

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134296.D
 Acq On : 14 Jul 2023 18:27
 Operator : CG\JU
 Sample : 03608-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 73742

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 14 18:52:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 17:58:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	68019	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	248026	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	106756	20.000	ng	0.01
64) Phenanthrene-d10	11.428	188	128229m	20.000	ng	0.05
76) Chrysene-d12	14.057	240	149343	20.000	ng	# 0.02
86) Perylene-d12	15.545	264	158073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	61841	15.208	ng	0.00
7) Phenol-d6	6.475	99	73094	14.617	ng	-0.01
23) Nitrobenzene-d5	7.398	82	47540	10.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	19973	14.922	ng	0.03
45) 2-Fluorobiphenyl	9.198	172	93578	12.744	ng	0.00
79) Terphenyl-d14	13.010	244	80475	8.673	ng	0.04
Target Compounds						
71) Phenanthrene	11.457	178	181863m	28.173	ng	Qvalue

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

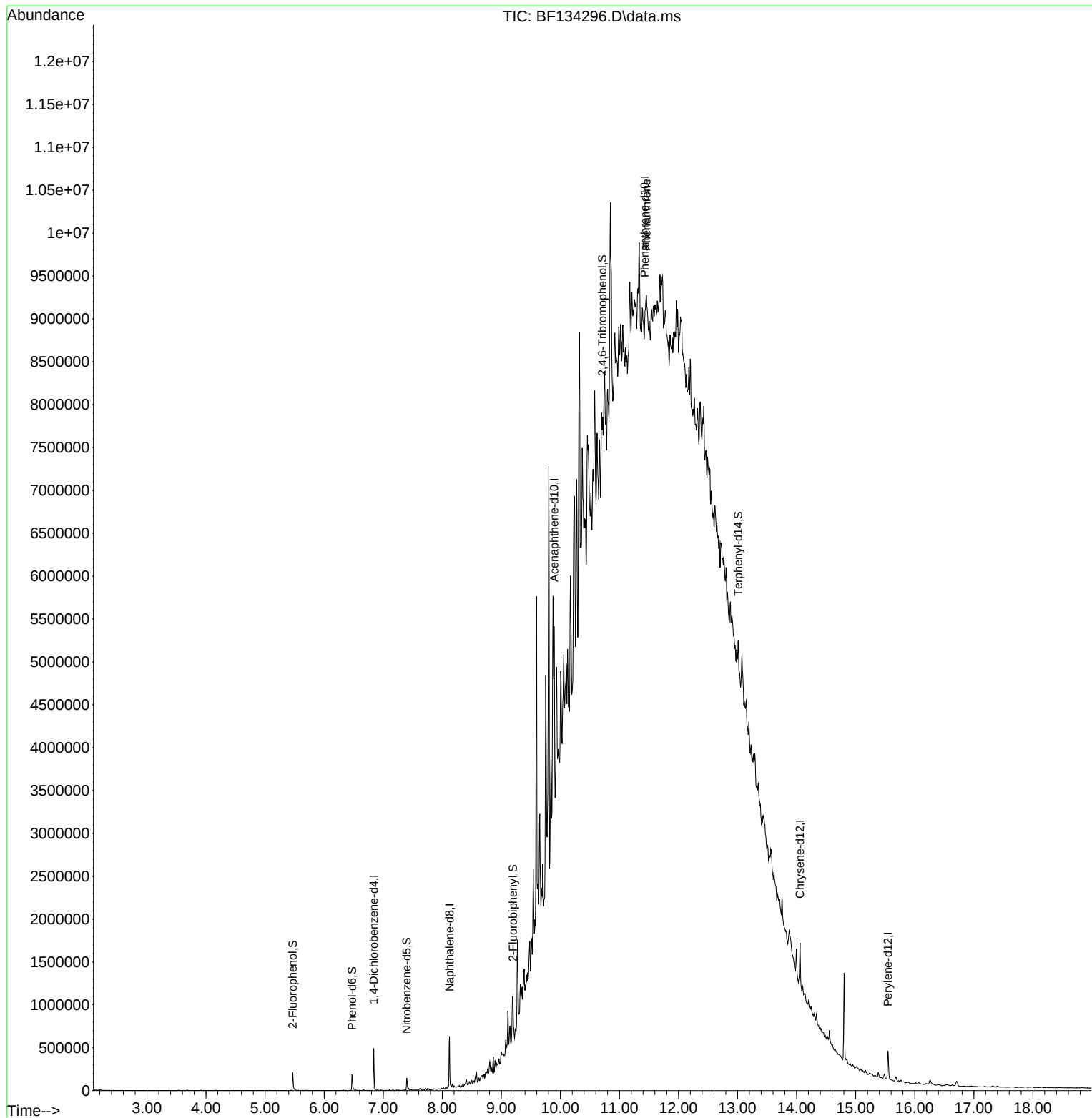
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134296.D
Acq On : 14 Jul 2023 18:27
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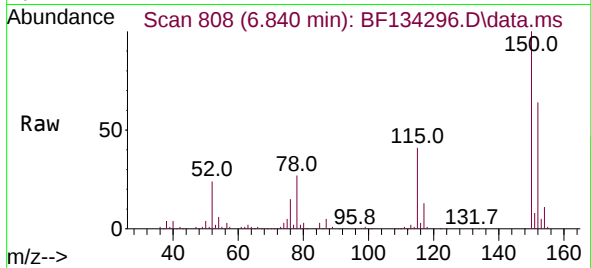
Quant Time: Jul 14 18:52:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 17:58:58 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

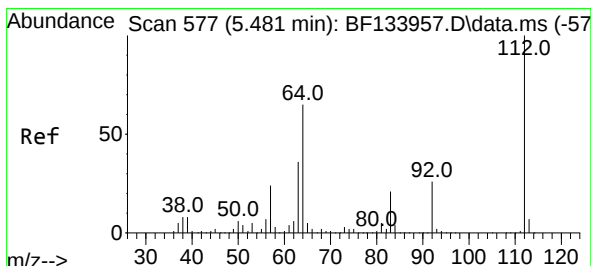
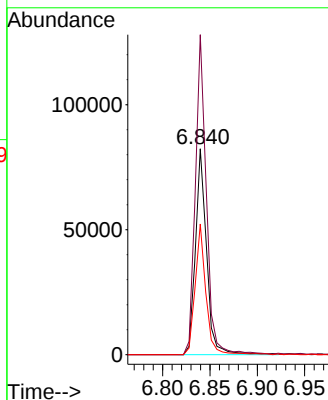
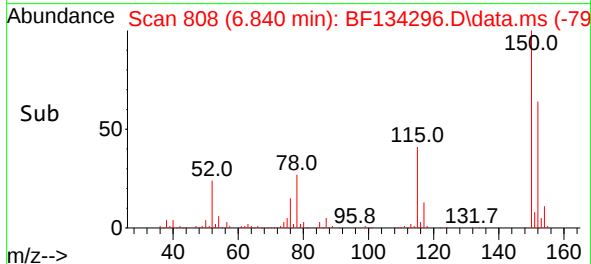
Instrument :
BNA_F
ClientSampleId :
73742



Tgt Ion:152 Resp: 68019
Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 63.5 50.2 75.2

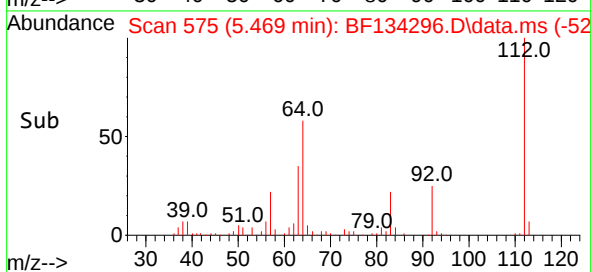
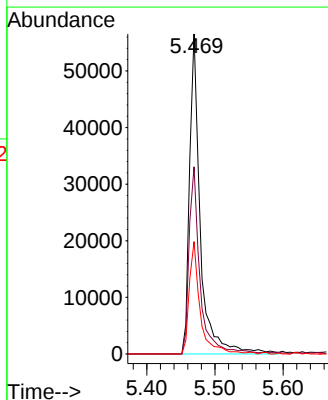
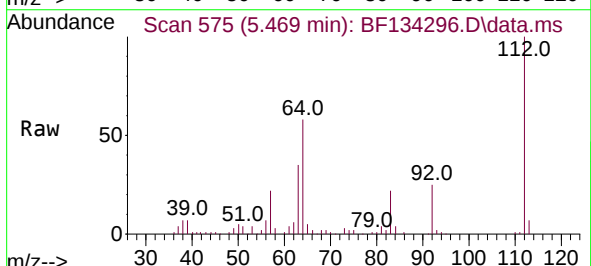
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#5
2-Fluorophenol
Concen: 15.208 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

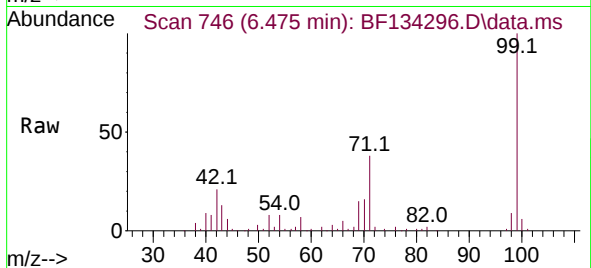
Tgt Ion:112 Resp: 61841
Ion Ratio Lower Upper
112 100
64 58.5 52.1 78.1
63 35.1 28.6 42.8





#7
Phenol-d6
Concen: 14.617 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

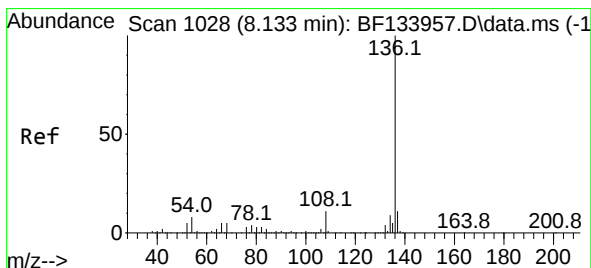
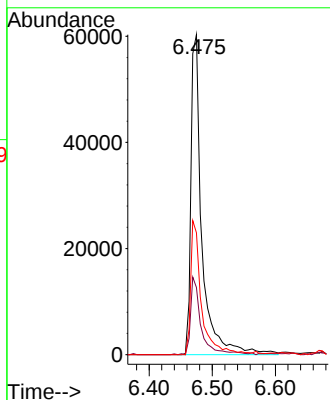
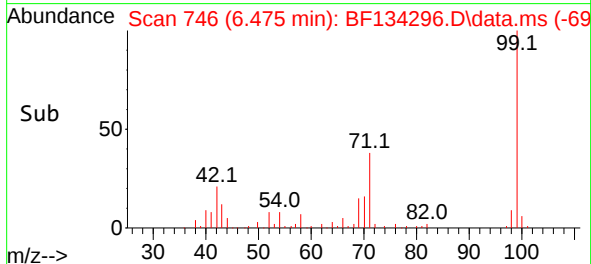
Instrument :
BNA_F
ClientSampleId :
73742



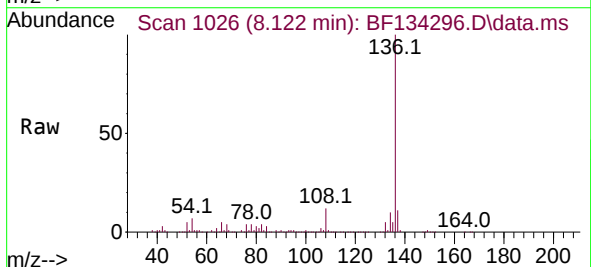
Tgt Ion: 99 Resp: 73094
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.6
71 38.1 31.9 47.9

Manual Integrations
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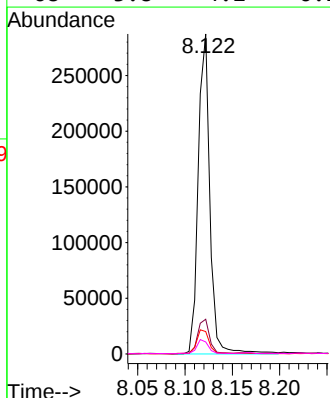
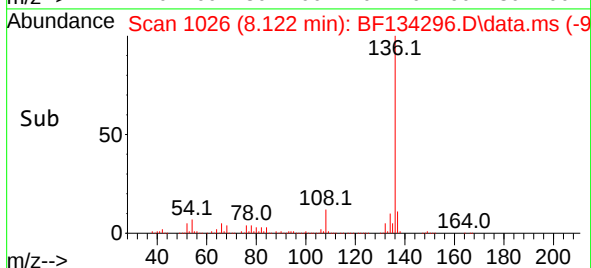
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

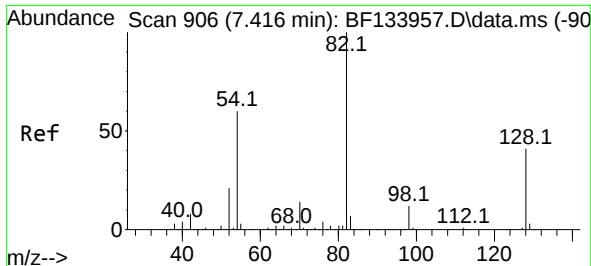


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27



Tgt Ion:136 Resp: 248026
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 6.5 9.7
68 3.8 4.2 6.2#





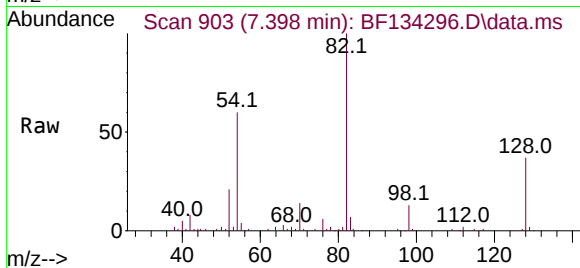
#23
Nitrobenzene-d5
Concen: 10.332 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

Instrument :

BNA_F

ClientSampleId :

73742

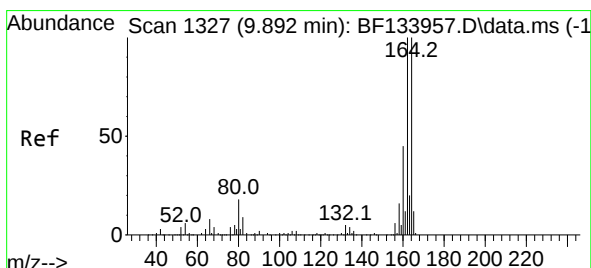
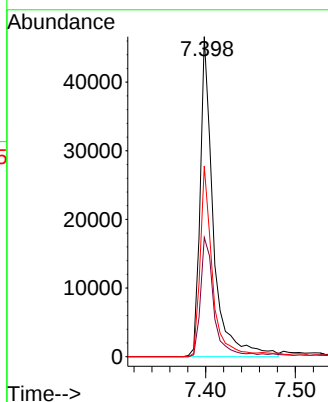
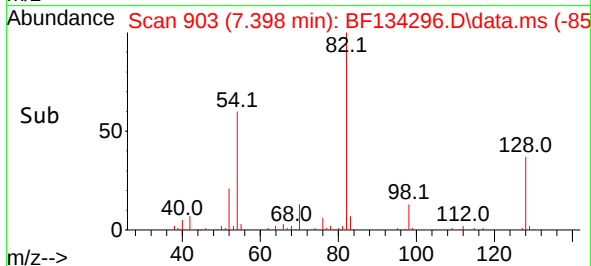


Tgt Ion: 82 Resp: 47540
Ion Ratio Lower Upper
82 100
128 37.3 32.5 48.7
54 59.6 48.2 72.2

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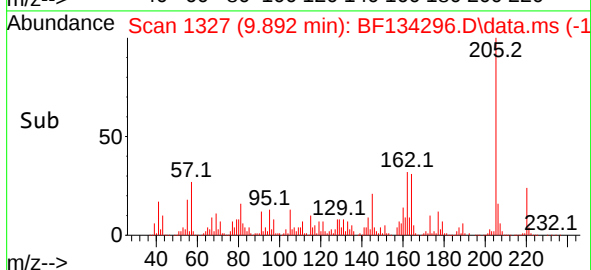
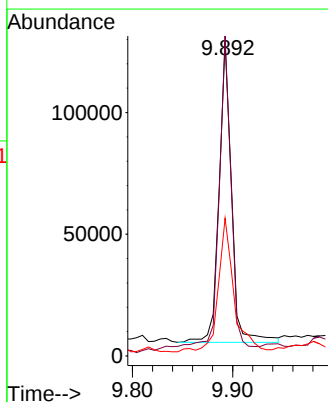
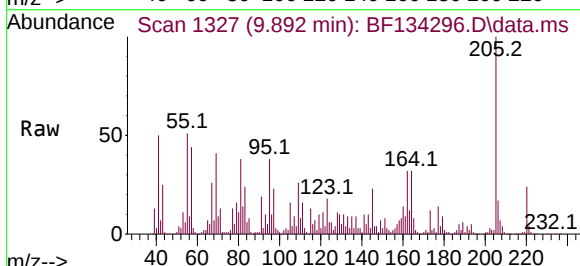
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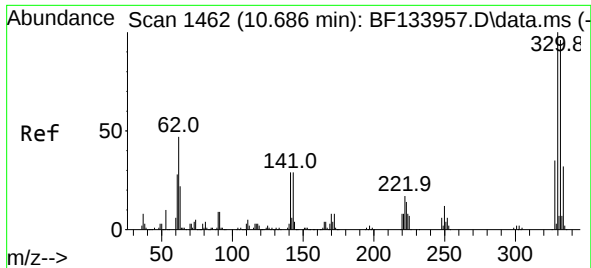
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

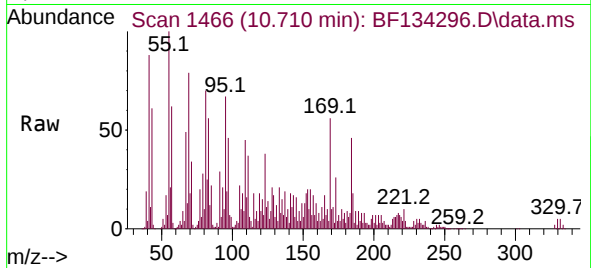
Tgt Ion:164 Resp: 106756
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 43.9 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 14.922 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.030 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

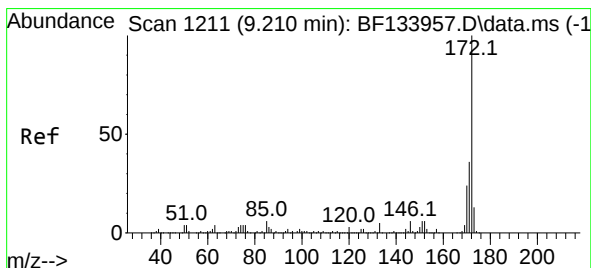
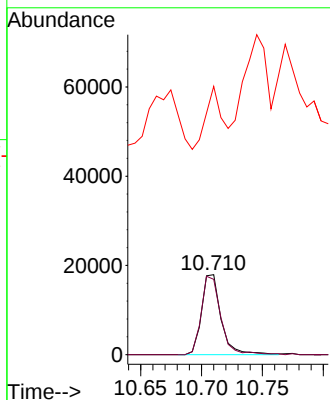
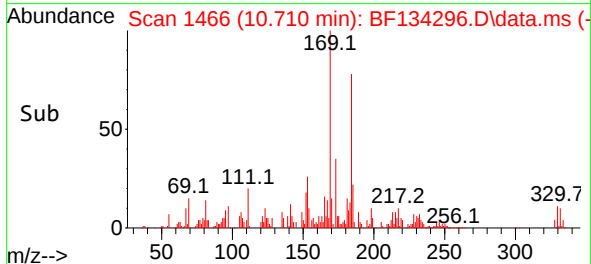
Instrument :
BNA_F
ClientSampleId :
73742



Tgt Ion: 330 Resp: 1997
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 63.9 26.3 39.5

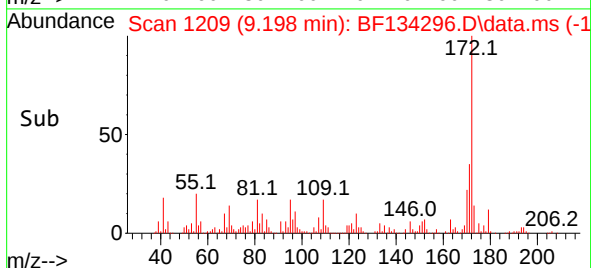
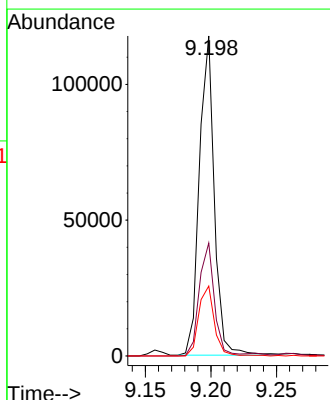
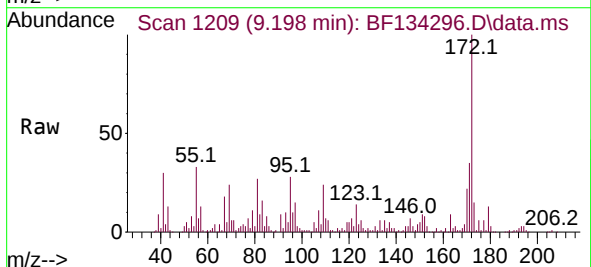
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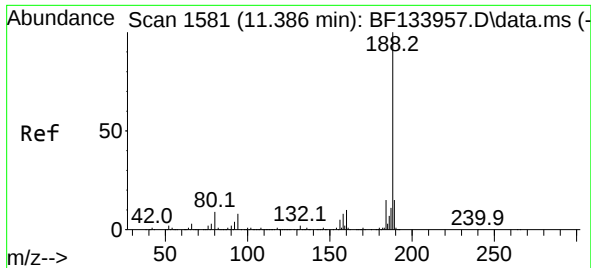
Reviewed By : Jagrut Upadhyay 07/15/2023
Supervised By : mohammad ahmed 07/19/2023



#45
2-Fluorobiphenyl
Concen: 12.744 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

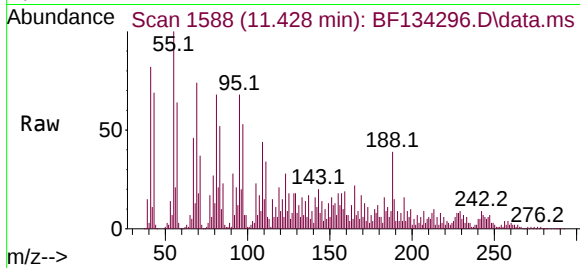
Tgt Ion: 172 Resp: 93578
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 21.9 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.428 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

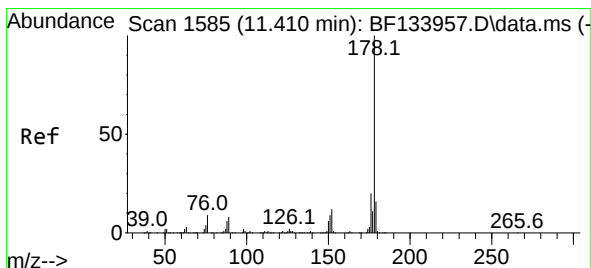
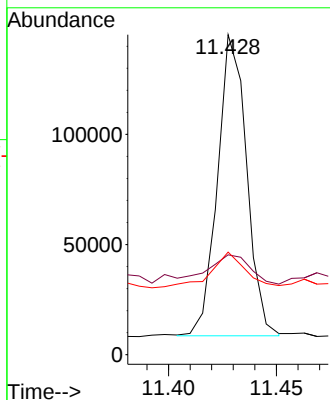
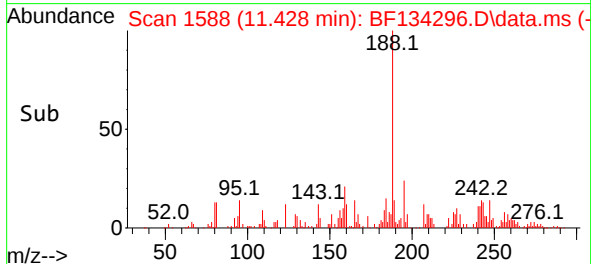
Instrument :
BNA_F
ClientSampleId :
73742



Tgt Ion:188 Resp: 128229
Ion Ratio Lower Upper
188 100
94 31.2 6.4 9.6
80 32.0 7.3 10.9

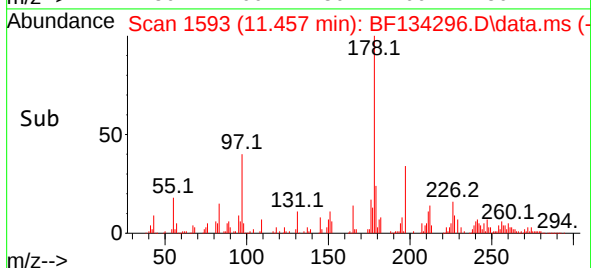
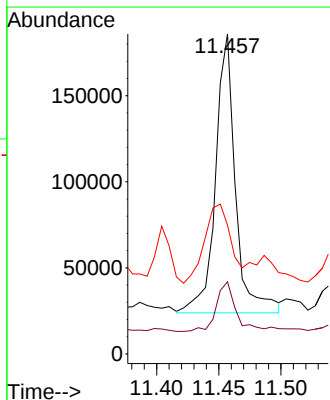
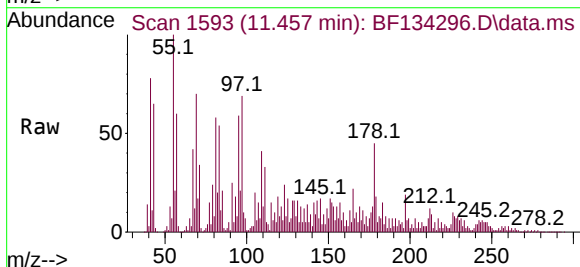
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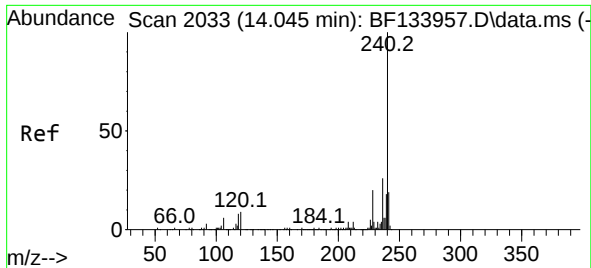
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#71
Phenanthrene
Concen: 28.173 ng m
RT: 11.457 min Scan# 1593
Delta R.T. 0.053 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

Tgt Ion:178 Resp: 181863
Ion Ratio Lower Upper
178 100
176 22.6 16.0 24.0
179 40.3 12.4 18.6





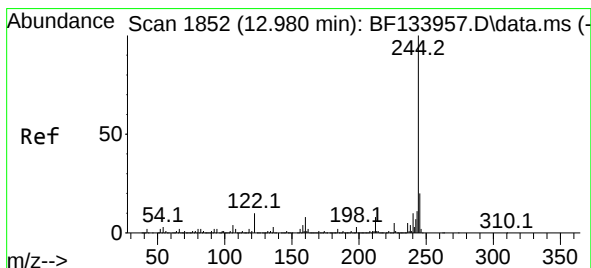
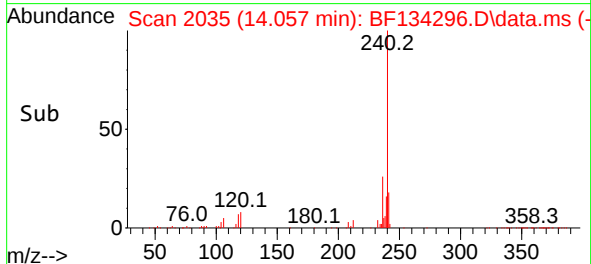
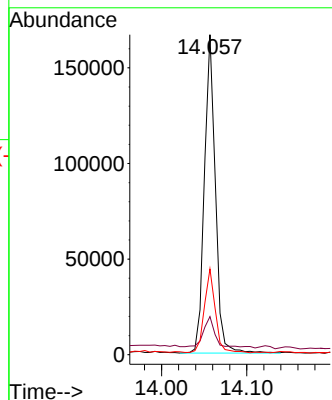
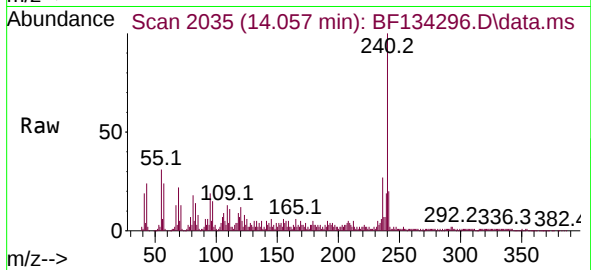
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2033
Delta R.T. 0.018 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

Instrument :
BNA_F
ClientSampleId :
73742

Tgt Ion:240 Resp: 14934
Ion Ratio Lower Upper
240 100
120 11.9 7.4 11.0#
236 26.8 21.0 31.6

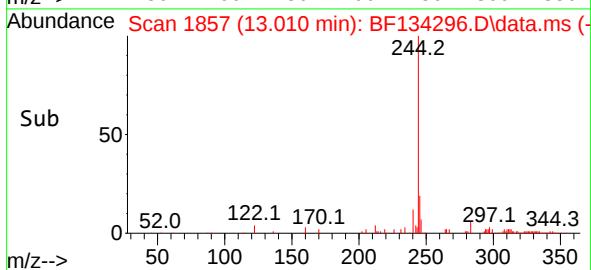
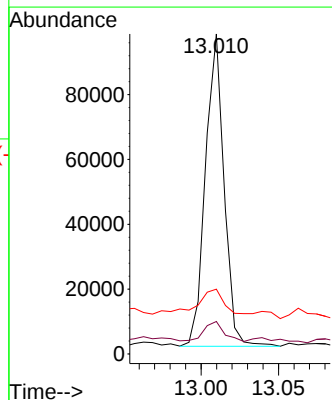
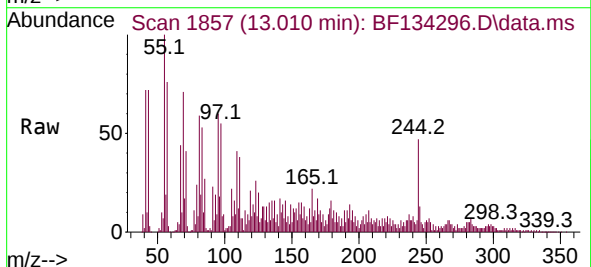
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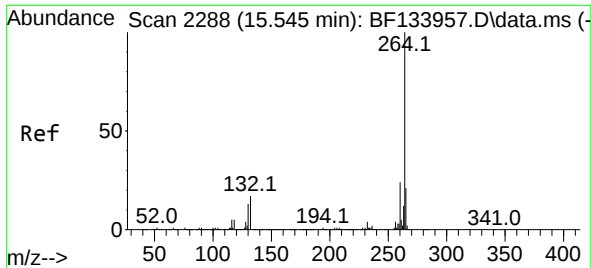
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#79
Terphenyl-d14
Concen: 8.673 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.036 min
Lab File: BF134296.D
Acq: 14 Jul 2023 18:27

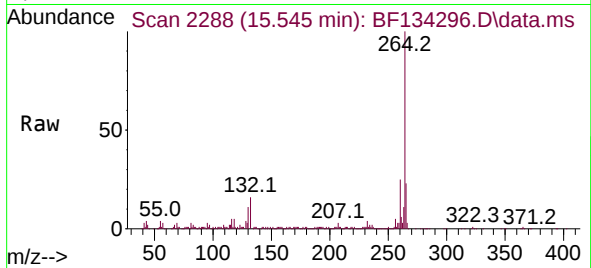
Tgt Ion:244 Resp: 80475
Ion Ratio Lower Upper
244 100
212 10.1 6.0 9.0#
122 20.2 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF134296.D
 Acq: 14 Jul 2023 18:27

Instrument :
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 73742



Tgt Ion:264 Resp: 15807
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 22.8 16.6 25.0

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