

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134806.D
 Acq On : 16 Aug 2023 13:44
 Operator : CG\JU
 Sample : 04006-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-1-EPH

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 01:32:44 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	6.804	152	190726	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	715752	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	300904	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	444363	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	301762	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	221389	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1266395	100.933	ng	0.02
7) Phenol-d6	6.445	99	1472286	91.795	ng	0.00
23) Nitrobenzene-d5	7.363	82	1024427	89.443	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	329952	107.566	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1684781	93.095	ng	0.00
79) Terphenyl-d14	12.922	244	1549315	90.510	ng	0.00
Target Compounds						
32) Benzoic acid	7.804	122	3573m	8.278	ng	Qvalue

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

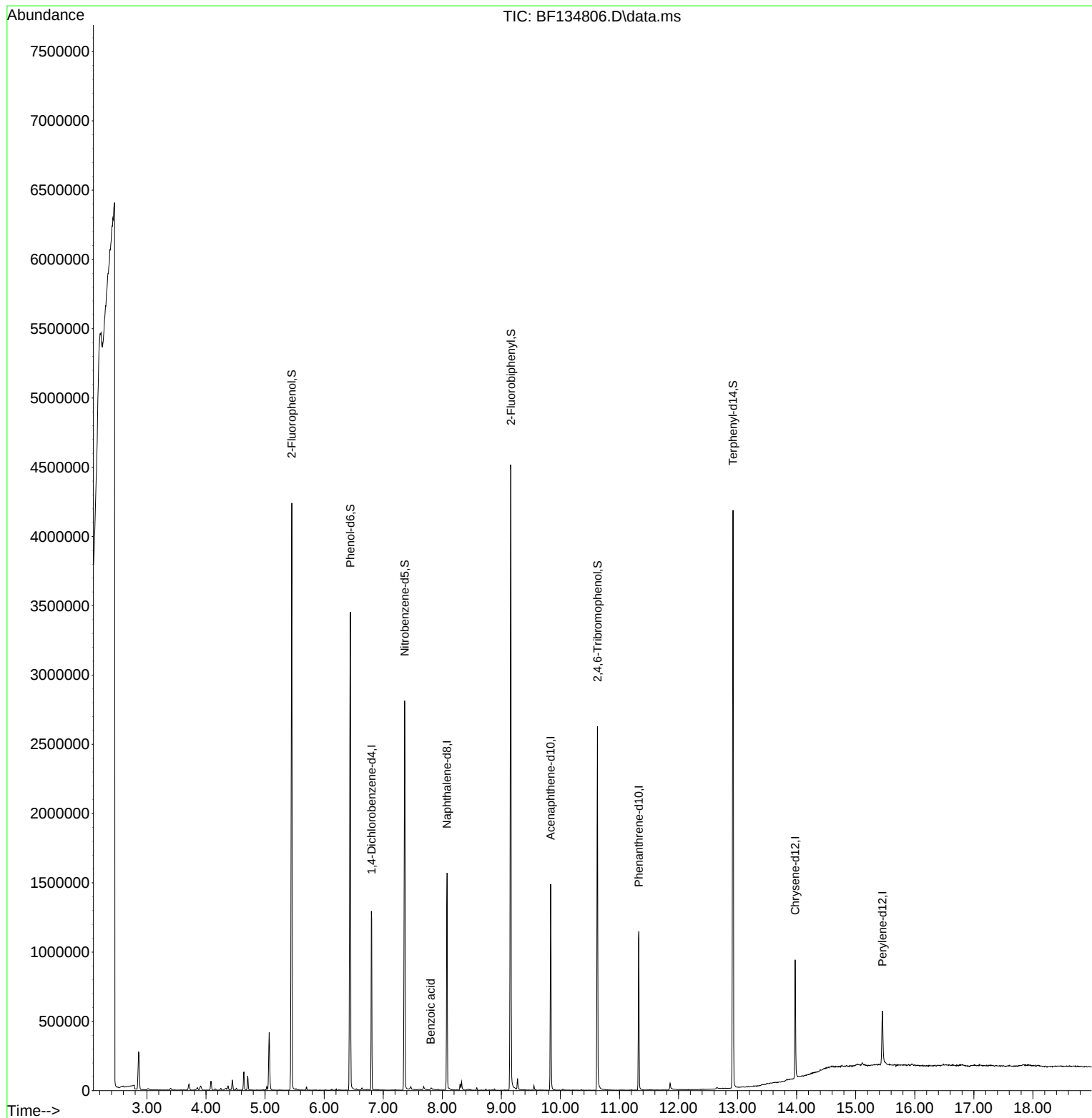
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
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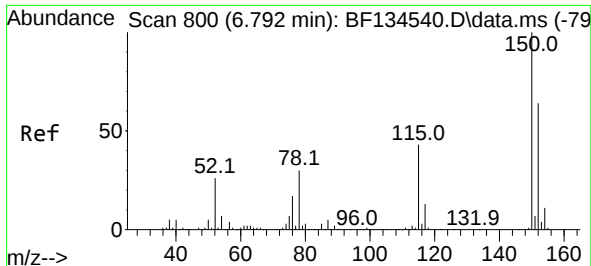
Instrument :
BNA_F
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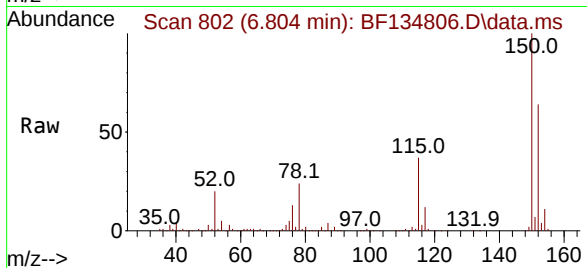
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

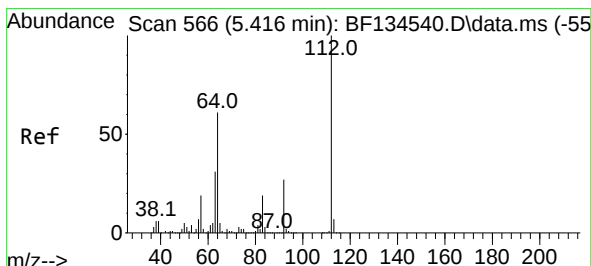
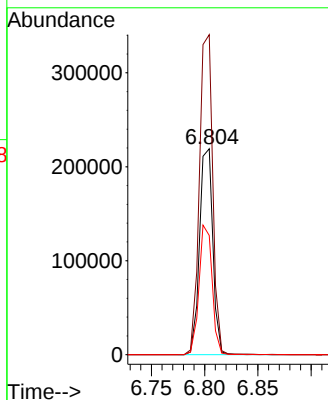
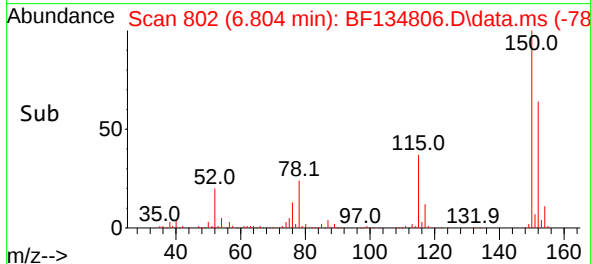
Instrument :
BNA_F
ClientSampleId :
E-1-EPH



Tgt Ion:152 Resp: 190720
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 57.9 52.4 78.6

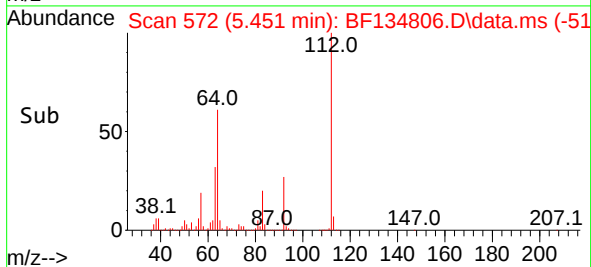
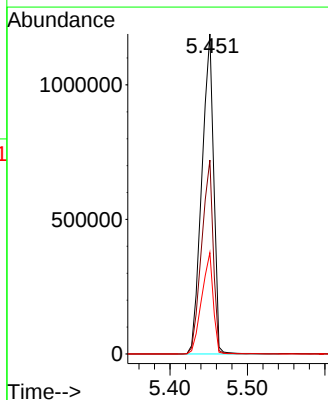
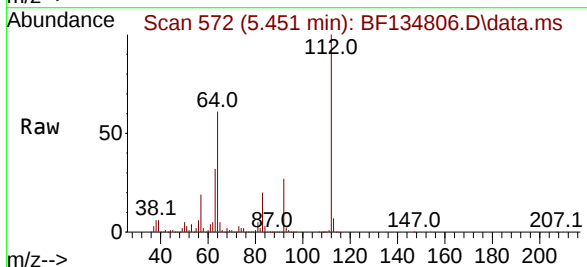
Manual Integrations
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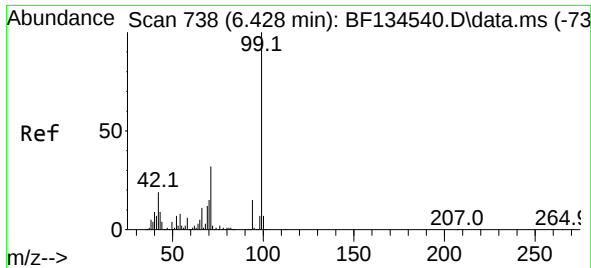
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#5
2-Fluorophenol
Concen: 100.933 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

Tgt Ion:112 Resp: 1266395
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 31.6 25.4 38.0





#7

Phenol-d6

Concen: 91.795 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF134806.D

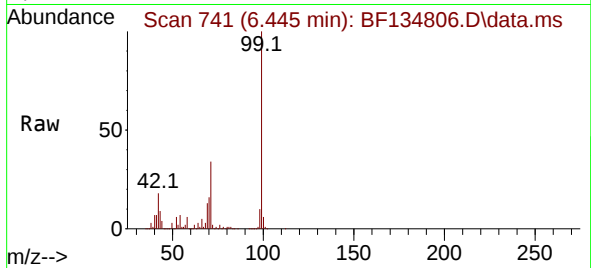
Acq: 16 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

E-1-EPH



Tgt Ion: 99 Resp: 1472280

Ion Ratio Lower Upper

99 100

42 18.3 18.7 28.1

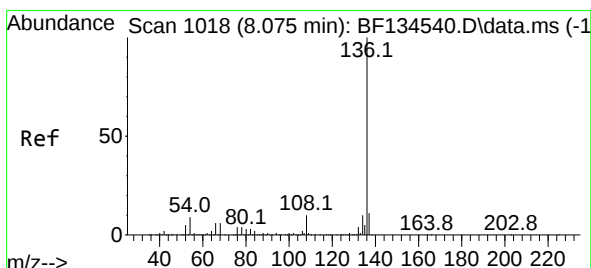
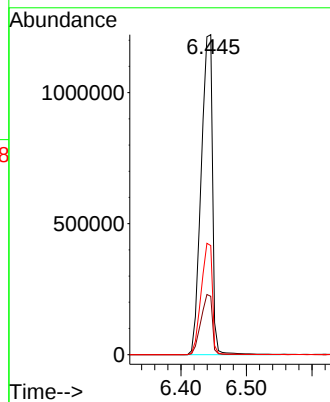
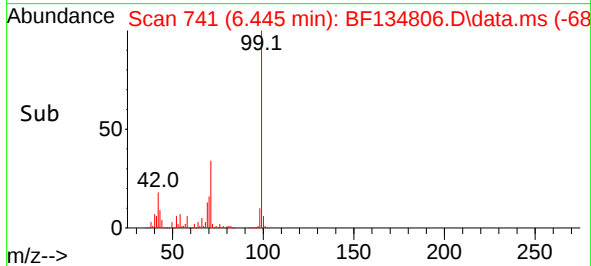
71 34.1 36.4 54.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF134806.D

Acq: 16 Aug 2023 13:44

Tgt Ion:136 Resp: 715752

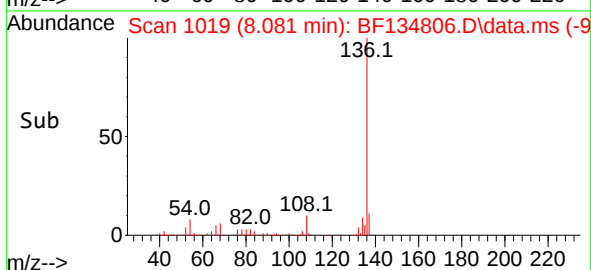
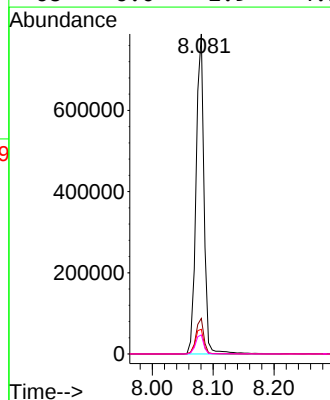
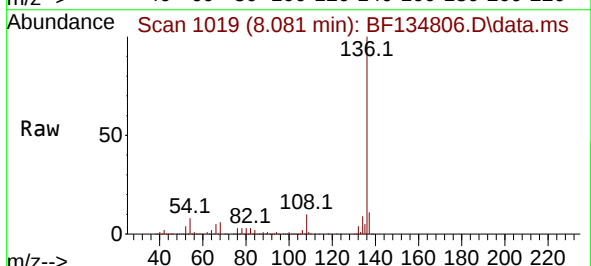
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.7 5.2 7.8

68 6.0 2.9 4.3





#23

Nitrobenzene-d5

Concen: 89.443 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134806.D

Acq: 16 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

E-1-EPH

Tgt Ion: 82 Resp: 102442

Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

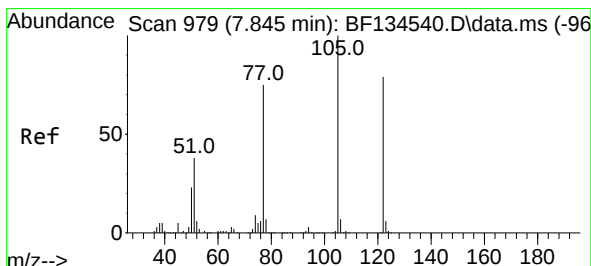
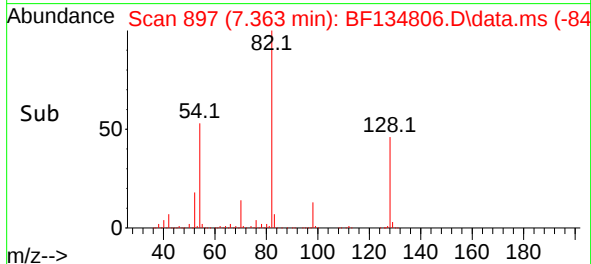
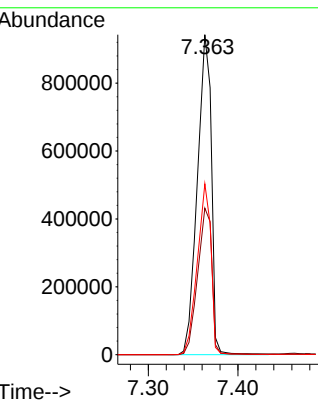
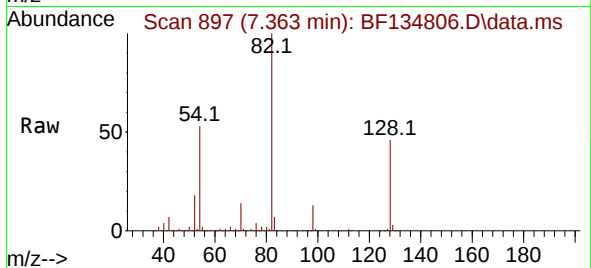
54 53.4 43.8 65.6

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#32

Benzoic acid

Concen: 8.278 ng m

RT: 7.804 min Scan# 972

Delta R.T. -0.059 min

Lab File: BF134806.D

Acq: 16 Aug 2023 13:44

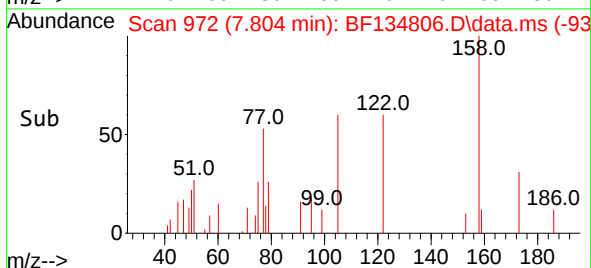
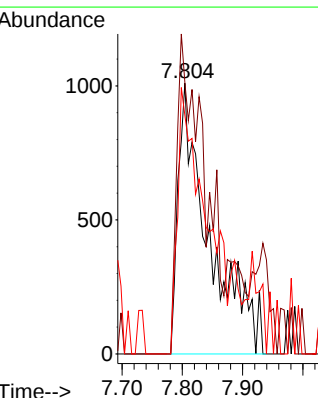
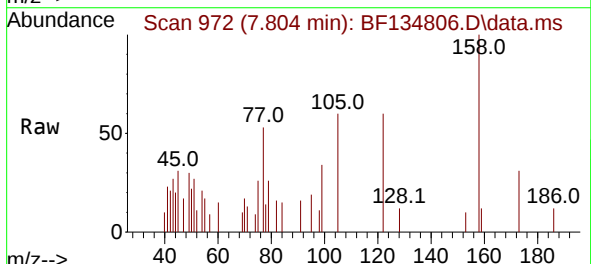
Tgt Ion:122 Resp: 3573

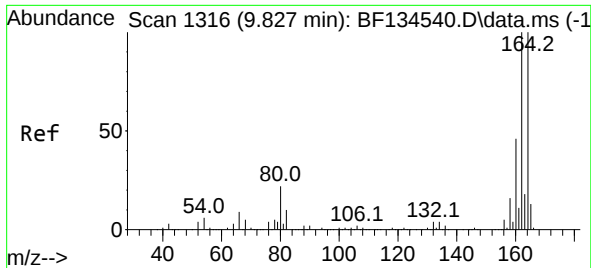
Ion Ratio Lower Upper

122 100

105 100.4 87.5 127.5

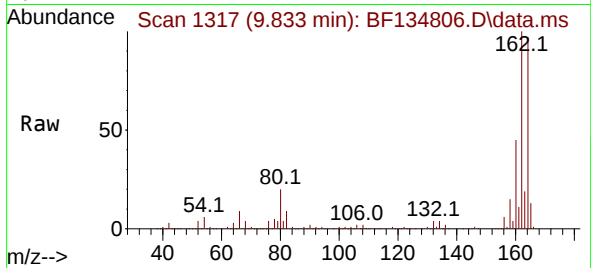
77 88.2 71.4 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

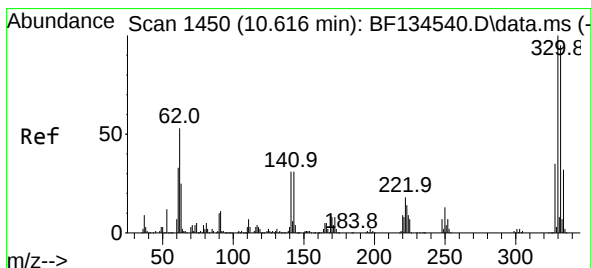
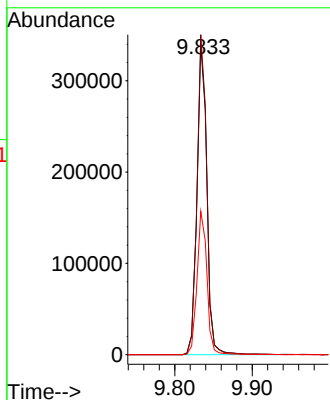
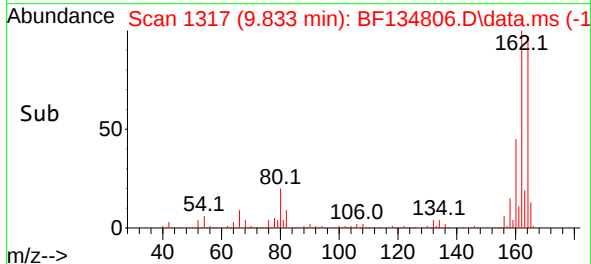
Instrument :
BNA_F
ClientSampleId :
E-1-EPH



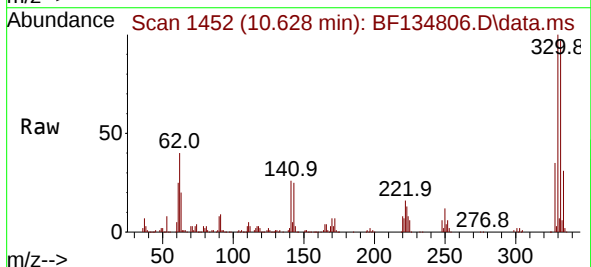
Tgt Ion:164 Resp: 300904
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 46.2 37.2 55.8

Manual Integrations
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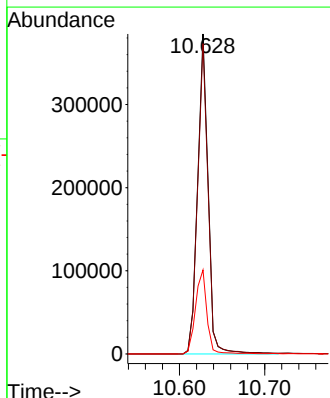
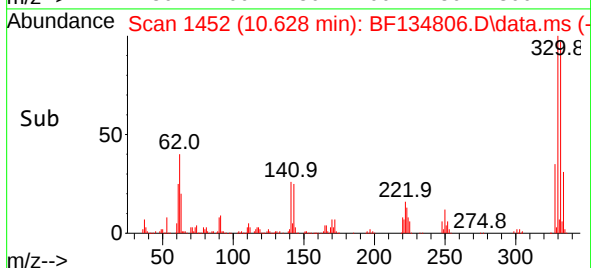
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

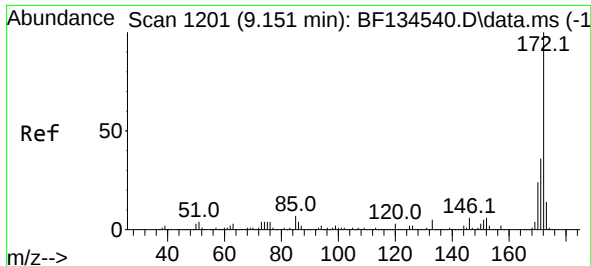


#42
2,4,6-Tribromophenol
Concen: 107.566 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44



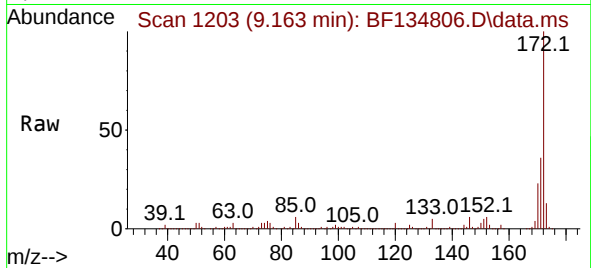
Tgt Ion:330 Resp: 329952
Ion Ratio Lower Upper
330 100
332 97.9 78.8 118.2
141 28.6 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 93.095 ng
RT: 9.163 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

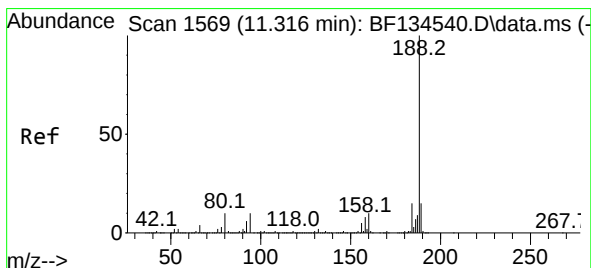
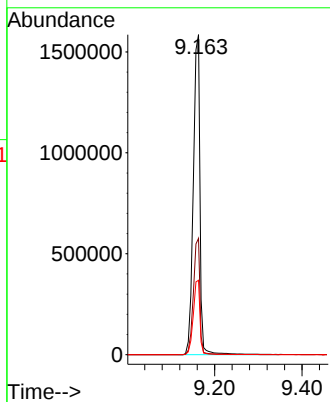
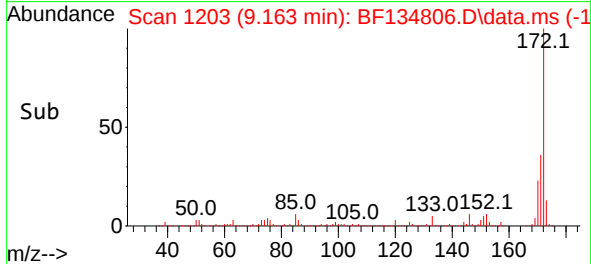
Instrument :
BNA_F
ClientSampleId :
E-1-EPH



Tgt Ion:172 Resp: 168478
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.2 18.7 28.1

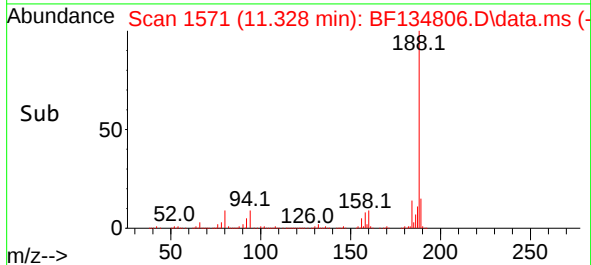
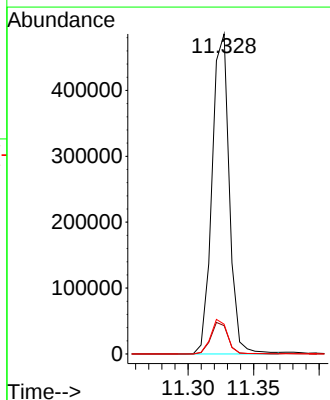
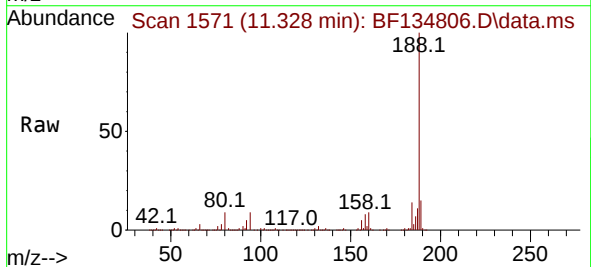
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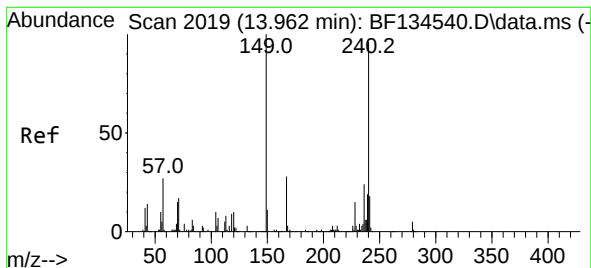
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

Tgt Ion:188 Resp: 444363
Ion Ratio Lower Upper
188 100
94 8.8 5.1 7.7#
80 9.3 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134806.D

Acq: 16 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

E-1-EPH

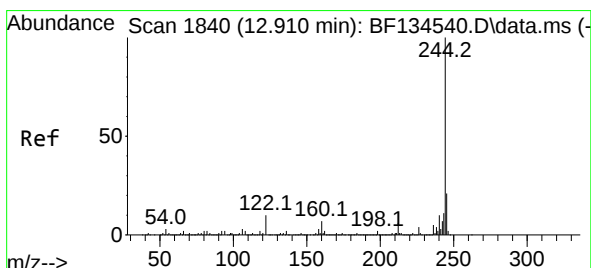
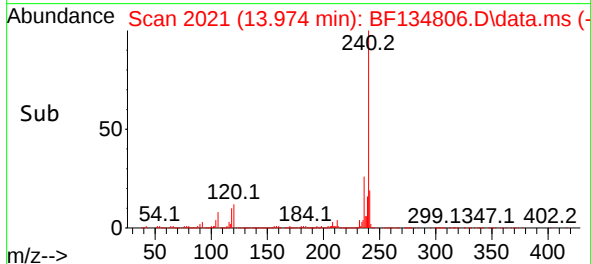
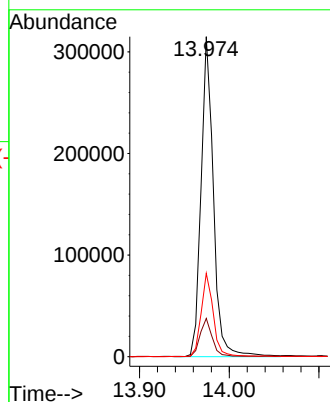
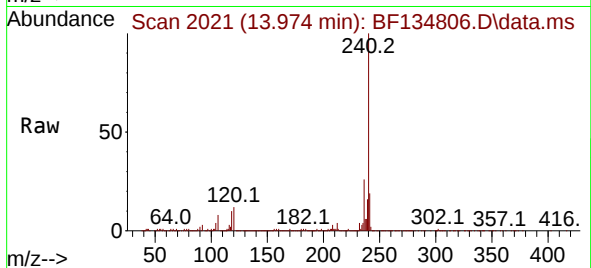
Tgt Ion:240 Resp: 301762
 Ion Ratio Lower Upper
 240 100
 120 12.0 6.6 10.0
 236 26.1 20.2 30.2

Manual Integrations

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#79

Terphenyl-d14

Concen: 90.510 ng

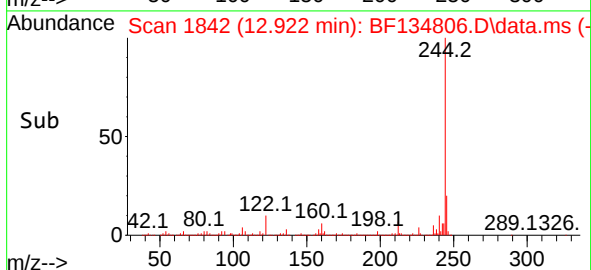
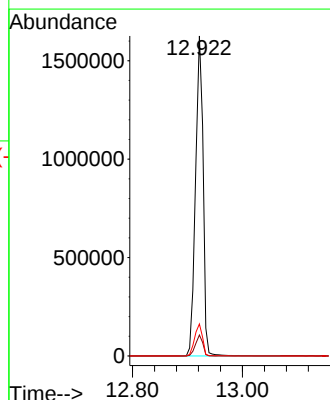
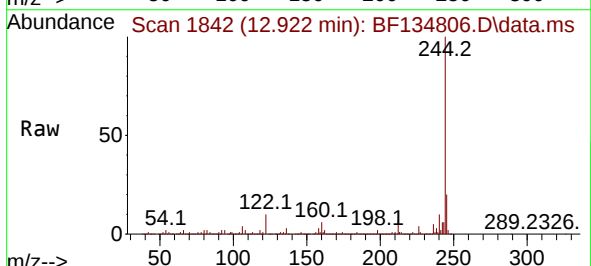
RT: 12.922 min Scan# 1842

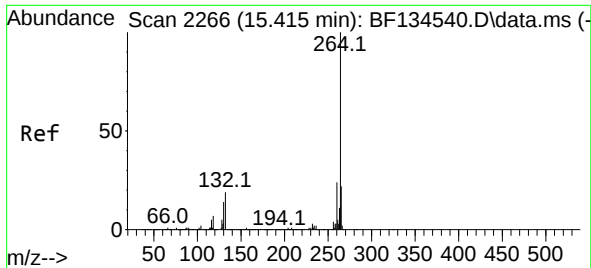
Delta R.T. 0.000 min

Lab File: BF134806.D

Acq: 16 Aug 2023 13:44

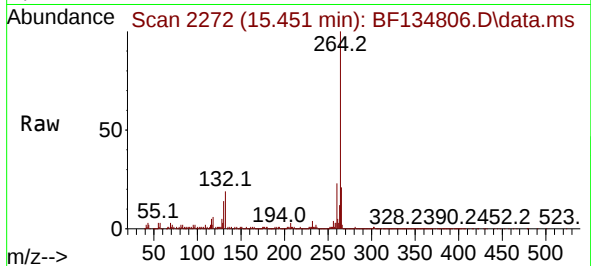
Tgt Ion:244 Resp: 1549315
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134806.D
Acq: 16 Aug 2023 13:44

Instrument :
BNA_F
ClientSampleId :
E-1-EPH



Tgt Ion:264 Resp: 221389
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 20.9 15.8 23.8

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