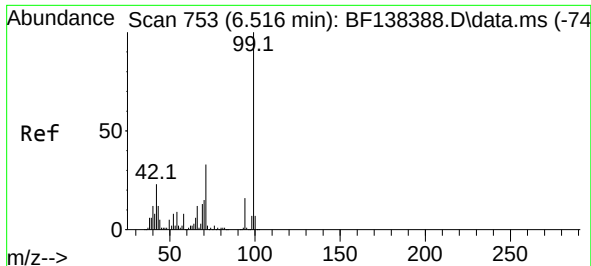
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#5
2-Fluorophenol
Concen: 74.497 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

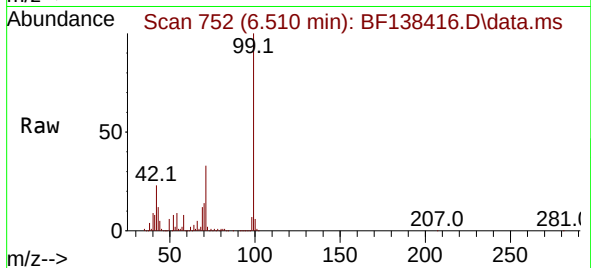
Tgt Ion:112 Resp: 803741
Ion Ratio Lower Upper
112 100
64 71.1 57.2 85.8
63 36.8 29.4 44.0





#7
Phenol-d6
Concen: 68.670 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

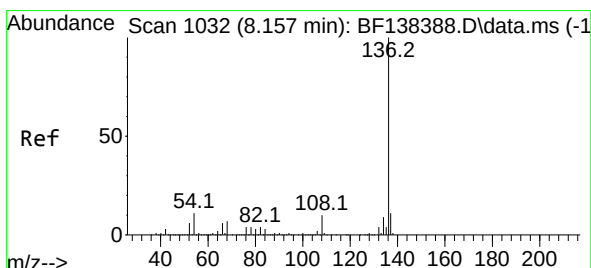
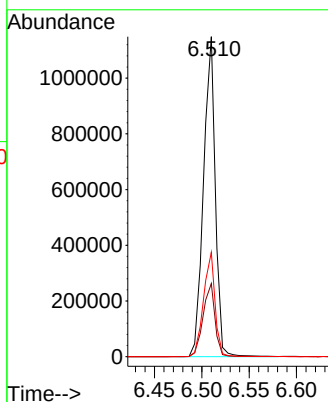
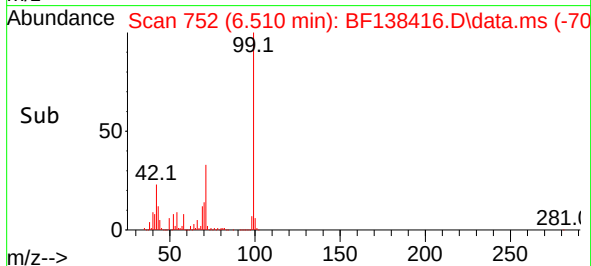
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion: 99 Resp: 998030
Ion Ratio Lower Upper
99 100
42 22.9 18.5 27.7
71 32.6 26.1 39.1

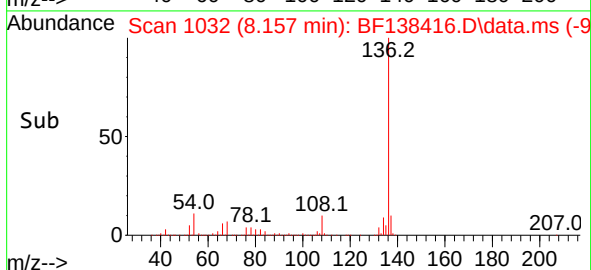
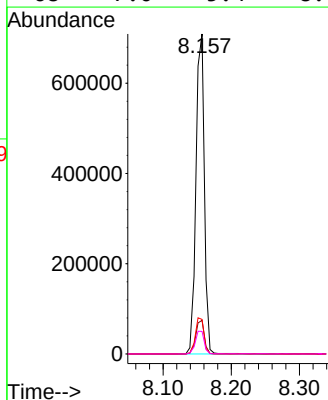
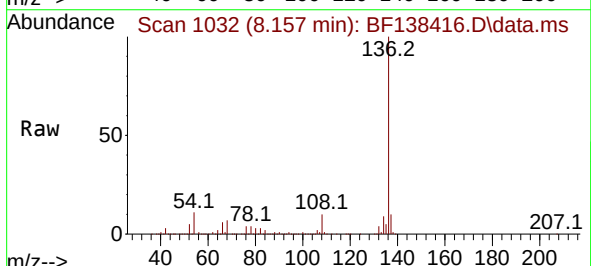
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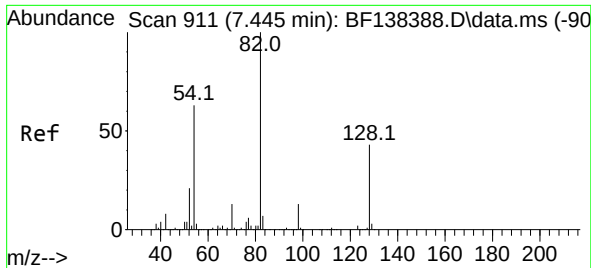
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Tgt Ion:136 Resp: 607816
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.8 9.0 13.4
68 7.0 5.4 8.0





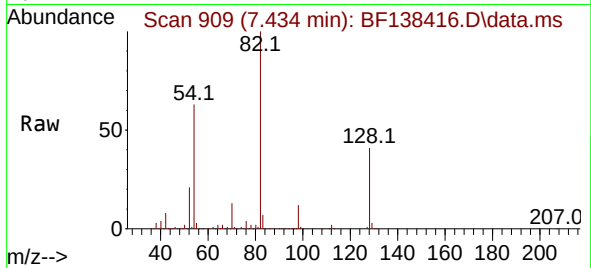
#23
Nitrobenzene-d5
Concen: 52.166 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

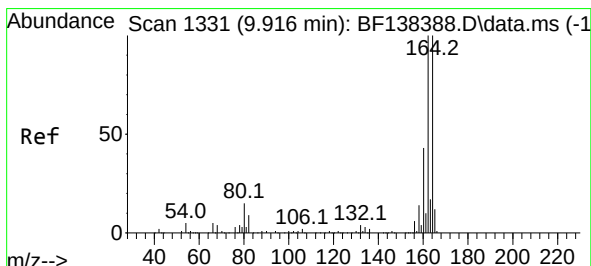
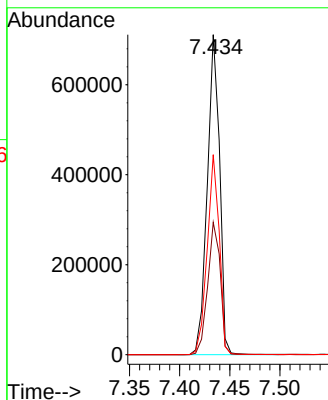
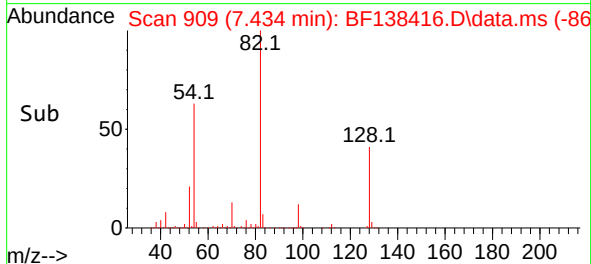
OSTL-D3RE



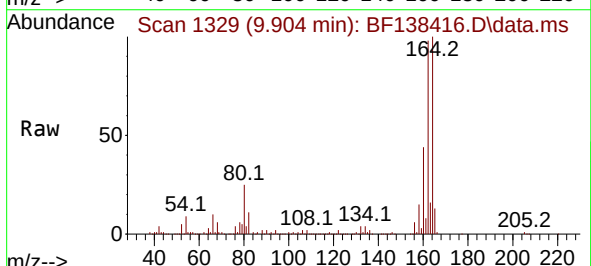
Tgt Ion: 82 Resp: 610372
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 62.5 50.5 75.7

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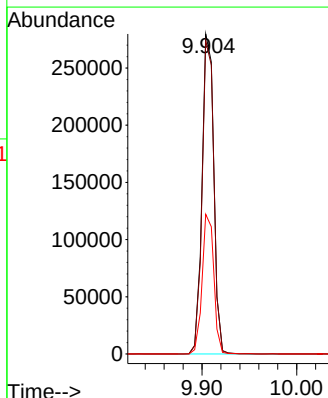
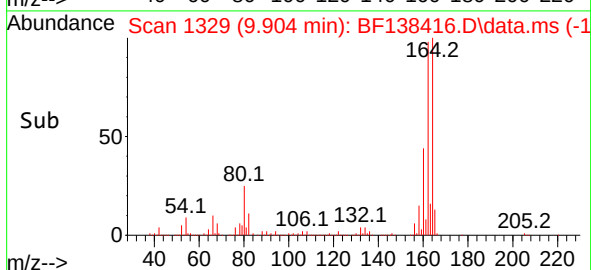
Reviewed By :Jagrut Upadhyay 07/02/2024
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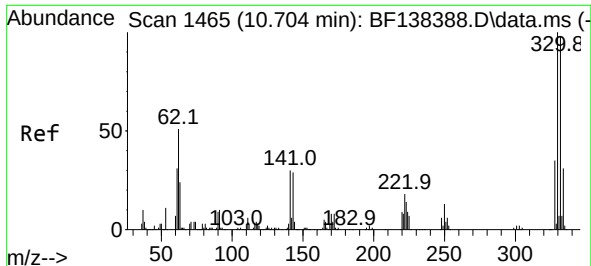


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34



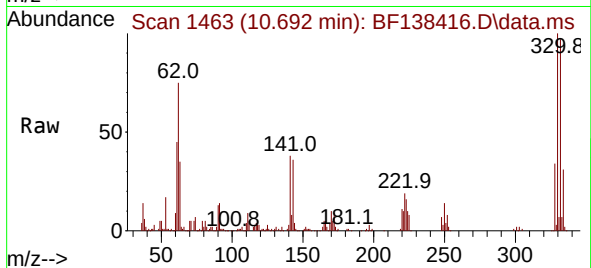
Tgt Ion:164 Resp: 241088
Ion Ratio Lower Upper
164 100
162 97.8 80.1 120.1
160 43.6 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 69.875 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

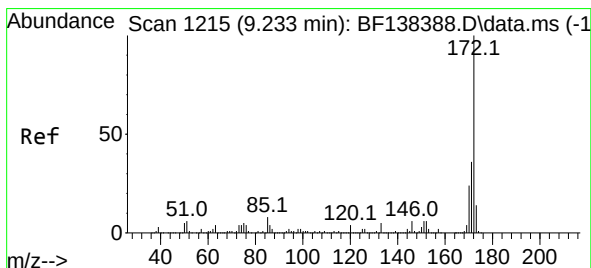
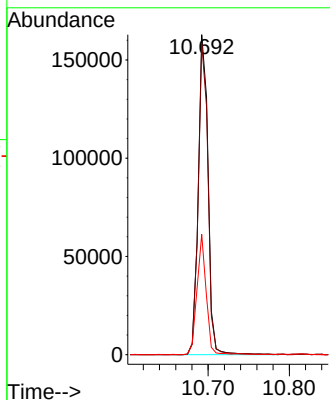
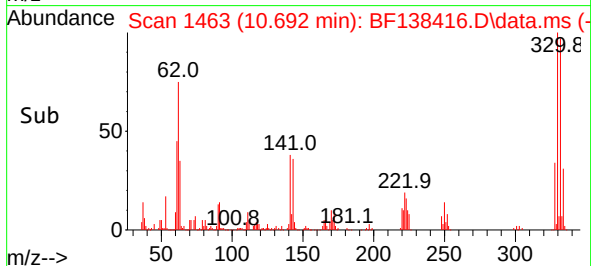
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



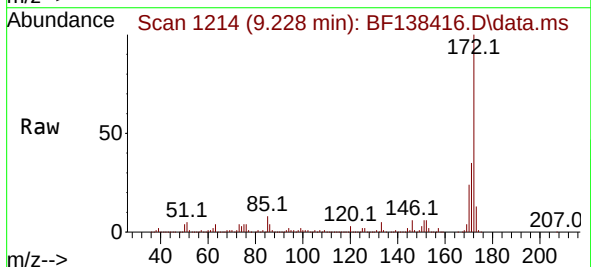
Tgt Ion:330 Resp: 137634
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 35.6 28.1 42.1

Manual Integrations
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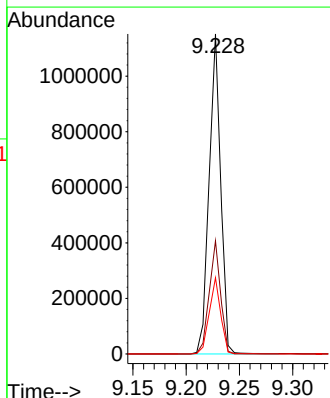
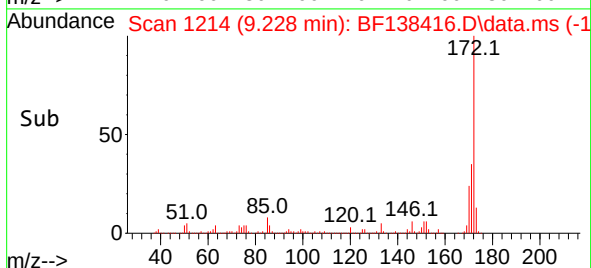
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

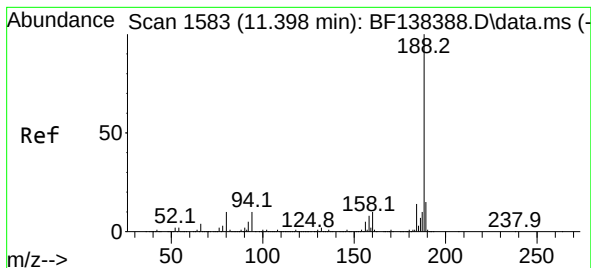


#45
2-Fluorobiphenyl
Concen: 57.494 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34



Tgt Ion:172 Resp: 870966
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.8 19.0 28.6





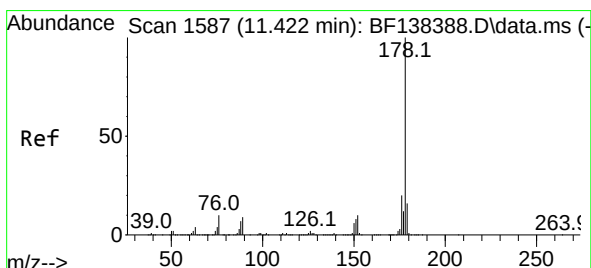
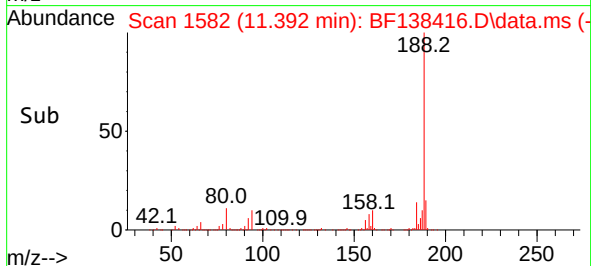
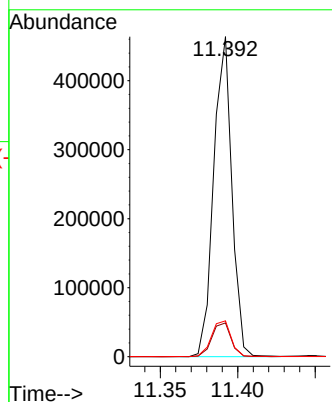
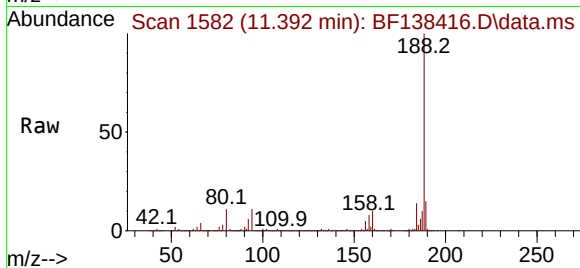
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE

Tgt Ion:188 Resp: 37722
Ion Ratio Lower Upper
188 100
94 10.6 8.0 12.0
80 11.2 8.2 12.4

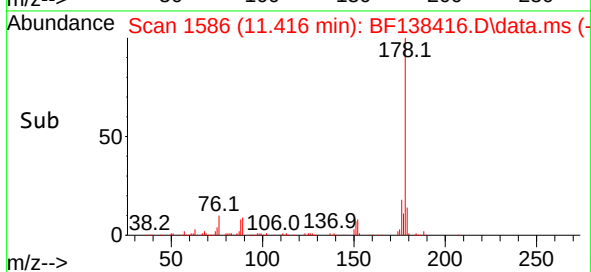
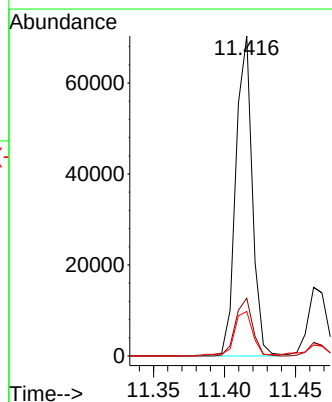
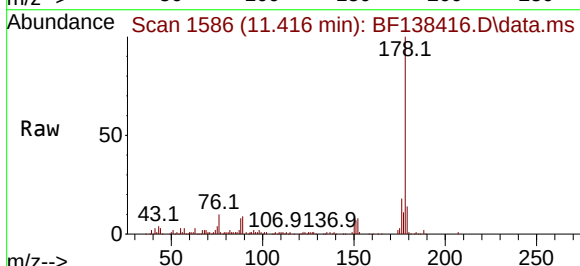
Manual Integrations
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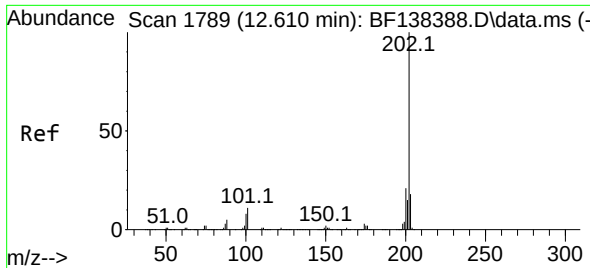
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#71
Phenanthrene
Concen: 3.089 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

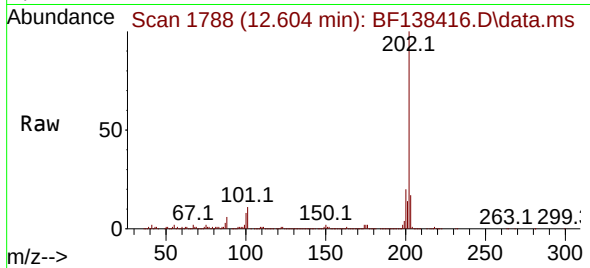
Tgt Ion:178 Resp: 56890
Ion Ratio Lower Upper
178 100
176 18.0 16.1 24.1
179 13.9 12.6 18.8





#75
Fluoranthene
Concen: 12.138 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

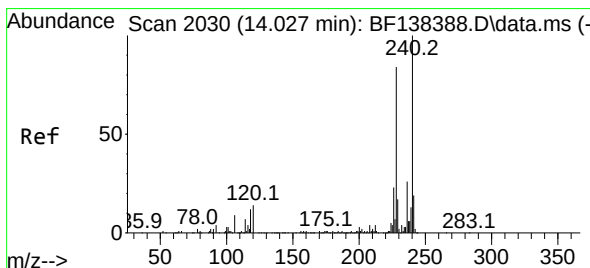
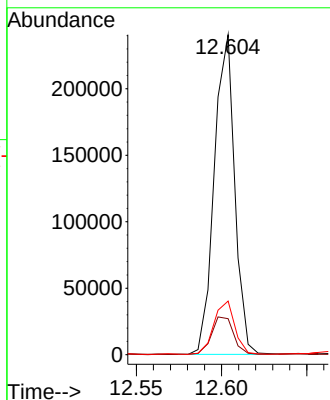
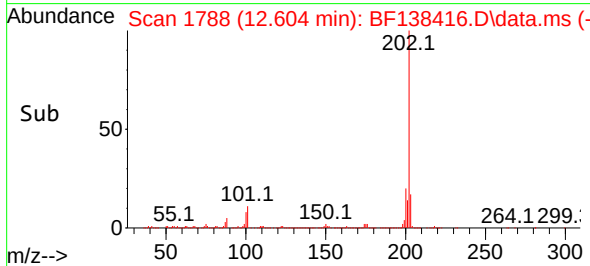
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion:202 Resp: 200414
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 16.7 0.0 37.6

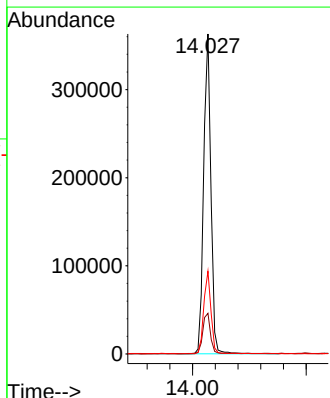
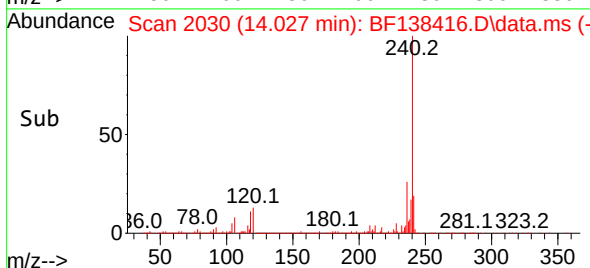
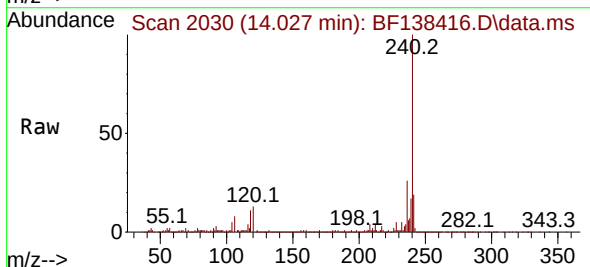
Manual Integrations
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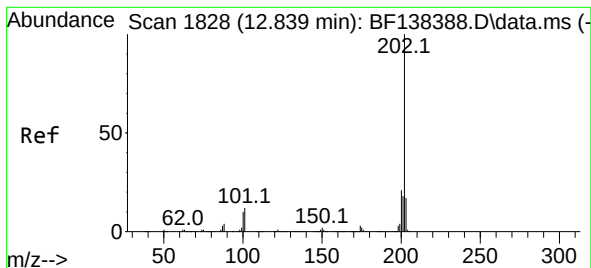
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Tgt Ion:240 Resp: 320431
Ion Ratio Lower Upper
240 100
120 12.7 10.9 16.3
236 25.9 20.6 30.8





#78

Pyrene

Concen: 5.444 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF138416.D

Acq: 01 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

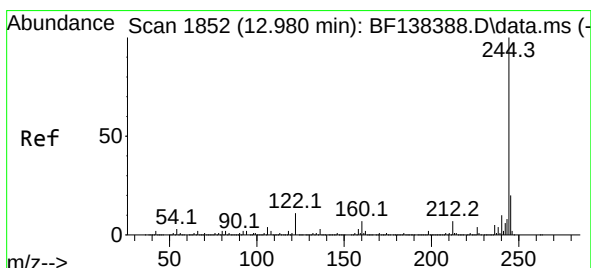
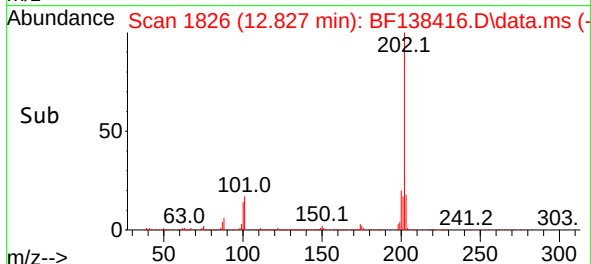
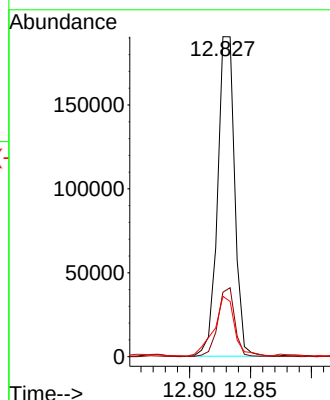
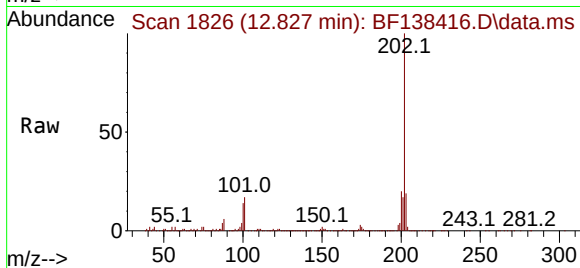
OSTL-D3RE

Tgt Ion:202 Resp: 18645
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.9 25.3
 203 18.8 13.8 20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 37.949 ng

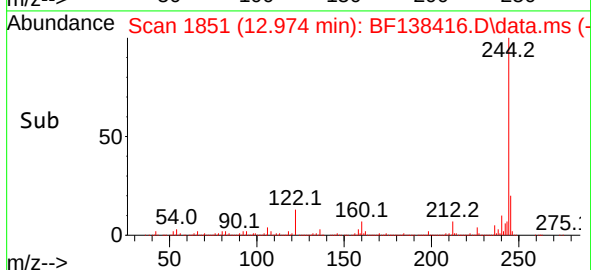
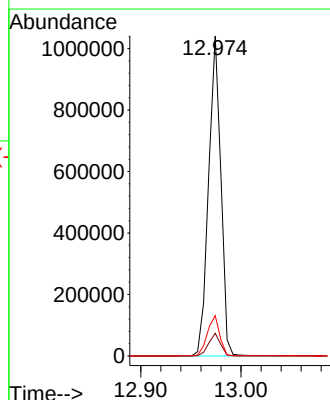
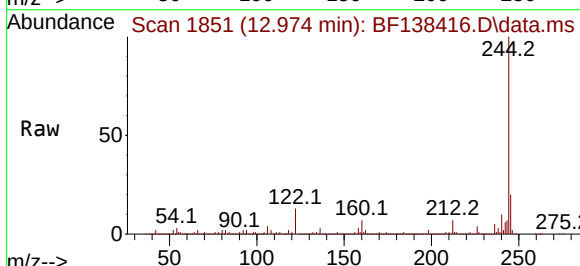
RT: 12.974 min Scan# 1851

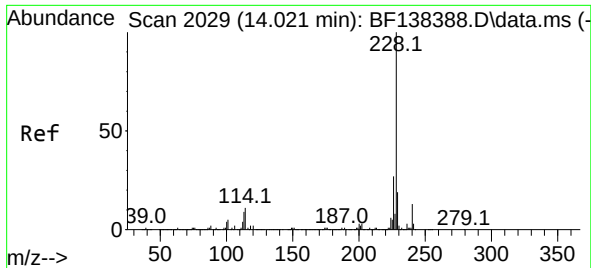
Delta R.T. -0.006 min

Lab File: BF138416.D

Acq: 01 Jul 2024 21:34

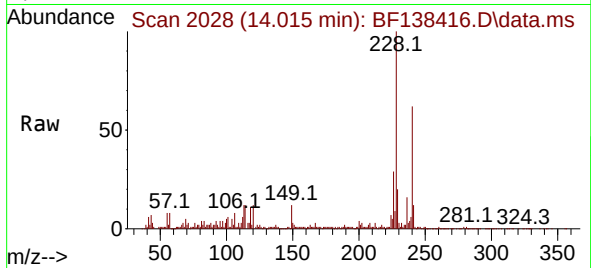
Tgt Ion:244 Resp: 887318
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.6 9.0 13.4





#81
Benzo(a)anthracene
Concen: 4.995 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

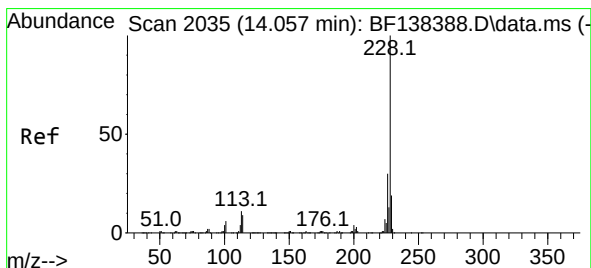
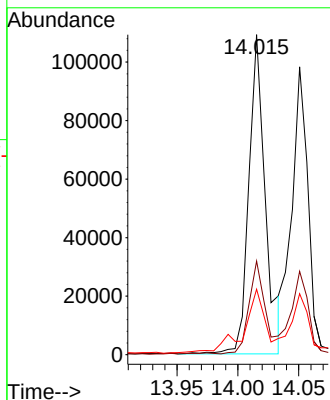
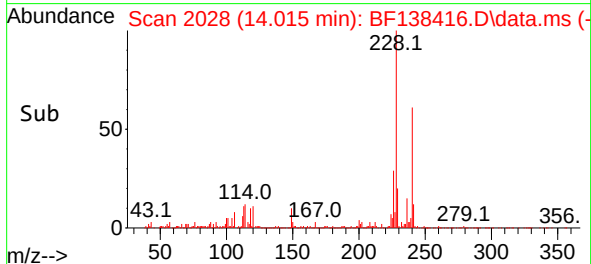
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion:228 Resp: 103028
Ion Ratio Lower Upper
228 100
226 29.3 21.7 32.5
229 20.5 15.5 23.3

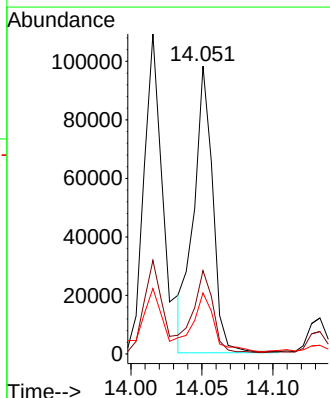
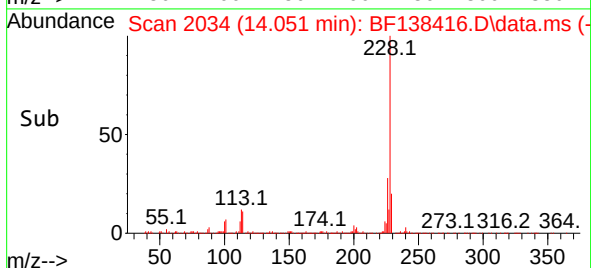
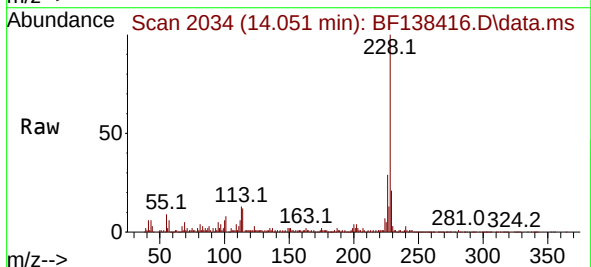
Manual Integrations
APPROVED

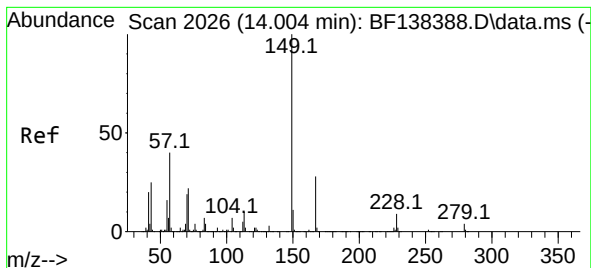
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#83
Chrysene
Concen: 4.570 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

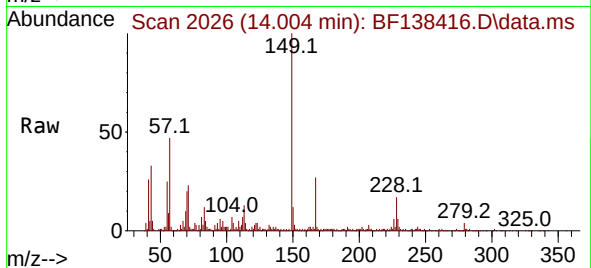
Tgt Ion:228 Resp: 91720
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.6
229 21.2 15.2 22.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.840 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

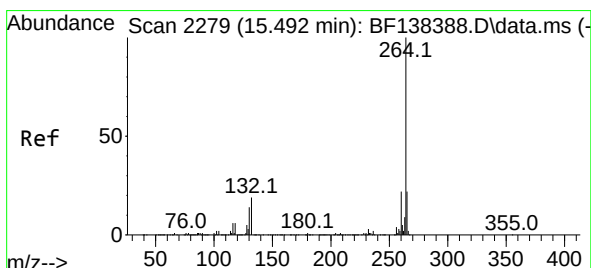
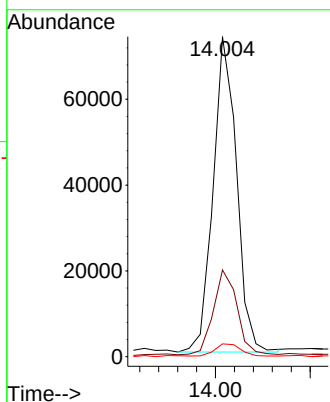
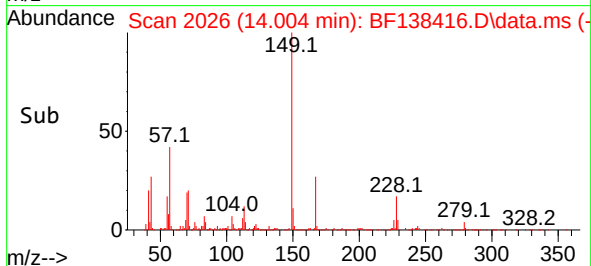
Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion:149 Resp: 6325
Ion Ratio Lower Upper
149 100
167 27.1 22.6 33.8
279 4.0 3.2 4.8

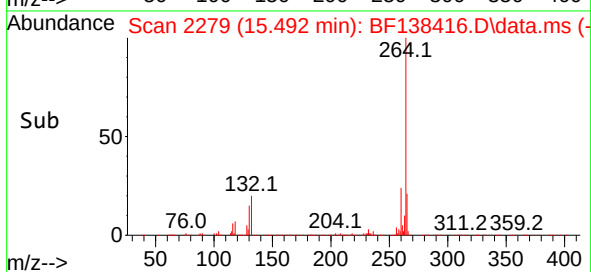
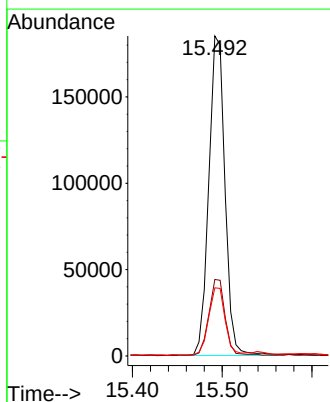
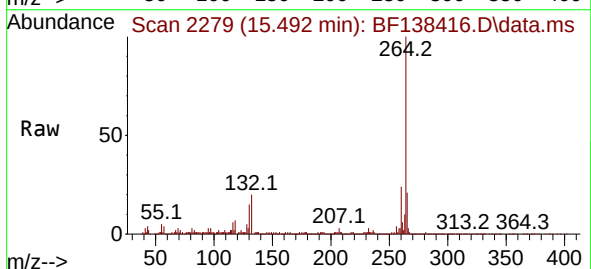
Manual Integrations
APPROVED

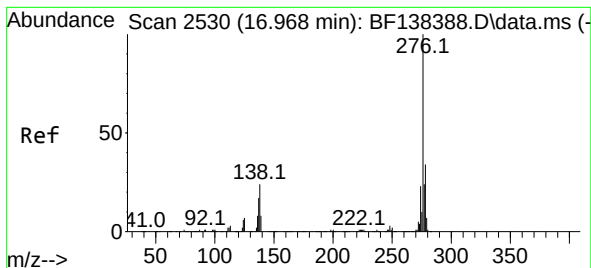
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Tgt Ion:264 Resp: 232217
Ion Ratio Lower Upper
264 100
260 23.9 17.8 26.6
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.010 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138416.D

Acq: 01 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

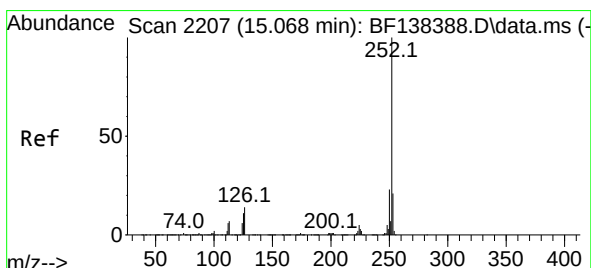
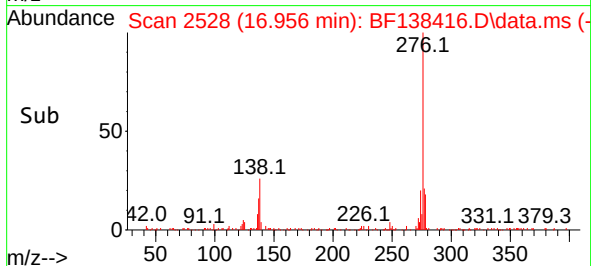
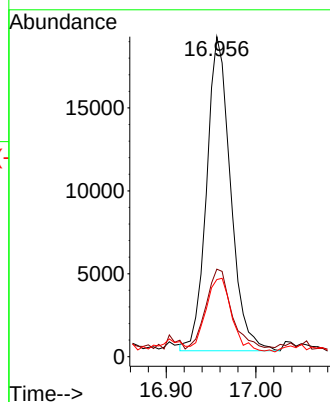
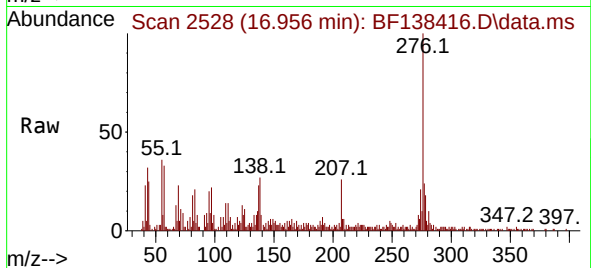
OSTL-D3RE

Tgt Ion:	276	Resp:	35120
Ion Ratio	Lower	Upper	
276	100		
138	27.0	22.1	33.1
277	24.5	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#88

Benzo(b)fluoranthene

Concen: 6.606 ng m

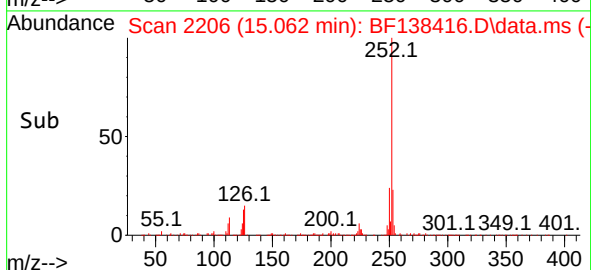
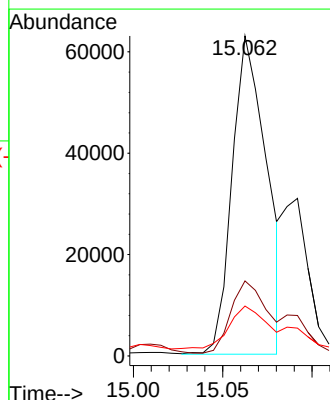
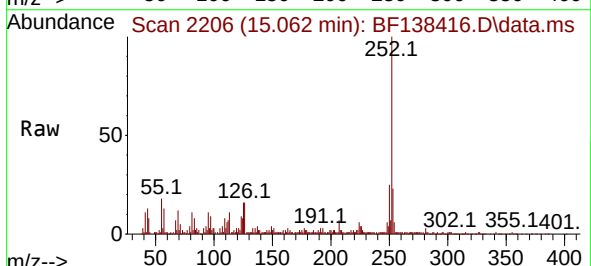
RT: 15.062 min Scan# 2206

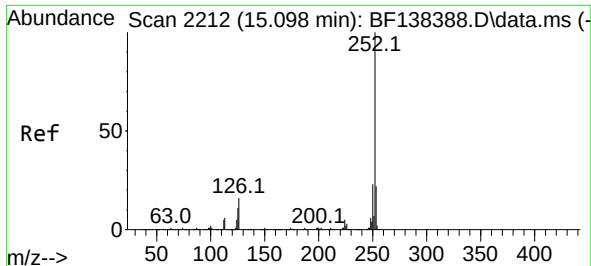
Delta R.T. -0.006 min

Lab File: BF138416.D

Acq: 01 Jul 2024 21:34

Tgt Ion:	252	Resp:	84162
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.4
125	15.6	8.6	12.8





#89
Benzo(k)fluoranthene
Concen: 2.527 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

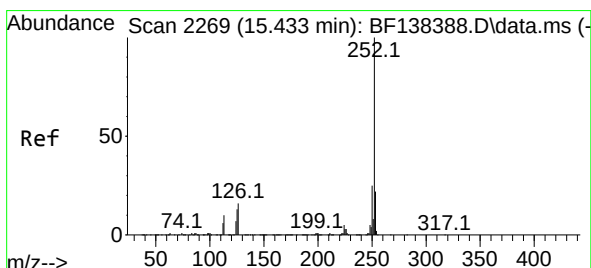
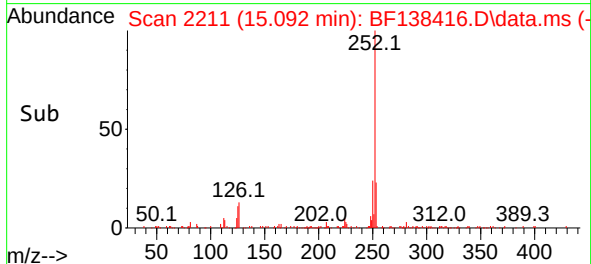
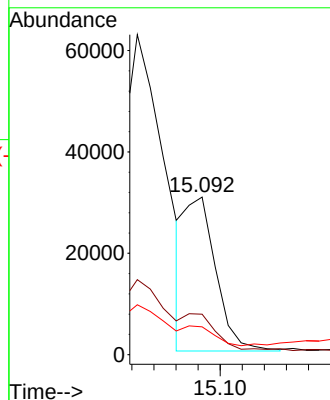
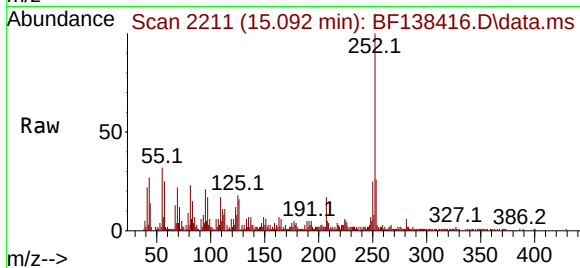
OSTL-D3RE

Tgt Ion:252 Resp: 2965
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.2
125 17.7 8.7 13.1

Manual Integrations

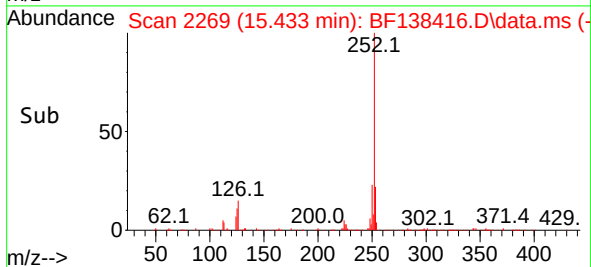
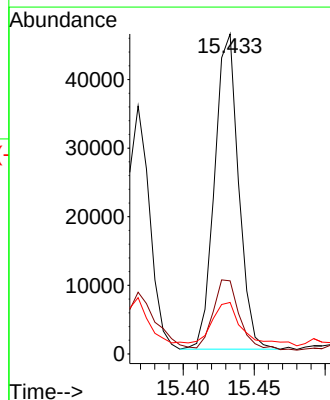
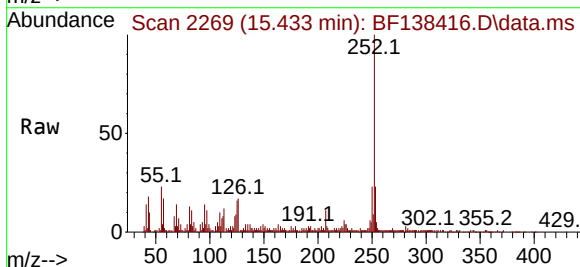
APPROVED

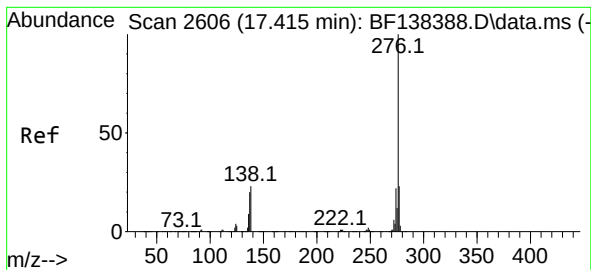
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#90
Benzo(a)pyrene
Concen: 4.835 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

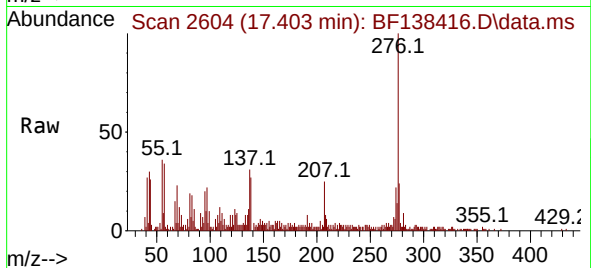
Tgt Ion:252 Resp: 53991
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 16.1 10.2 15.2





#92
Benzo(g,h,i)perylene
Concen: 3.780 ng
RT: 17.403 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138416.D
Acq: 01 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
OSTL-D3RE



Tgt Ion: 276 Resp: 3482
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 27.1 18.3 27.5

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 07/02/2024
Supervised By : mohammad ahmed 07/03/2024

