

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134723.D
 Acq On : 11 Aug 2023 09:52
 Operator : CG\JU
 Sample : 03954-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 22:19:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	173735	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	672850	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	308042	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	484957	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	338861	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	283892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	960076	84.002	ng	0.00
7) Phenol-d6	6.439	99	1209212	82.766	ng	0.00
23) Nitrobenzene-d5	7.363	82	727789	67.595	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	271354	86.413	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1303486	70.357	ng	0.00
79) Terphenyl-d14	12.915	244	1169798	60.857	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	73044	2.685	ng	98
78) Pyrene	12.762	202	64159	2.188	ng	96
88) Benzo(b)fluoranthene	15.009	252	46039m	2.659	ng	

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

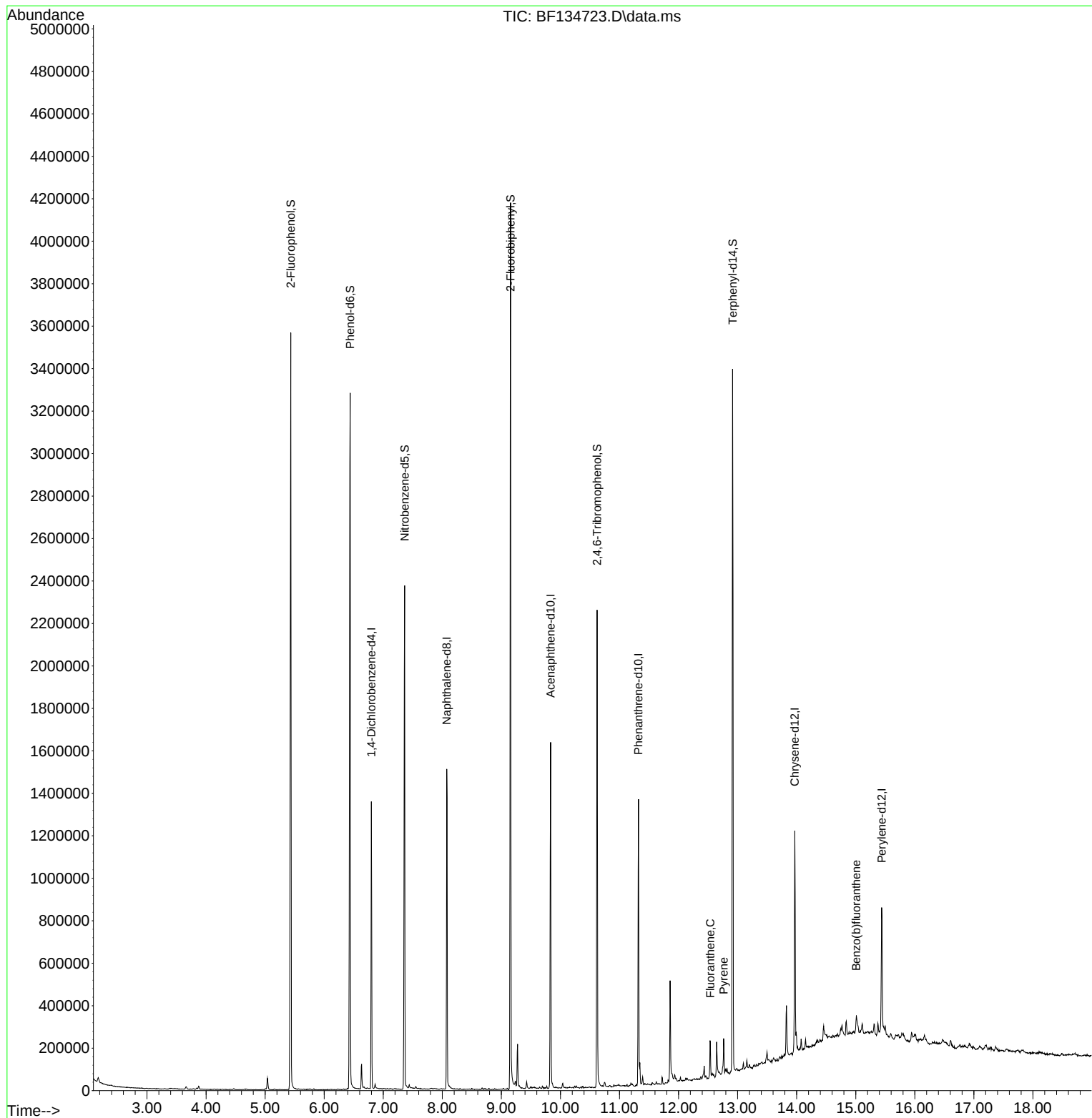
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134723.D
Acq On : 11 Aug 2023 09:52
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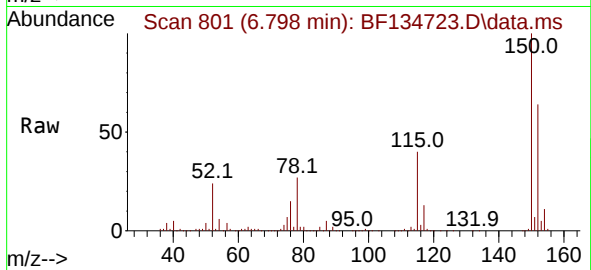
Quant Time: Aug 11 22:19:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

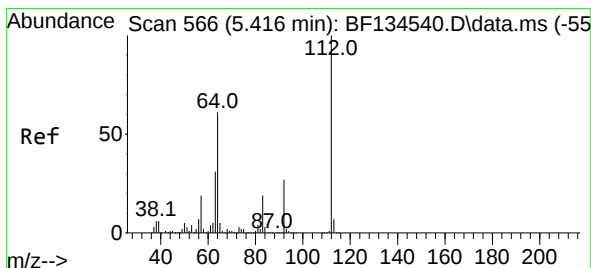
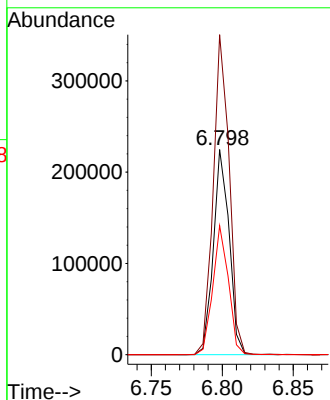
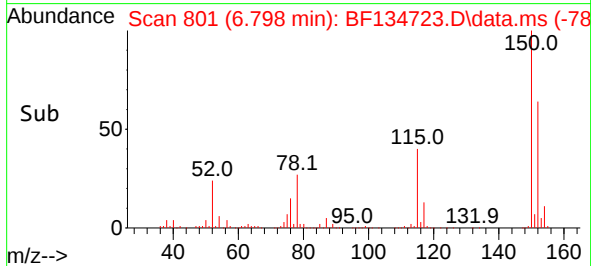
Instrument :
BNA_F
ClientSampleId :
WC-20



Tgt Ion:152 Resp: 173738
Ion Ratio Lower Upper
152 100
150 156.0 128.3 192.5
115 62.9 52.4 78.6

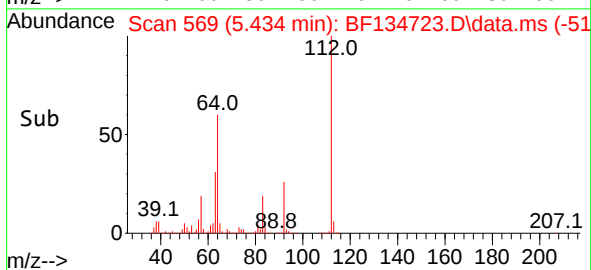
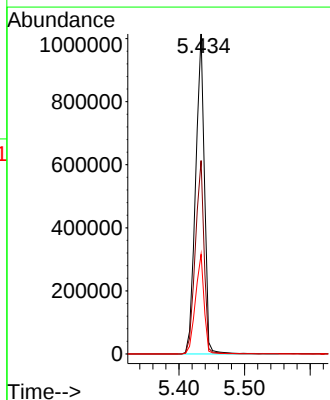
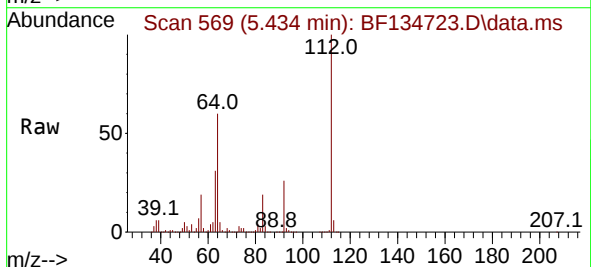
Manual Integrations
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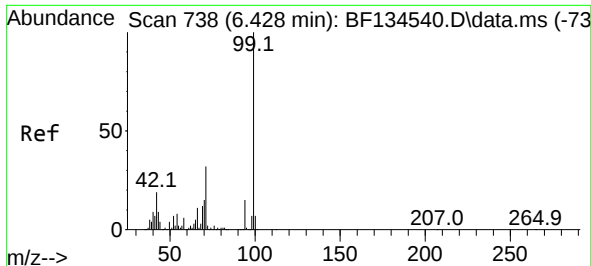
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#5
2-Fluorophenol
Concen: 84.002 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

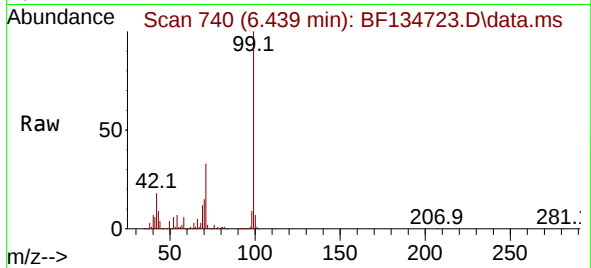
Tgt Ion:112 Resp: 960076
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 82.766 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

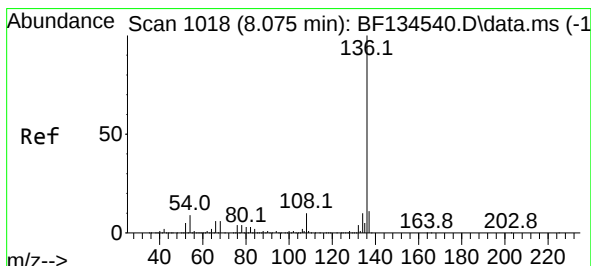
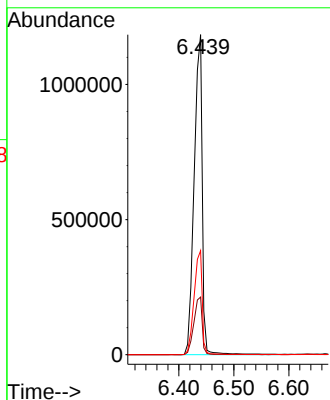
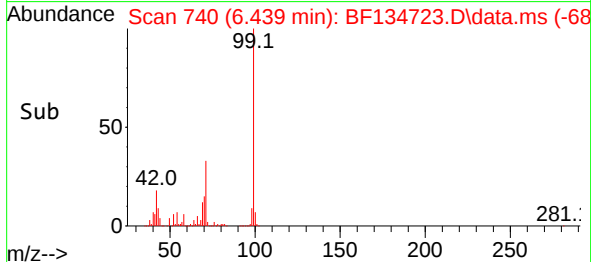
Instrument :
BNA_F
ClientSampleId :
WC-20



Tgt Ion: 99 Resp: 120921
Ion Ratio Lower Upper
99 100
42 18.0 18.7 28.1
71 32.5 36.4 54.6

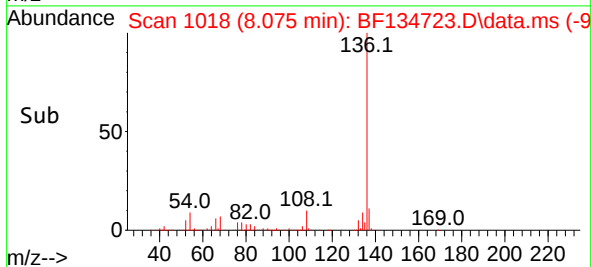
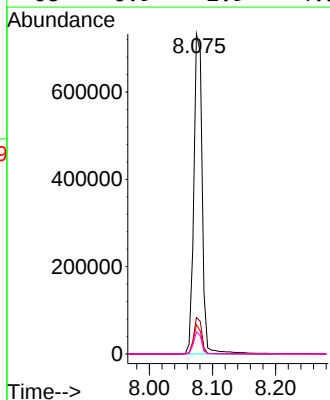
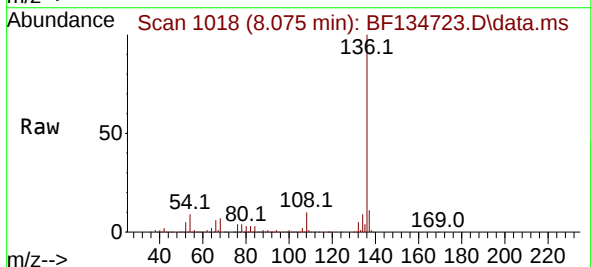
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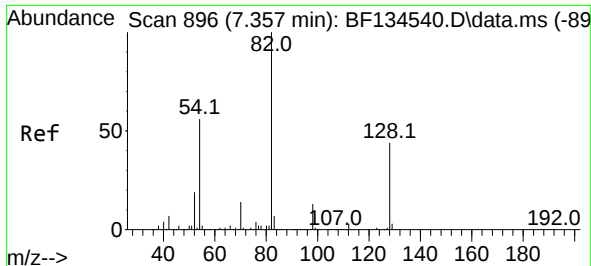
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

Tgt Ion:136 Resp: 672850
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.2 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 67.595 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134723.D

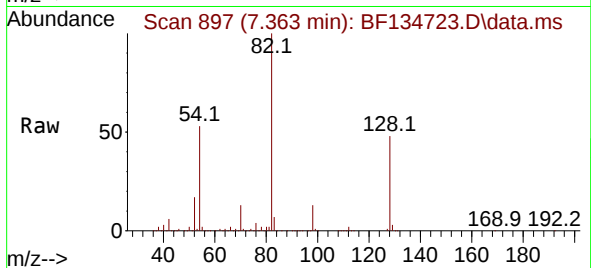
Acq: 11 Aug 2023 09:52

Instrument :

BNA_F

ClientSampleId :

WC-20



Tgt Ion: 82 Resp: 727789

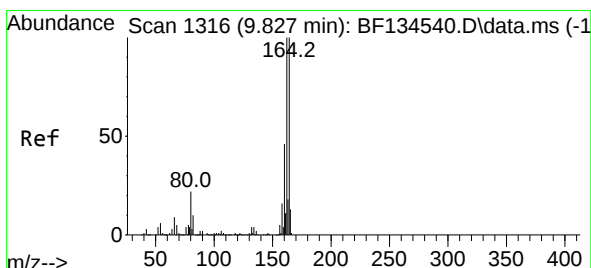
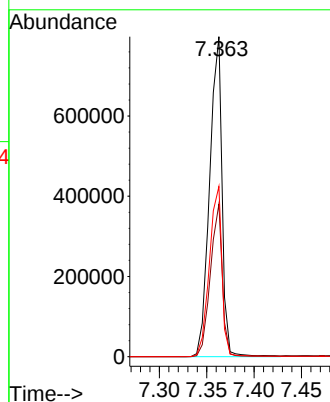
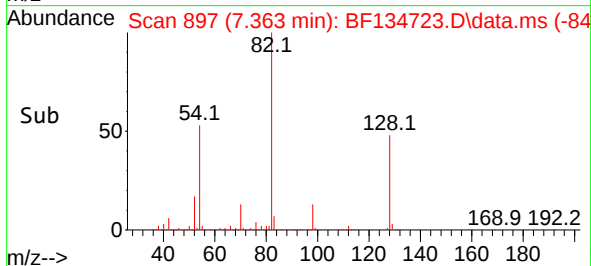
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.3	51.5
54	53.2	43.8	65.6

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Supervised By :mohammad ahmed 08/12/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

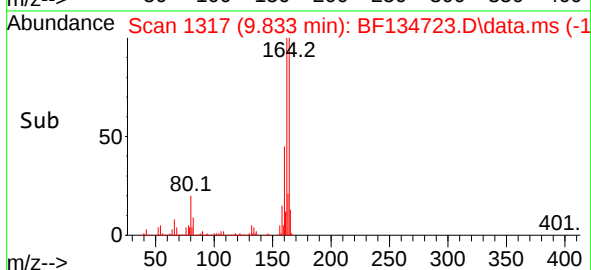
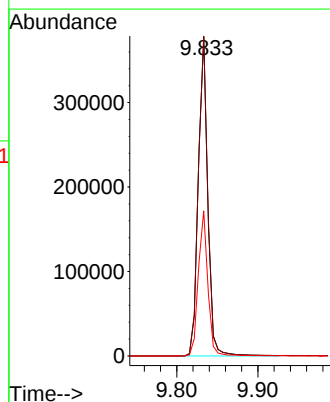
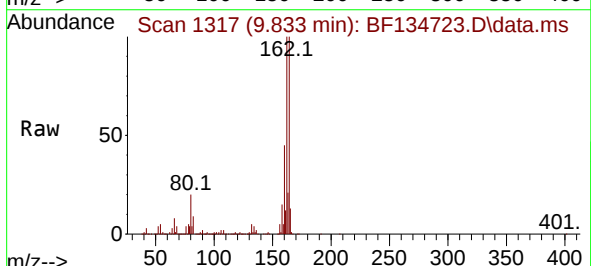
Delta R.T. -0.000 min

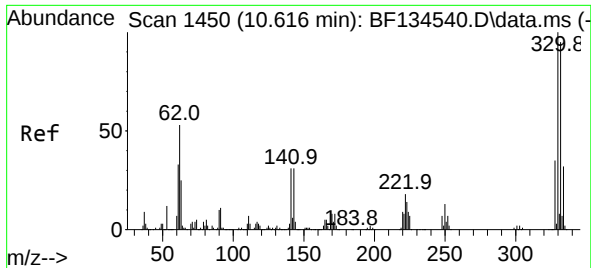
Lab File: BF134723.D

Acq: 11 Aug 2023 09:52

Tgt Ion:164 Resp: 308042

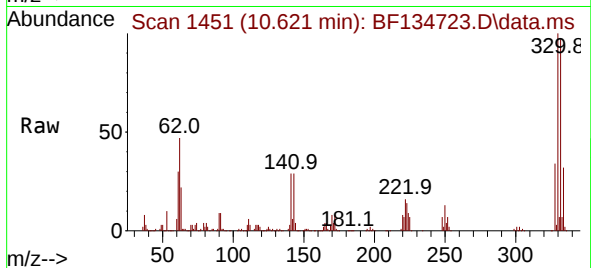
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	45.5	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 86.413 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

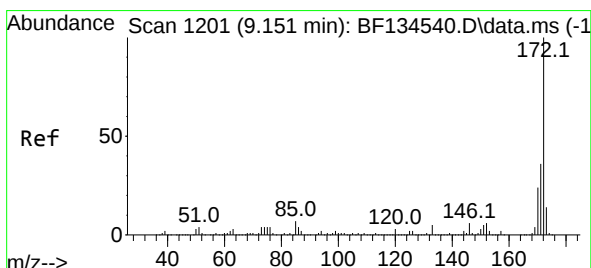
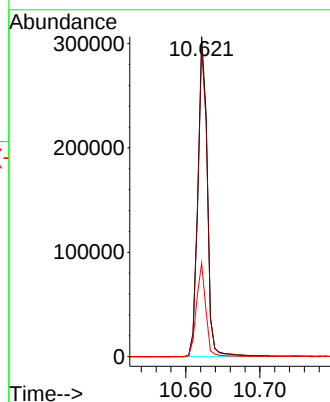
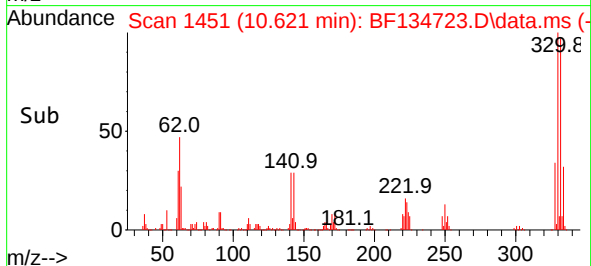
Instrument :
BNA_F
ClientSampleId :
WC-20



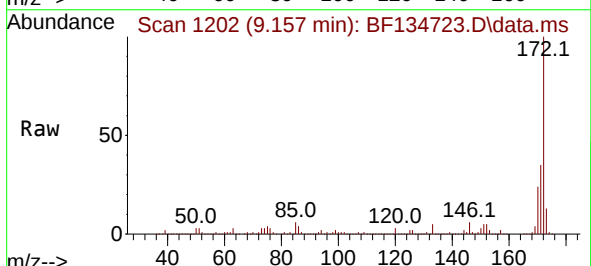
Tgt Ion: 330 Resp: 271354
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 29.0 25.4 38.2

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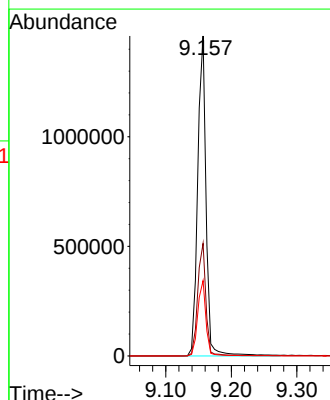
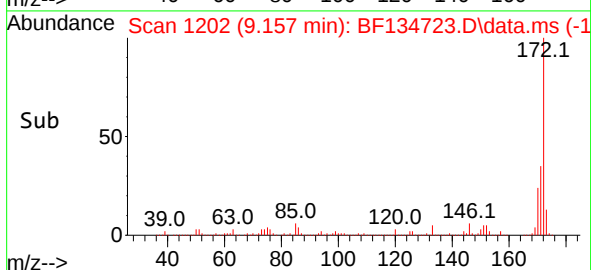
Reviewed By : Yogesh Patel 08/12/2023
Supervised By : mohammad ahmed 08/12/2023

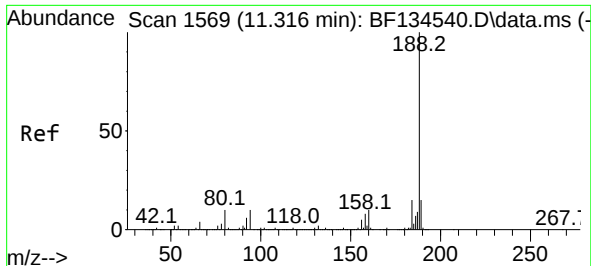


#45
2-Fluorobiphenyl
Concen: 70.357 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52



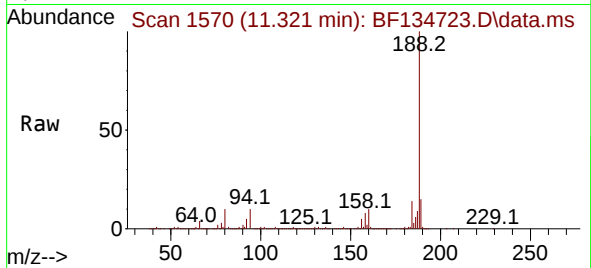
Tgt Ion: 172 Resp: 1303486
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

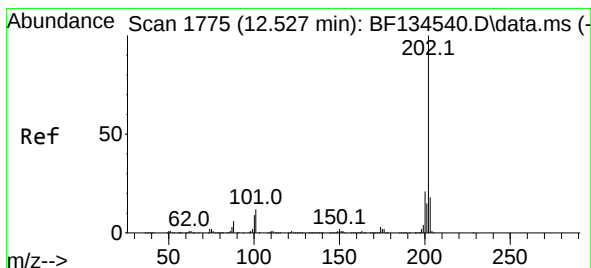
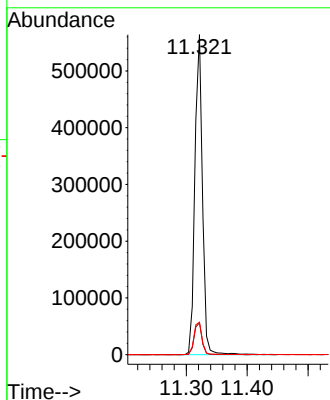
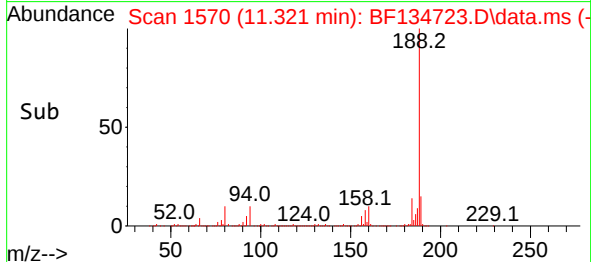
Instrument :
BNA_F
ClientSampleId :
WC-20



Tgt Ion:188 Resp: 48495
Ion Ratio Lower Upper
188 100
94 10.0 5.1 7.7
80 10.2 6.6 9.8

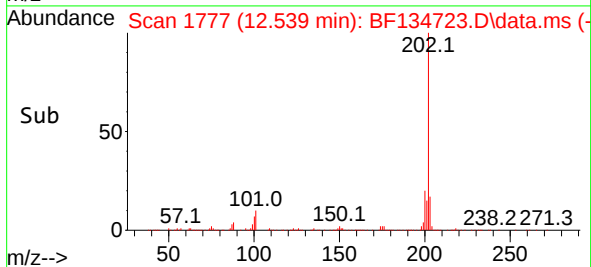
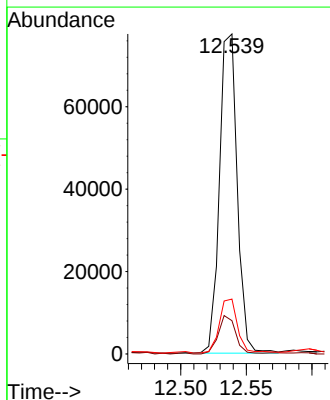
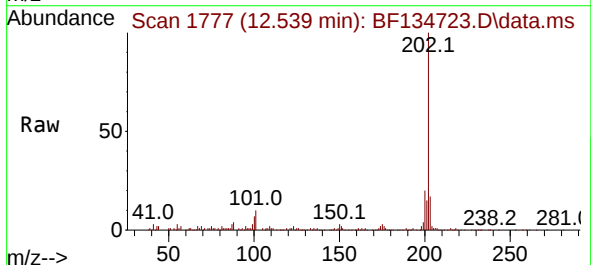
Manual Integrations
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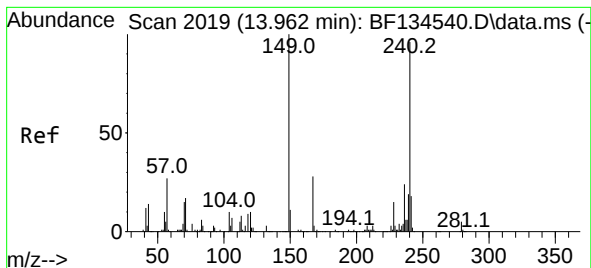
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#75
Fluoranthene
Concen: 2.685 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

Tgt Ion:202 Resp: 73044
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 17.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134723.D

Acq: 11 Aug 2023 09:52

Instrument :

BNA_F

ClientSampleId :

WC-20

Tgt Ion:240 Resp: 33886

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0

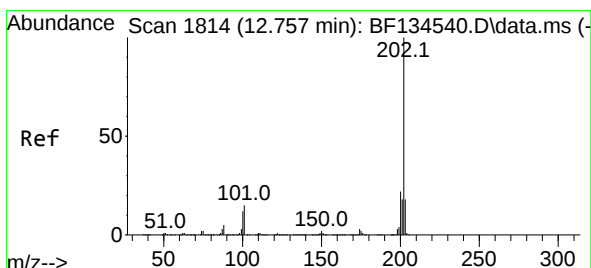
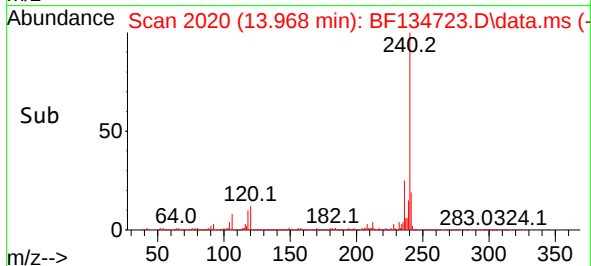
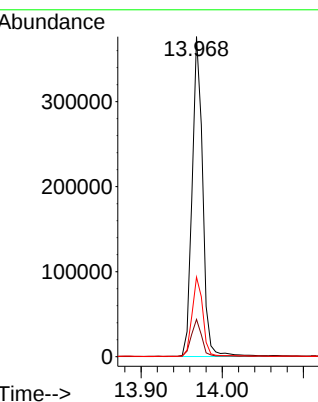
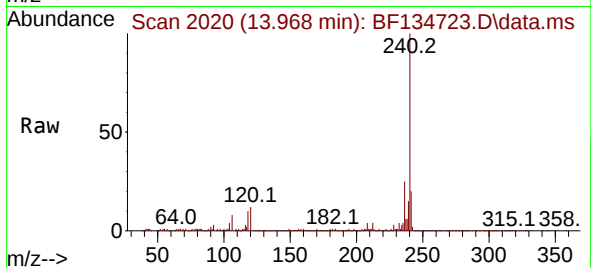
236 24.8 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#78

Pyrene

Concen: 2.188 ng

RT: 12.762 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134723.D

Acq: 11 Aug 2023 09:52

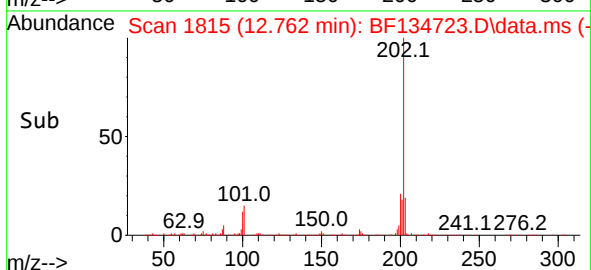
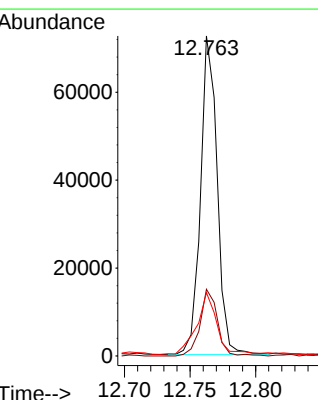
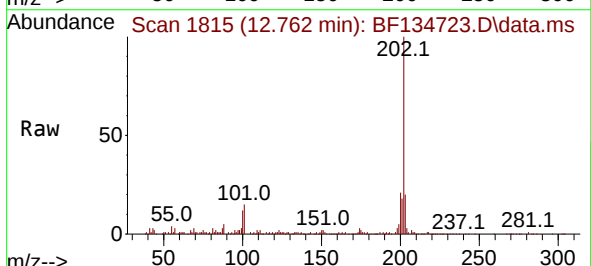
Tgt Ion:202 Resp: 64159

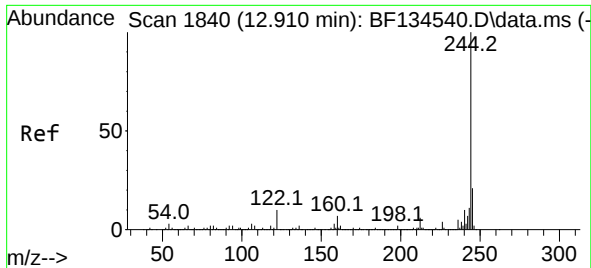
Ion Ratio Lower Upper

202 100

200 20.8 15.8 23.8

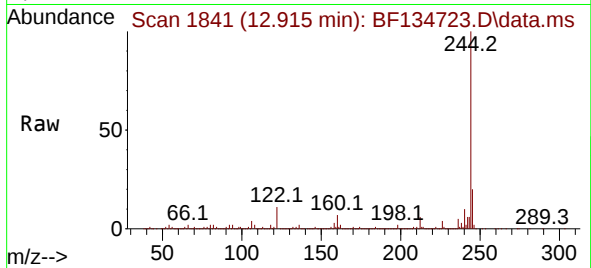
203 19.8 13.5 20.3





#79
Terphenyl-d14
Concen: 60.857 ng
RT: 12.915 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

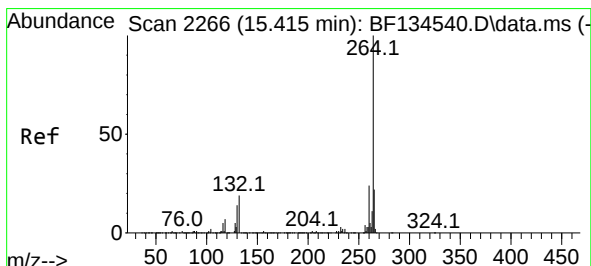
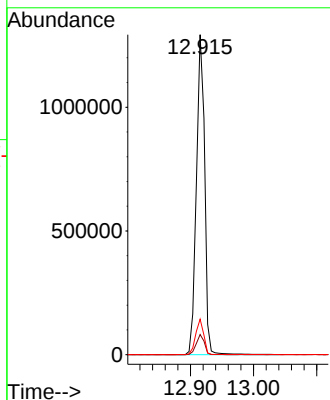
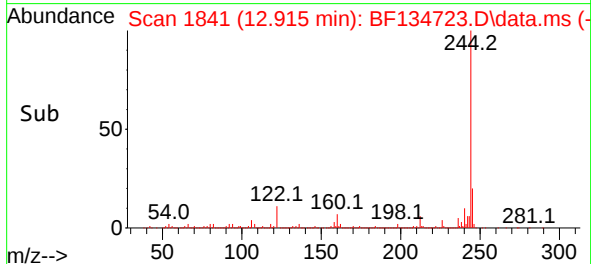
Instrument :
BNA_F
ClientSampleId :
WC-20



Tgt Ion:244 Resp: 1169798
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 11.1 8.0 12.0

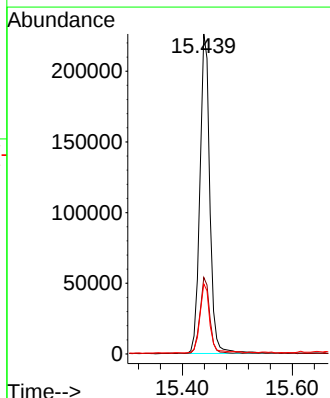
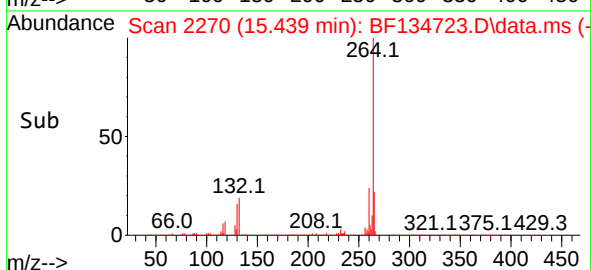
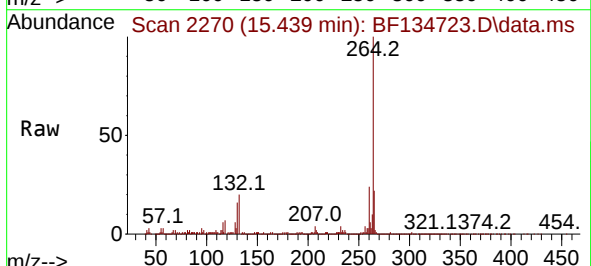
Manual Integrations
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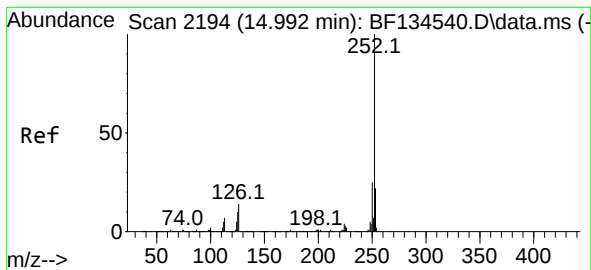
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF134723.D
Acq: 11 Aug 2023 09:52

Tgt Ion:264 Resp: 283892
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.9 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.659 ng m

RT: 15.009 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134723.D

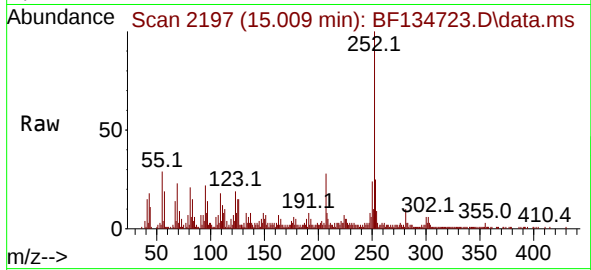
Acq: 11 Aug 2023 09:52

Instrument :

BNA_F

ClientSampleId :

WC-20



Tgt Ion:252 Resp: 46039

Ion Ratio Lower Upper

252 100

253 25.3 17.3 25.9

125 15.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023

