

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135527.D
 Acq On : 02 Oct 2023 15:02
 Operator : CG\JU
 Sample : 04668-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251697

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 02:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	132140	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	443889	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	86396m	20.000	ng	0.06
64) Phenanthrene-d10	11.427	188	63767m	20.000	ng	0.15
76) Chrysene-d12	13.962	240	201248	20.000	ng	# 0.03
86) Perylene-d12	15.404	264	333462	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	739302	90.997	ng	0.00
7) Phenol-d6	6.392	99	892741	86.416	ng	-0.01
23) Nitrobenzene-d5	7.310	82	514309	62.948	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	52811	61.511	ng	0.11
45) 2-Fluorobiphenyl	9.139	172	548183	95.728	ng	0.03
79) Terphenyl-d14	12.992	244	214575	16.528	ng	0.12

Target Compounds	Qvalue

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

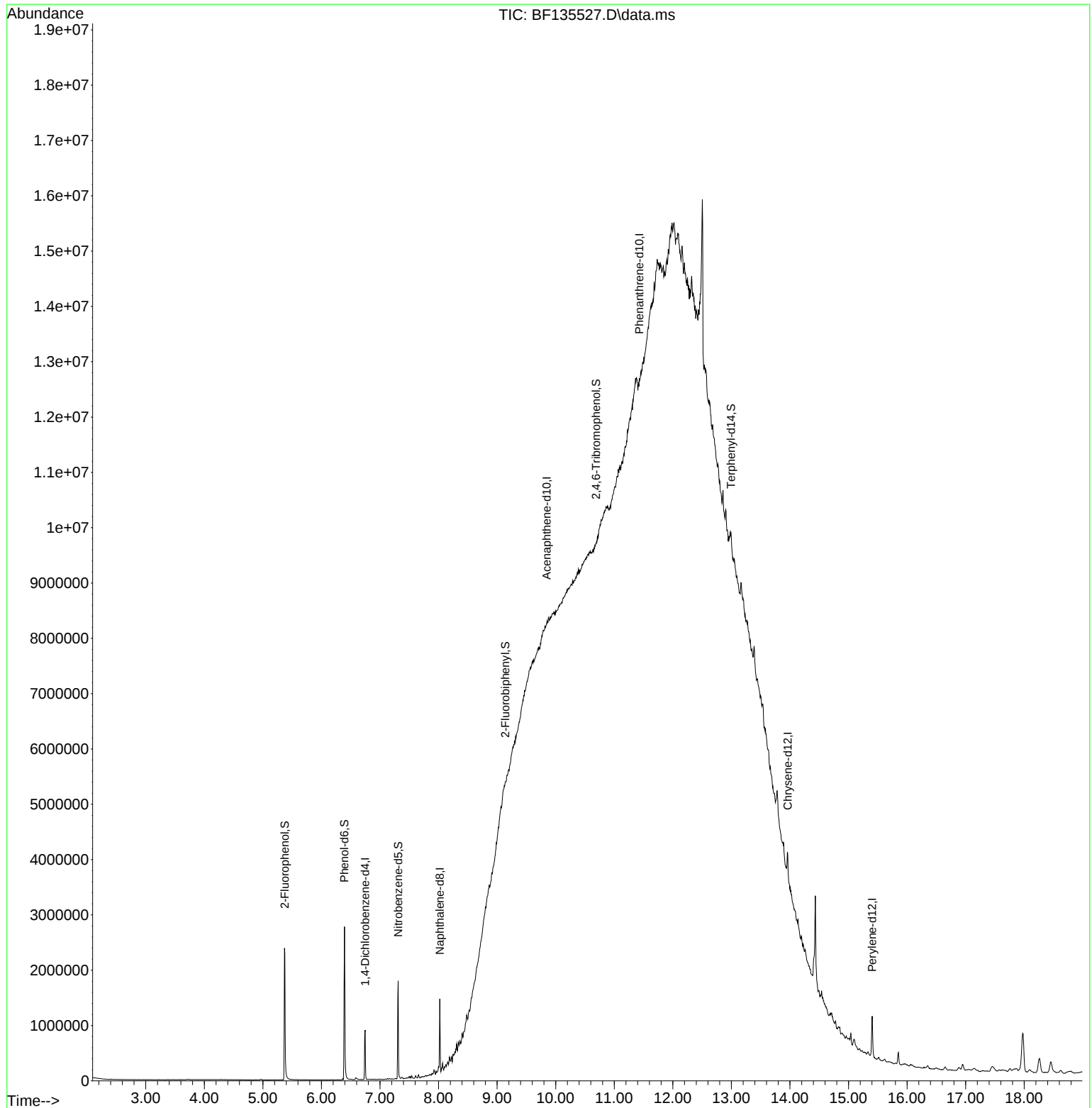
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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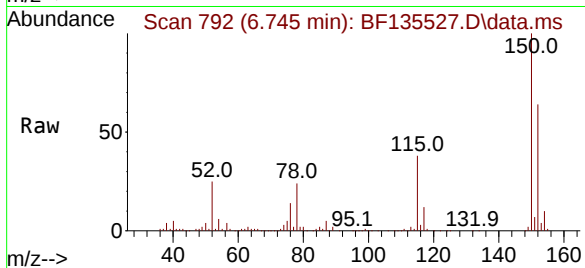
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

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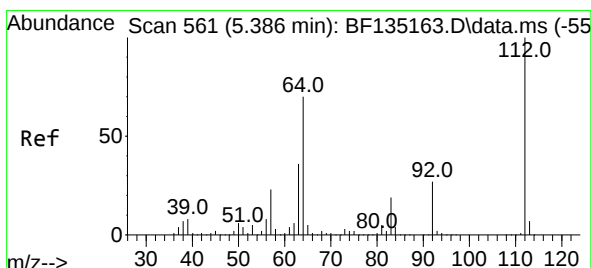
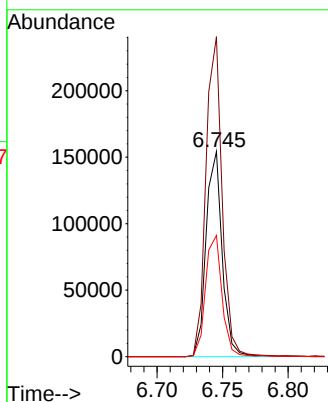
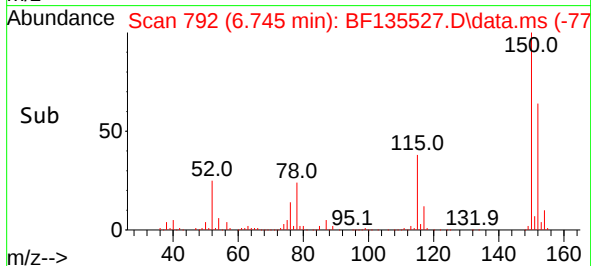


Tgt Ion:152 Resp: 132140
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.6
115 59.1 49.8 74.8

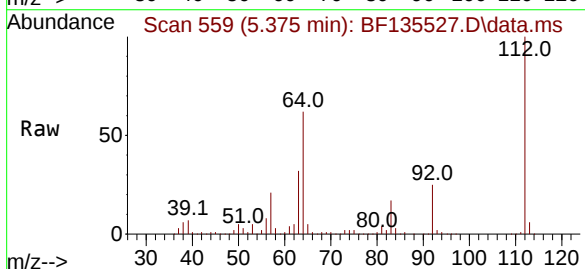
Manual Integrations

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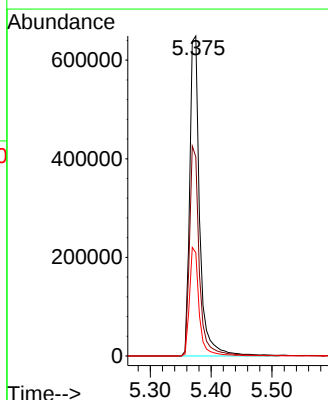
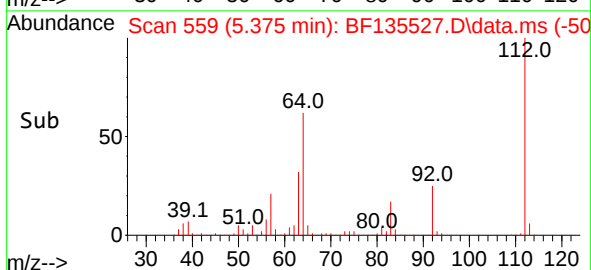
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

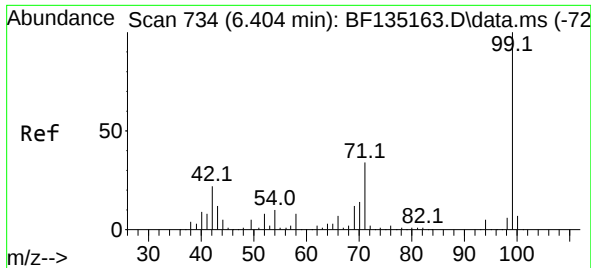


#5
2-Fluorophenol
Concen: 90.997 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02



Tgt Ion:112 Resp: 739302
Ion Ratio Lower Upper
112 100
64 62.2 55.9 83.9
63 32.3 29.0 43.6





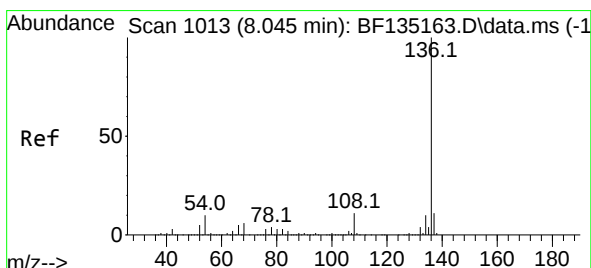
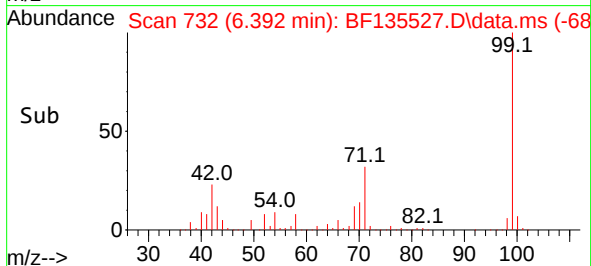
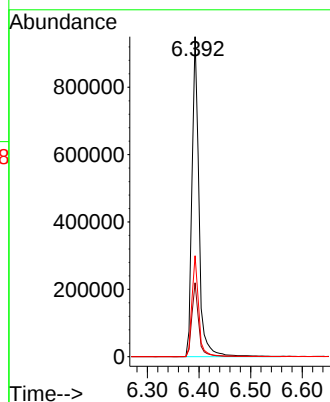
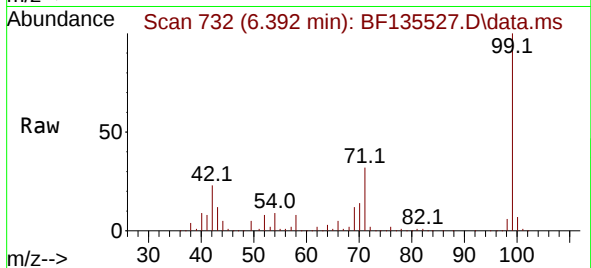
#7
Phenol-d6
Concen: 86.416 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

Instrument :
BNA_F
ClientSampleId :
RBR251697

Tgt Ion: 99 Resp: 89274
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 31.5 27.0 40.6

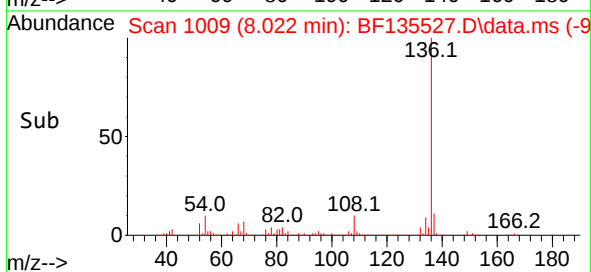
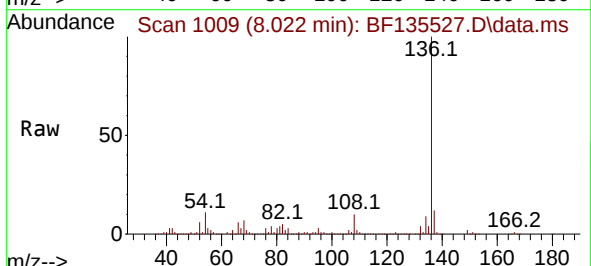
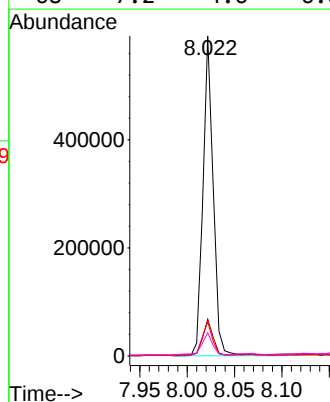
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

Tgt Ion:136 Resp: 443889
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.6 7.7 11.5
68 7.2 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 62.948 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF135527.D

Acq: 02 Oct 2023 15:02

Instrument :

BNA_F

ClientSampleId :

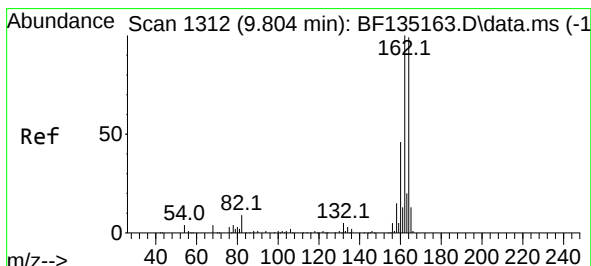
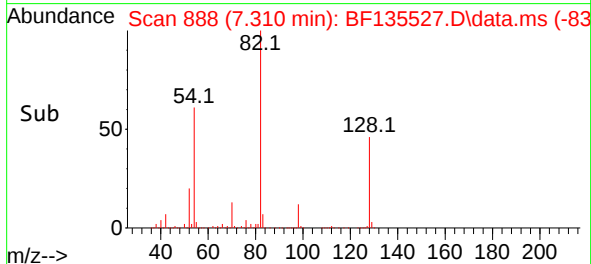
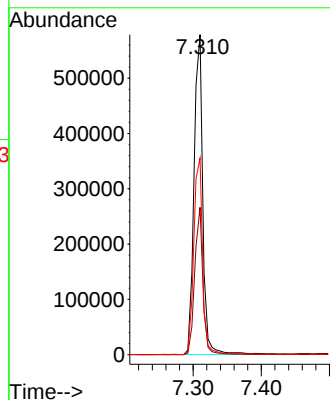
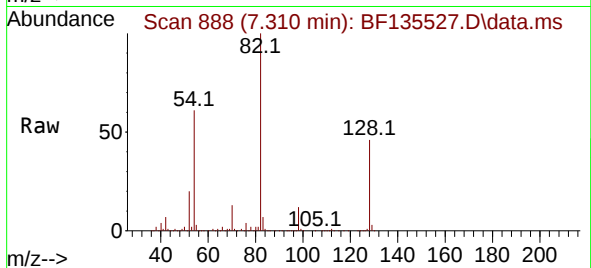
RBR251697

Tgt Ion: 82 Resp: 514309
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.8 53.6
 54 61.4 50.6 76.0

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#39

Acenaphthene-d10

Concen: 20.000 ng m

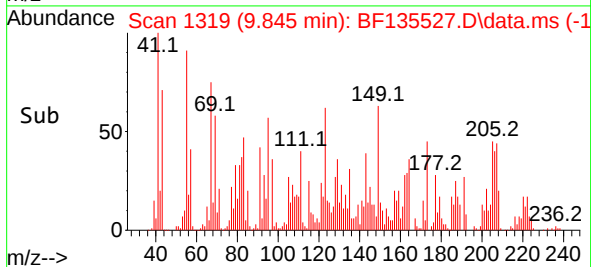
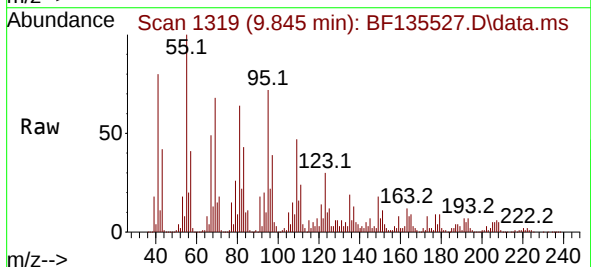
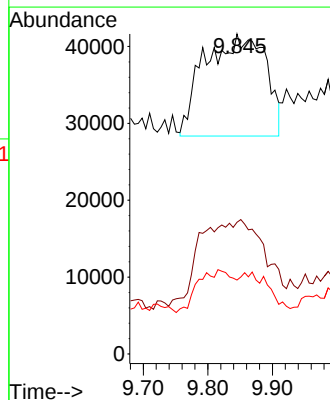
RT: 9.845 min Scan# 1319

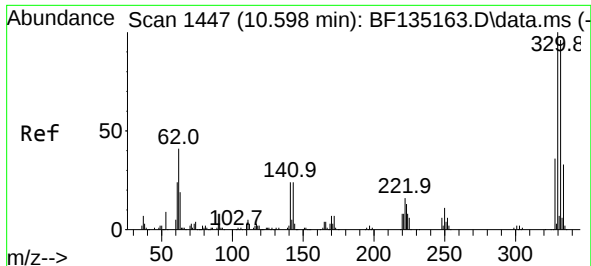
Delta R.T. 0.059 min

Lab File: BF135527.D

Acq: 02 Oct 2023 15:02

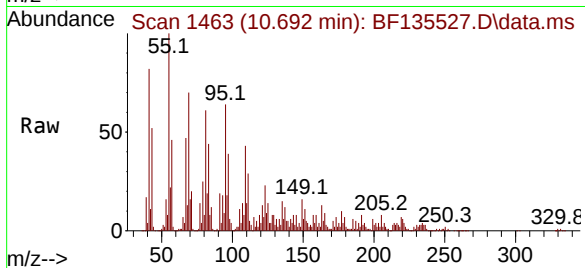
Tgt Ion:164 Resp: 86396
 Ion Ratio Lower Upper
 164 100
 162 41.1 81.0 121.4#
 160 23.1 37.0 55.4#





#42
2,4,6-Tribromophenol
Concen: 61.511 ng
RT: 10.692 min Scan# 1447
Delta R.T. 0.112 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

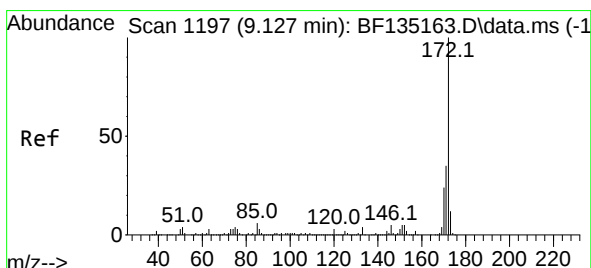
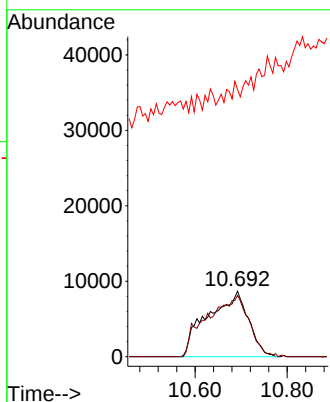
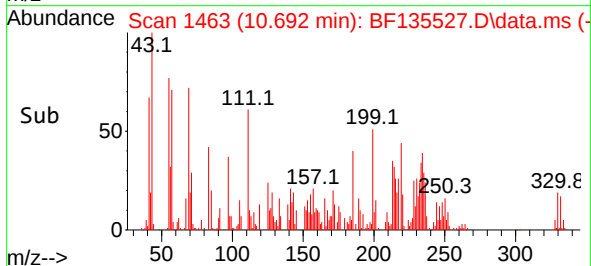
Instrument :
BNA_F
ClientSampleId :
RBR251697



Tgt Ion: 330 Resp: 5281
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 0.0 25.8 38.8

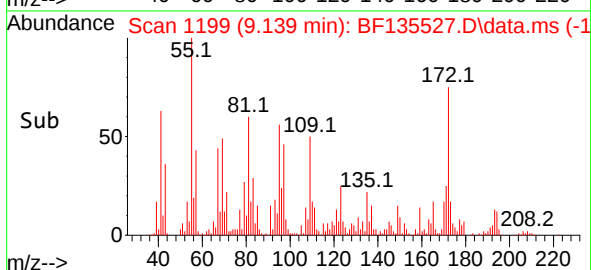
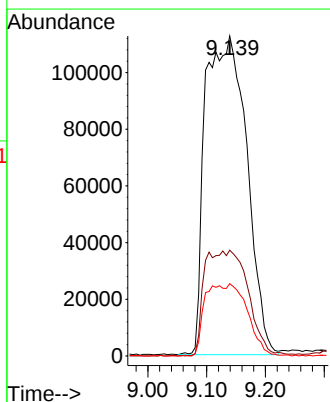
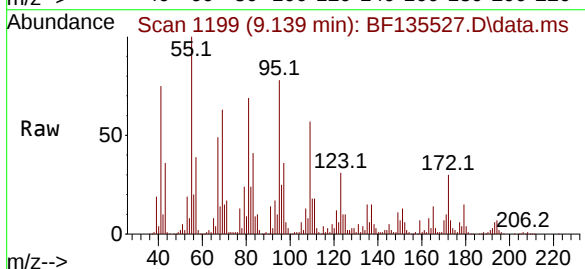
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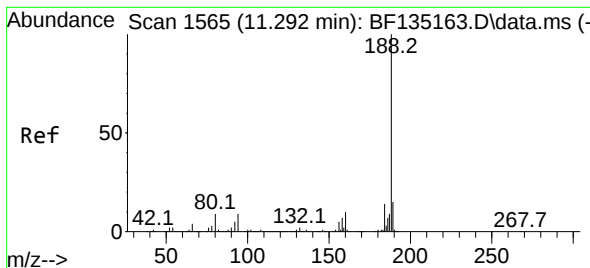
Reviewed By : Yogesh Patel 10/03/2023
Supervised By : mohammad ahmed 10/04/2023



#45
2-Fluorobiphenyl
Concen: 95.728 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.029 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

Tgt Ion: 172 Resp: 548183
Ion Ratio Lower Upper
172 100
171 33.0 28.4 42.6
170 22.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng m

RT: 11.427 min Scan# 11

Delta R.T. 0.153 min

Lab File: BF135527.D

Acq: 02 Oct 2023 15:02

Instrument :

BNA_F

ClientSampleId :

RBR251697

Tgt Ion:188 Resp: 6376

Ion Ratio Lower Upper

188 100

94 362.4 7.0 10.6

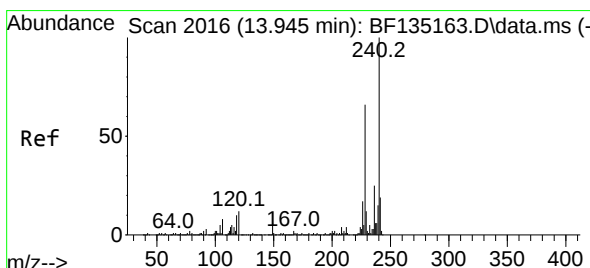
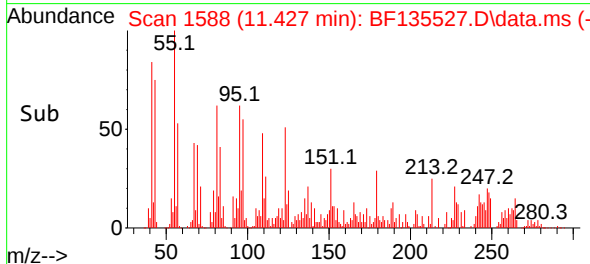
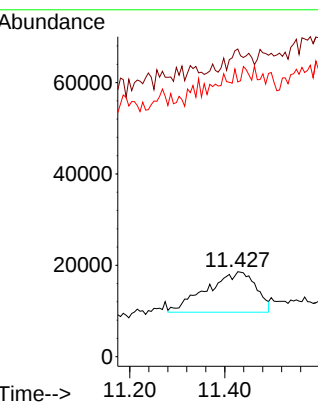
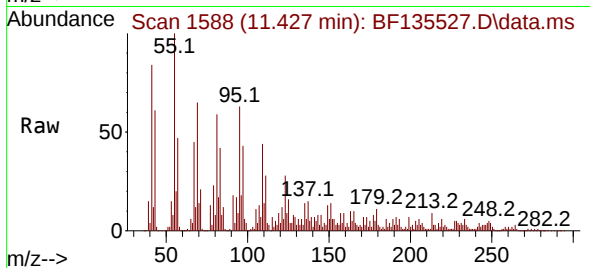
80 323.5 7.5 11.3

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Supervised By :mohammad ahmed 10/04/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.029 min

Lab File: BF135527.D

Acq: 02 Oct 2023 15:02

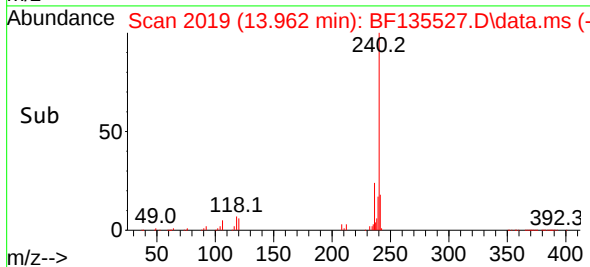
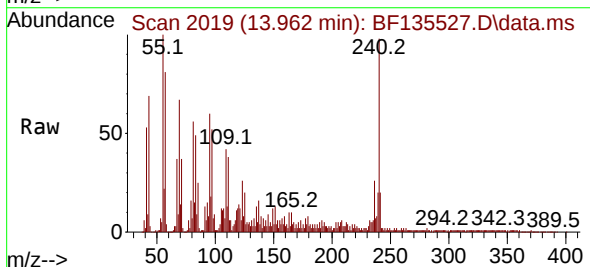
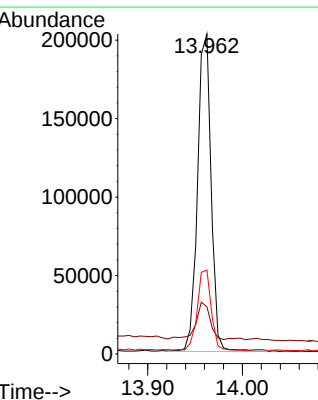
Tgt Ion:240 Resp: 201248

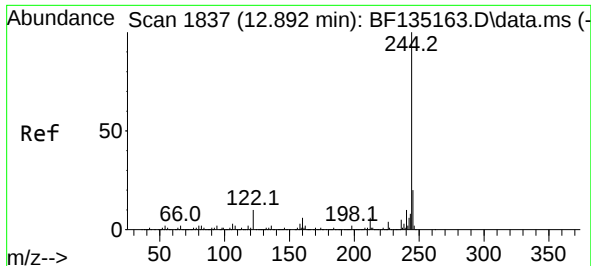
Ion Ratio Lower Upper

240 100

120 14.7 9.4 14.2

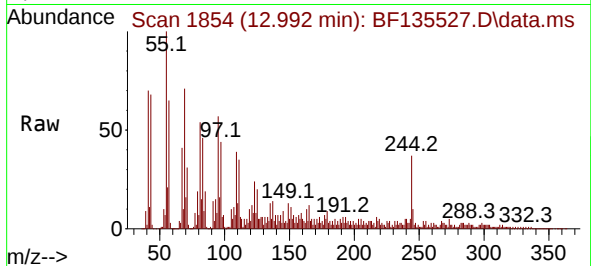
236 26.2 19.8 29.8





#79
Terphenyl-d14
Concen: 16.528 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.118 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

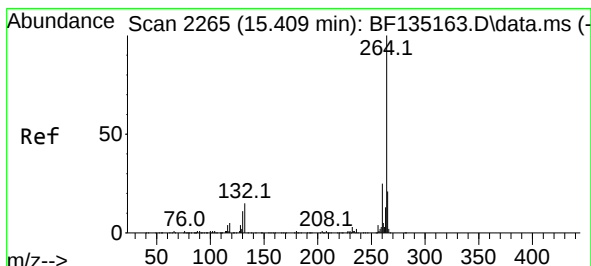
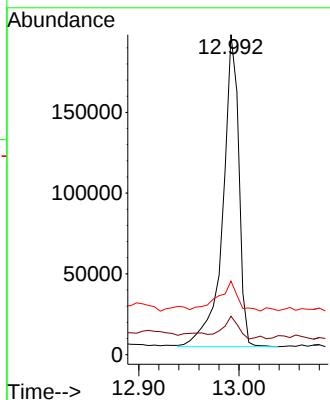
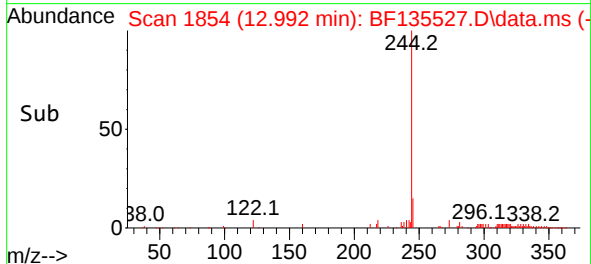
Instrument :
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RBR251697



Tgt Ion:244 Resp: 214579
Ion Ratio Lower Upper
244 100
212 12.0 5.1 7.7
122 23.0 7.9 11.9

Manual Integrations
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Supervised By :mohammad ahmed 10/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.012 min
Lab File: BF135527.D
Acq: 02 Oct 2023 15:02

Tgt Ion:264 Resp: 333462
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 21.1 17.0 25.4

