

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135144.D
 Acq On : 07 Sep 2023 20:46
 Operator : CG\JU
 Sample : 04256-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8R-4R-9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	99904	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	402503	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	187776	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	279300	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	179528	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	184199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	599321	92.661	ng	0.00
7) Phenol-d6	6.416	99	729979	90.548	ng	0.00
23) Nitrobenzene-d5	7.334	82	451819	63.064	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	161661	81.159	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	757922	65.715	ng	-0.01
79) Terphenyl-d14	12.898	244	533364	48.482	ng	0.00
Target Compounds						
75) Fluoranthene	12.516	202	36942	2.536	ng	Qvalue 97

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

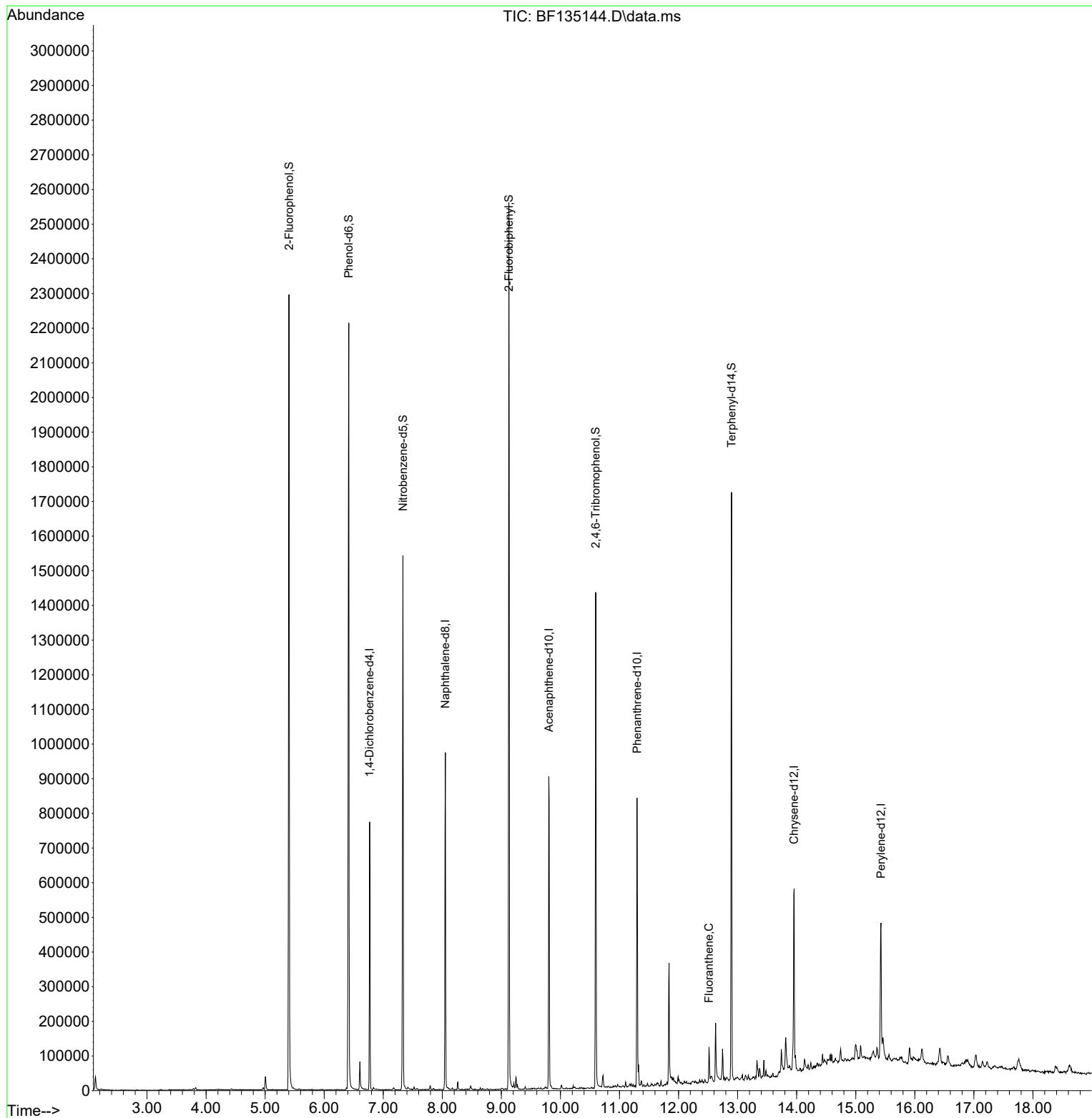
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135144.D
Acq On : 07 Sep 2023 20:46
Operator : CG\JU
Sample : 04256-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

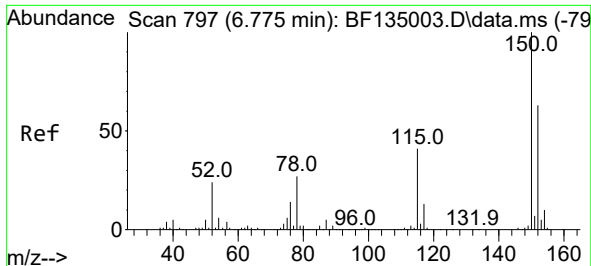
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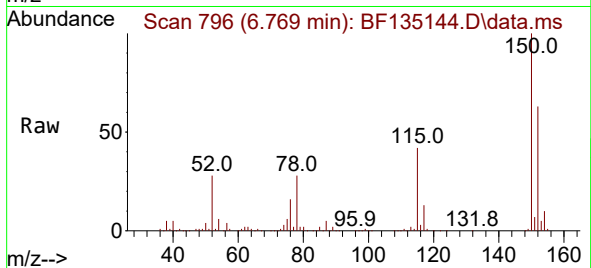
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

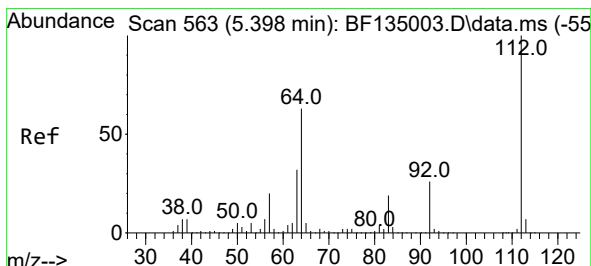
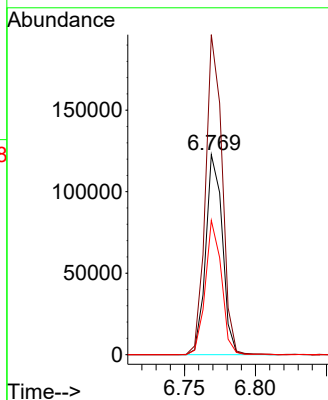
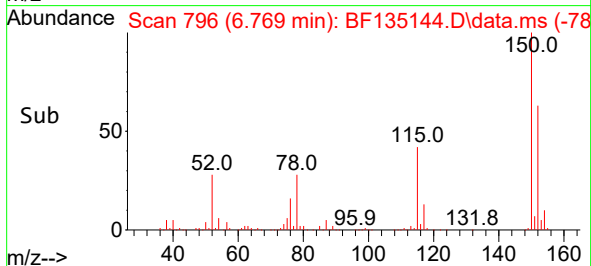
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9



Tgt Ion:152 Resp: 99904
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 67.2 51.2 76.8

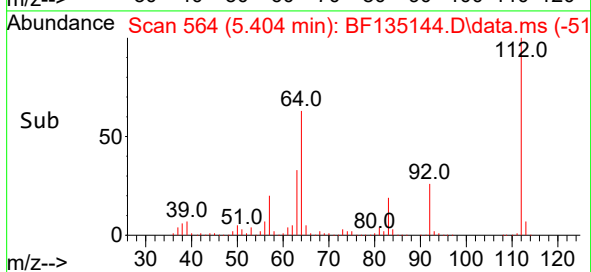
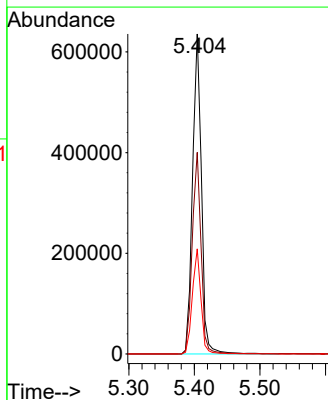
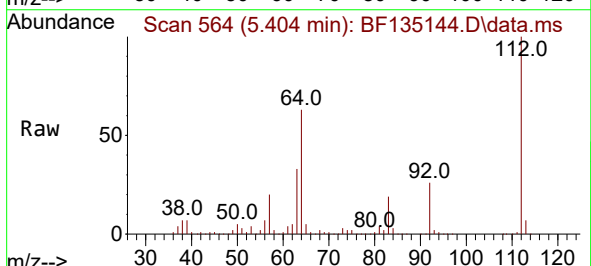
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#5
2-Fluorophenol
Concen: 92.661 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

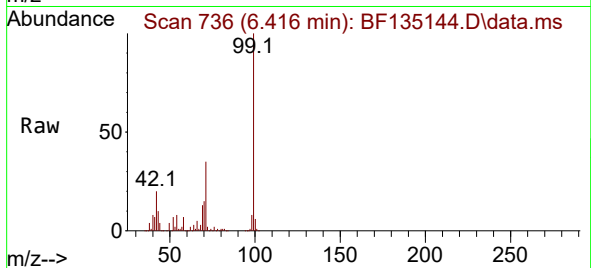
Tgt Ion:112 Resp: 599321
Ion Ratio Lower Upper
112 100
64 63.0 50.5 75.7
63 32.9 25.9 38.9





#7
Phenol-d6
Concen: 90.548 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

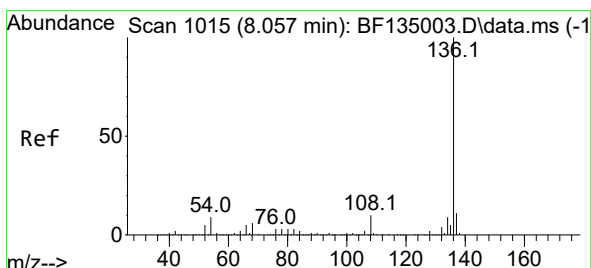
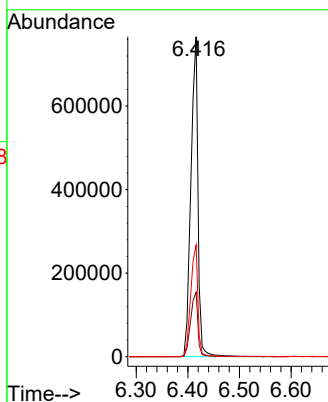
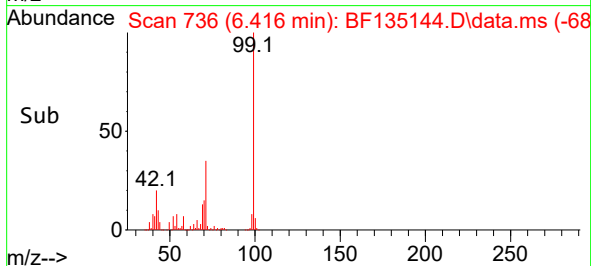
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9



Tgt Ion: 99 Resp: 729979
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 34.8 27.0 40.6

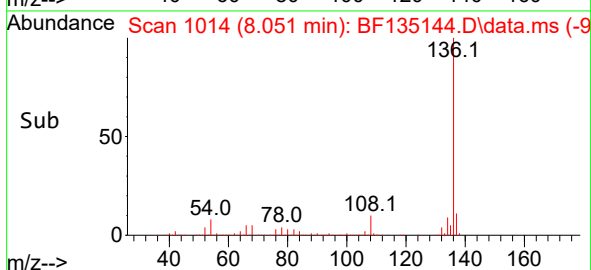
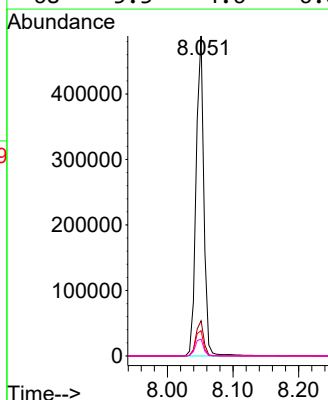
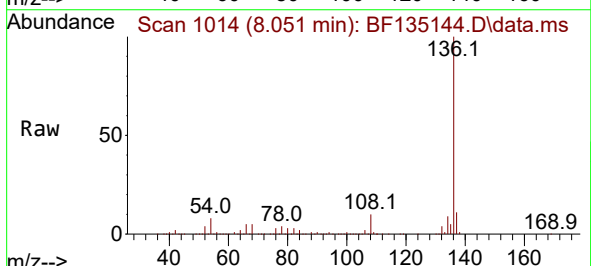
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

Tgt Ion:136 Resp: 402503
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 7.0 10.4
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.064 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135144.D

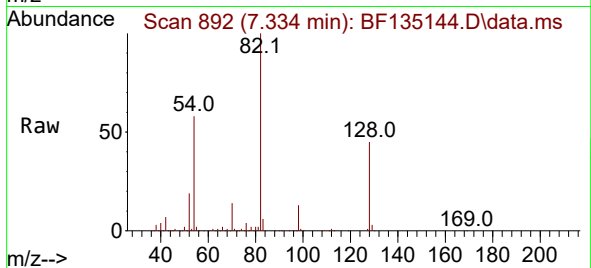
Acq: 07 Sep 2023 20:46

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9

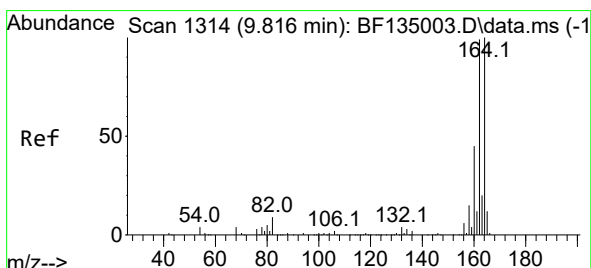
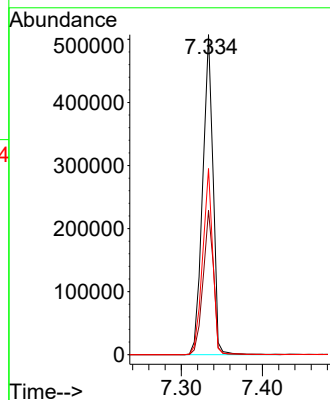
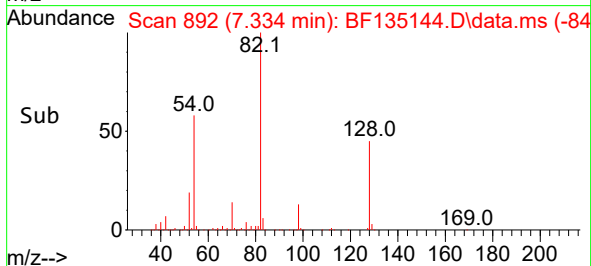


Tgt Ion: 82 Resp: 451819

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.8
54	58.1	45.0	67.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

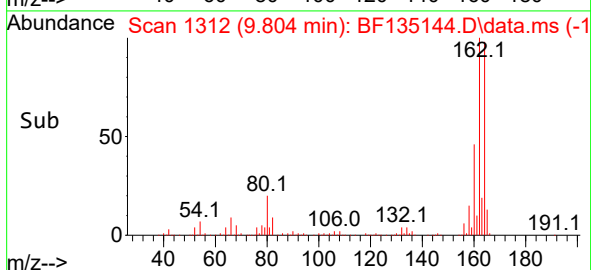
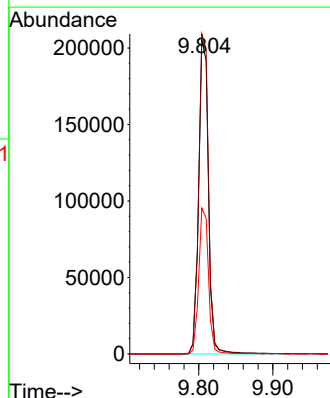
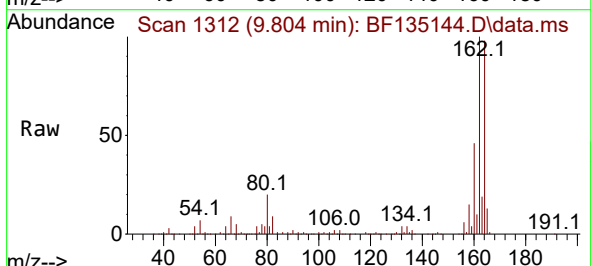
Delta R.T. -0.012 min

Lab File: BF135144.D

Acq: 07 Sep 2023 20:46

Tgt Ion:164 Resp: 187776

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.5	119.3
160	46.4	36.0	54.0





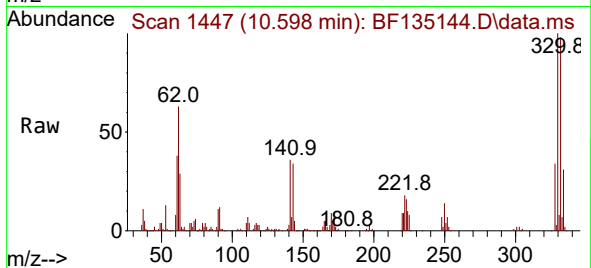
#42
2,4,6-Tribromophenol
Concen: 81.159 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9



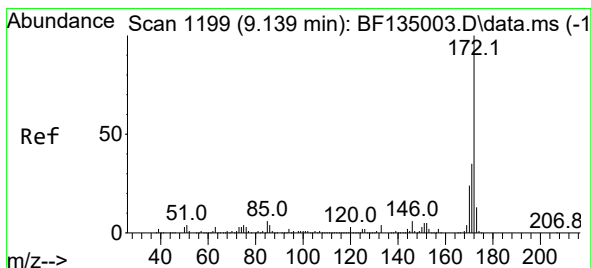
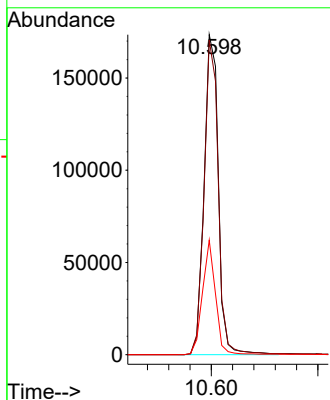
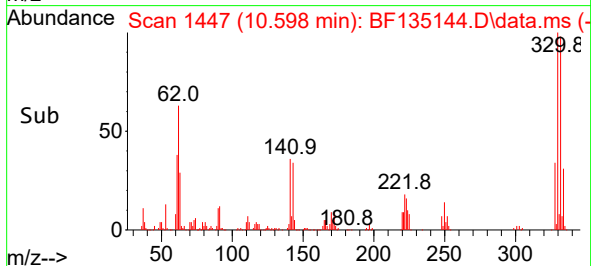
Tgt Ion:330 Resp: 161663
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 32.9 26.3 39.5

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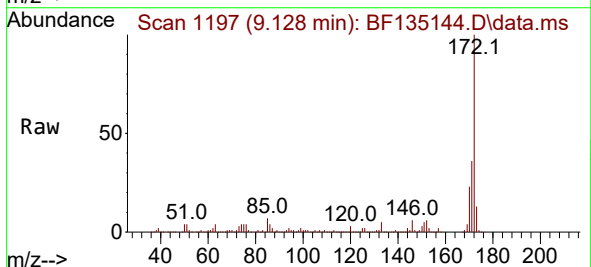
APPROVED

Reviewed By :Yogesh Patel 09/08/2023

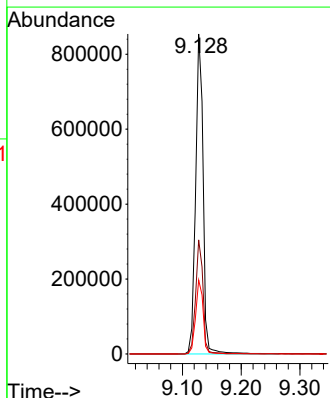
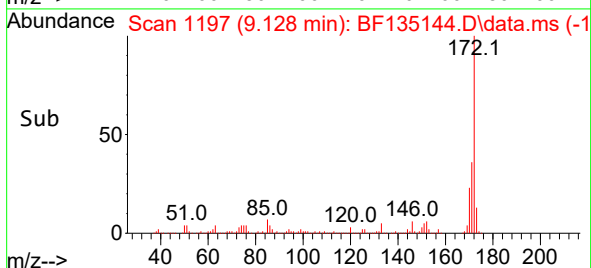
Supervised By :mohammad ahmed 09/09/2023

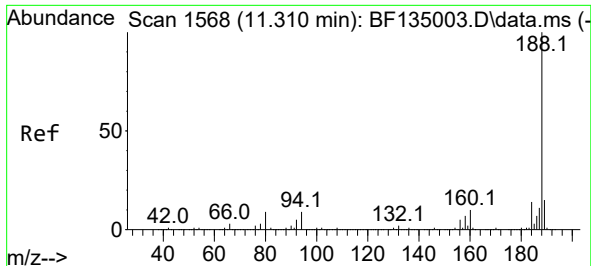


#45
2-Fluorobiphenyl
Concen: 65.715 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46



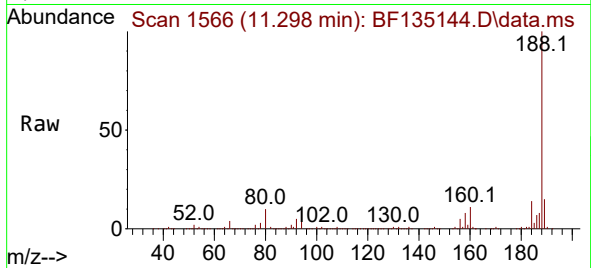
Tgt Ion:172 Resp: 757922
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.1 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

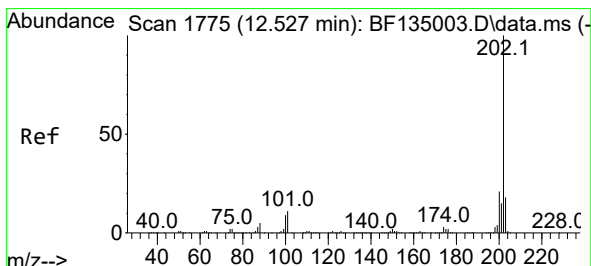
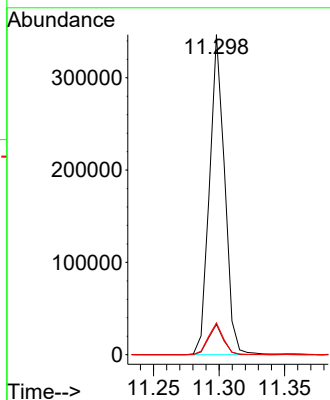
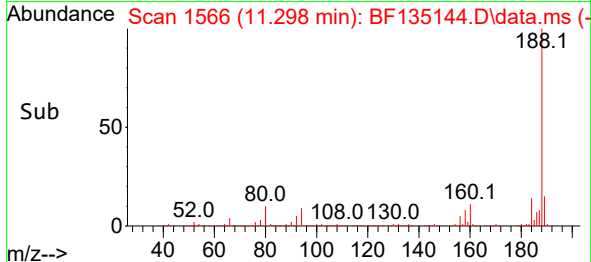
Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9



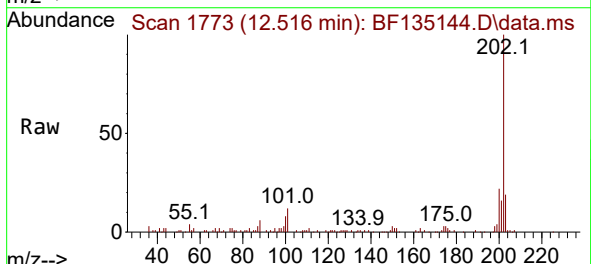
Tgt Ion:188 Resp: 279300
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 9.9 7.4 11.2

Manual Integrations
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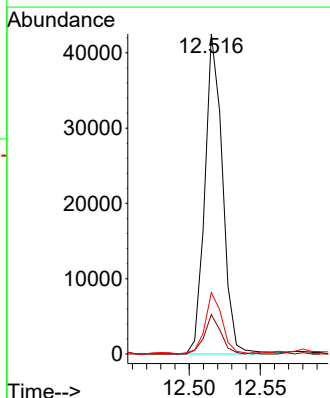
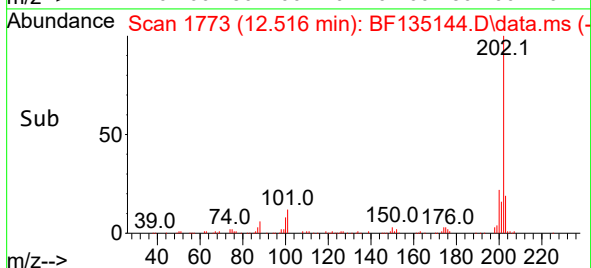
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

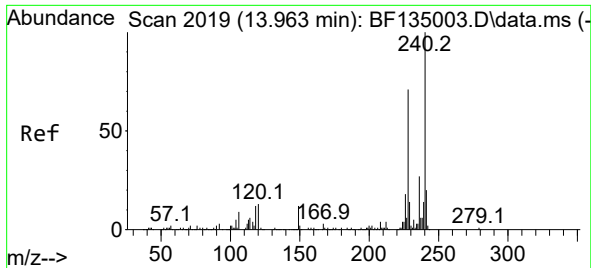


#75
Fluoranthene
Concen: 2.536 ng
RT: 12.516 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46



Tgt Ion:202 Resp: 36942
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.5
203 19.1 0.0 37.8





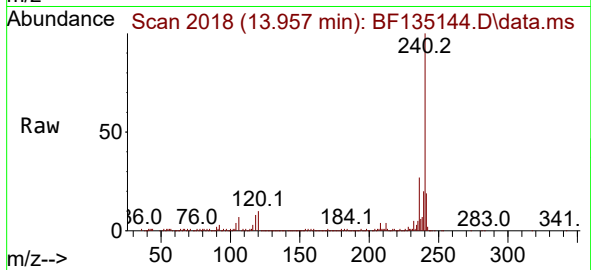
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

Instrument :

BNA_F

ClientSampleId :

MW-8R-4R-9



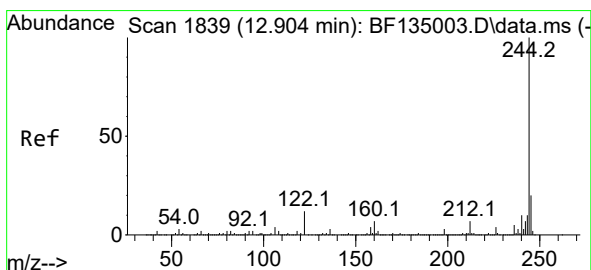
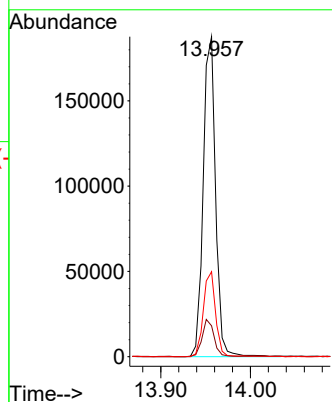
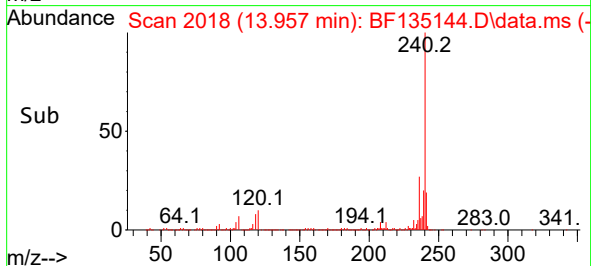
Tgt Ion:240 Resp: 179528
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.2
236 26.5 21.3 31.9

Manual Integrations

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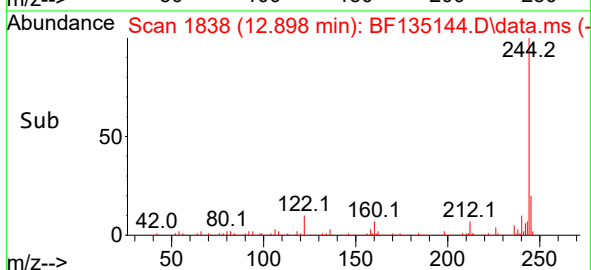
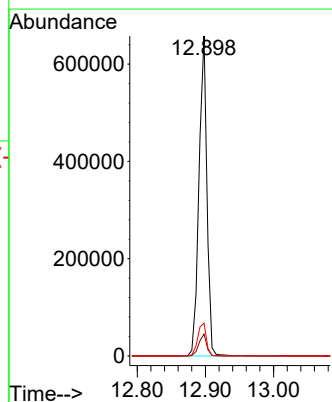
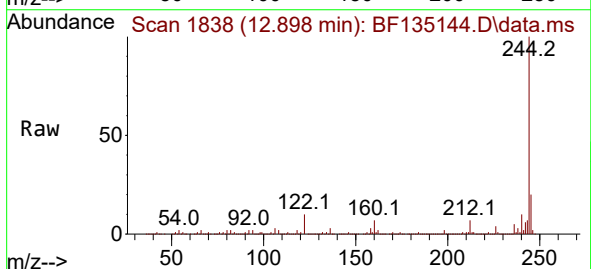
Reviewed By :Yogesh Patel 09/08/2023

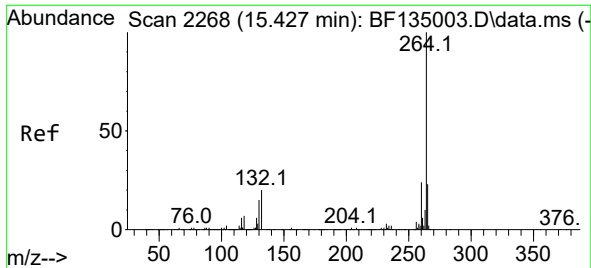
Supervised By :mohammad ahmed 09/09/2023



#79
Terphenyl-d14
Concen: 48.482 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

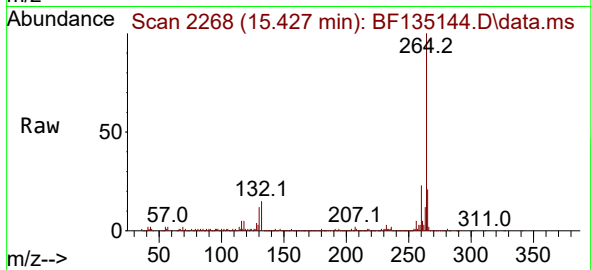
Tgt Ion:244 Resp: 533364
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.2 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135144.D
Acq: 07 Sep 2023 20:46

Instrument :
BNA_F
ClientSampleId :
MW-8R-4R-9



Tgt Ion:264 Resp: 184199
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.0 18.2 27.2

Manual Integrations
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