

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136363.D
 Acq On : 02 Dec 2023 06:15
 Operator : CG\JU
 Sample : 05521-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 03 07:22:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124767	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	441982	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	162582	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	270180	20.000	ng	0.00
76) Chrysene-d12	13.980	240	258625	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	214506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	619290	69.085	ng	0.00
7) Phenol-d6	6.439	99	725350	64.715	ng	0.00
23) Nitrobenzene-d5	7.363	82	429923	51.401	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	123541	62.153	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	727076	57.122	ng	-0.01
79) Terphenyl-d14	12.927	244	729928	32.555	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	13.974	149	61600	5.823	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.962	276	9866	3.260	ng	# 92
91) Dibenzo(a,h)anthracene	16.950	278	6370m	3.180	ng	
92) Benzo(g,h,i)perylene	17.409	276	7731	2.476	ng	# 94

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

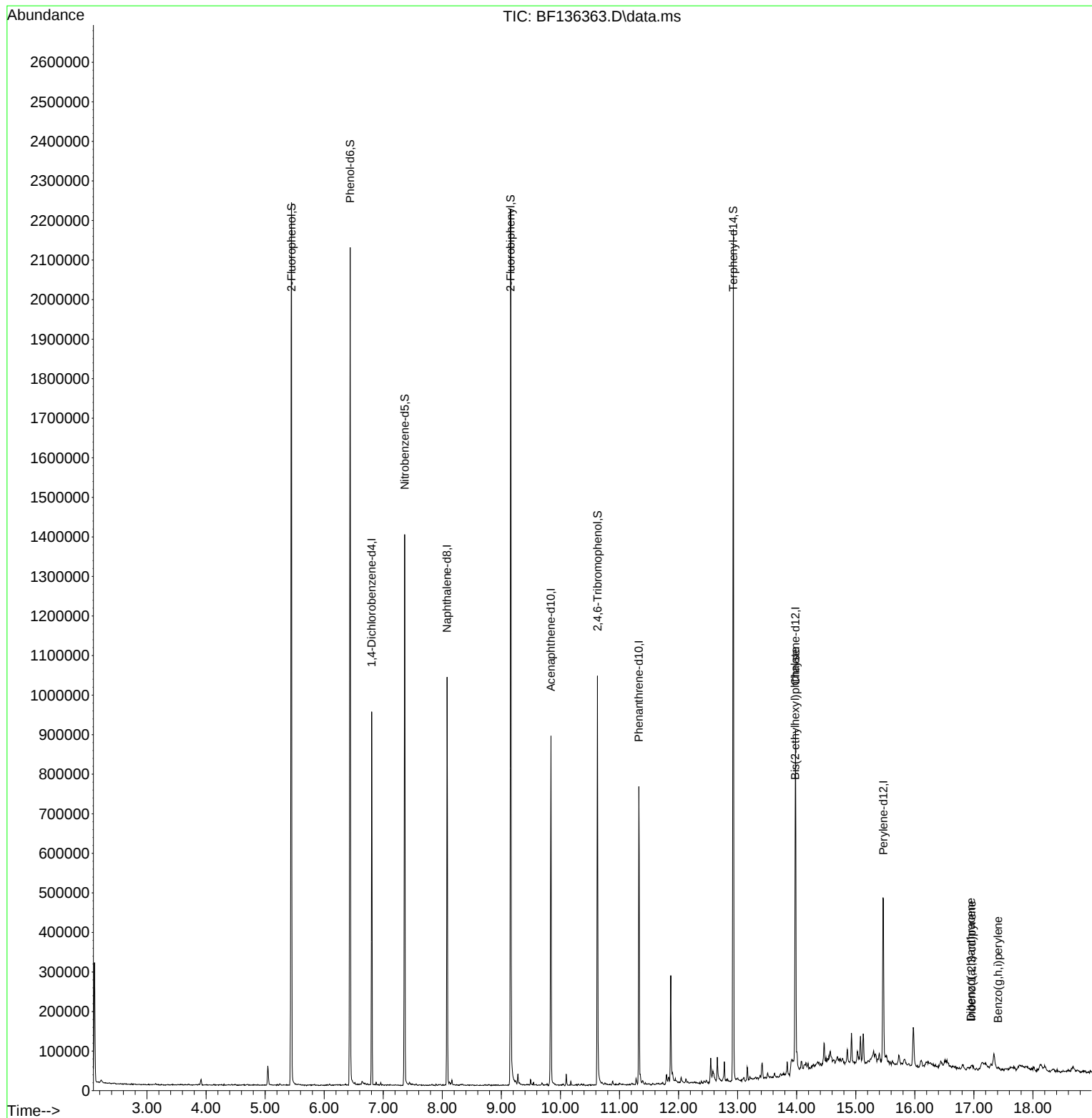
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
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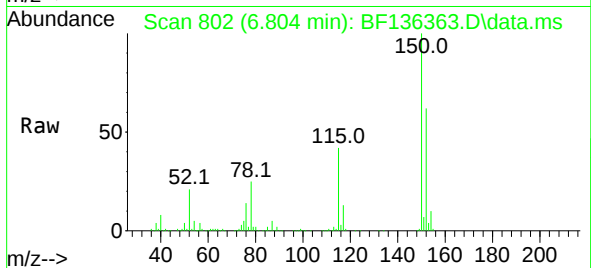
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

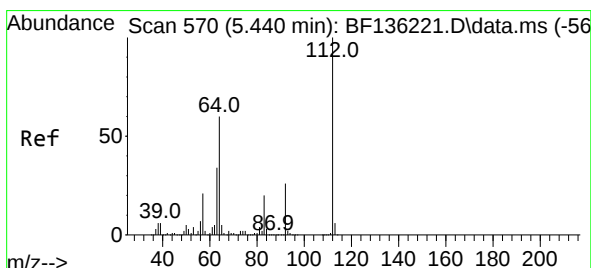
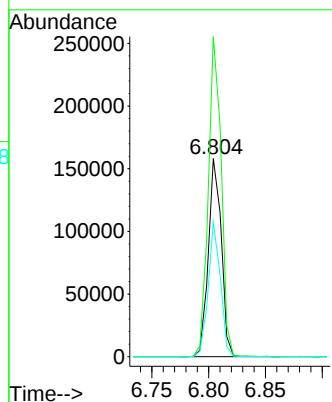
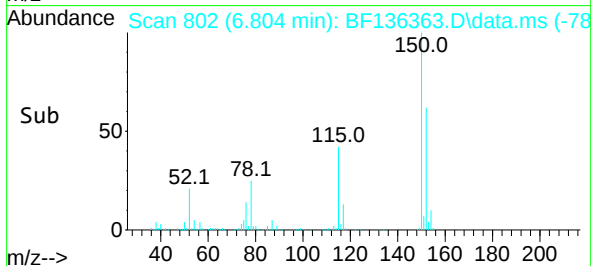
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



Tgt Ion:152 Resp: 12476
Ion Ratio Lower Upper
152 100
150 161.6 137.8 206.8
115 68.0 52.7 79.1

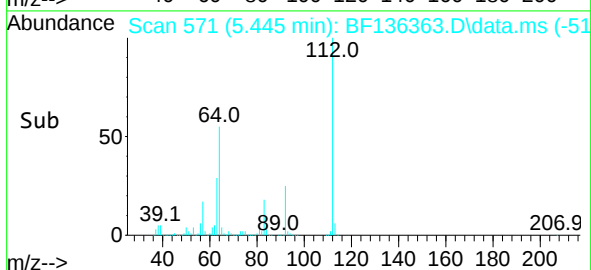
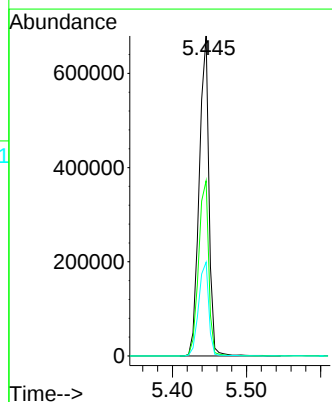
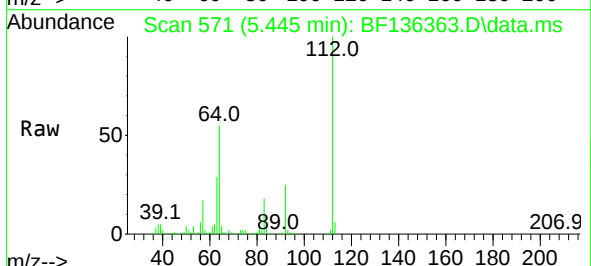
Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#5
2-Fluorophenol
Concen: 69.085 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Tgt Ion:112 Resp: 619290
Ion Ratio Lower Upper
112 100
64 54.8 48.2 72.4
63 29.3 27.0 40.6





#7

Phenol-d6

Concen: 64.715 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136363.D

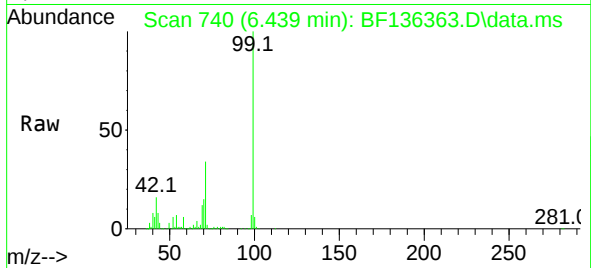
Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP



Tgt Ion: 99 Resp: 725350

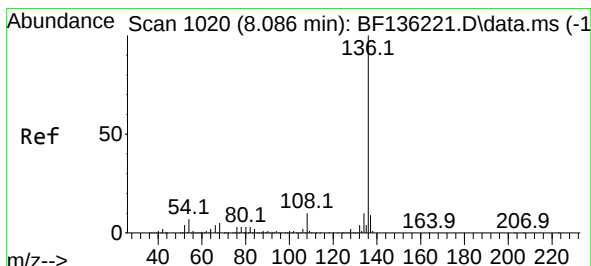
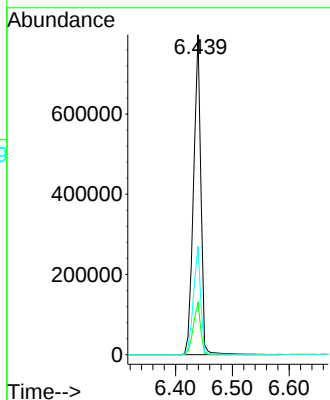
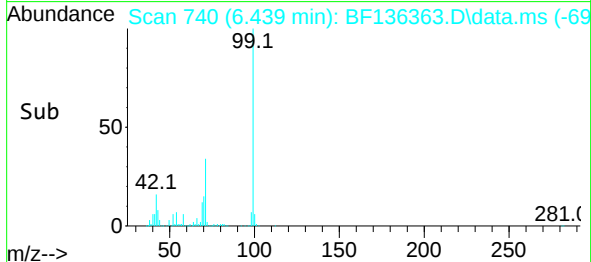
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.6
71	33.9	28.9	43.3

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Supervised By :mohammad ahmed 12/05/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1019

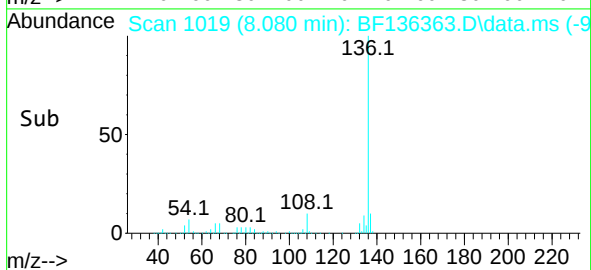
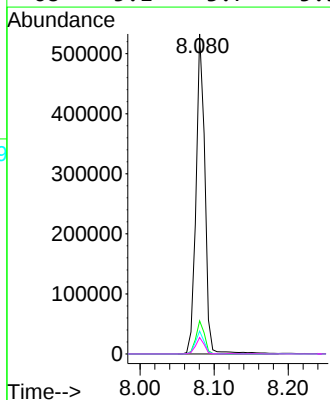
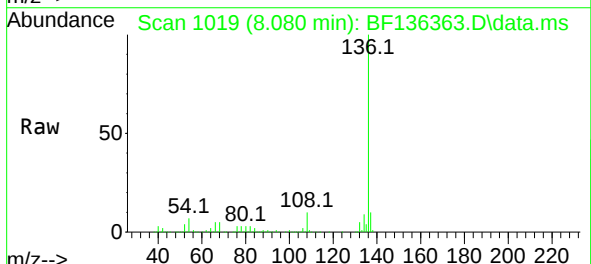
Delta R.T. -0.006 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Tgt Ion:136 Resp: 441982

Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.4	11.2
54	7.2	5.5	8.3
68	5.1	3.7	5.5





#23

Nitrobenzene-d5

Concen: 51.401 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

Tgt Ion: 82 Resp: 429923

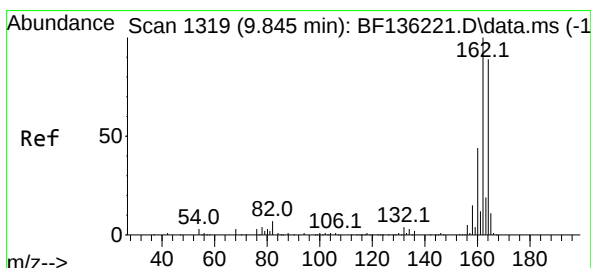
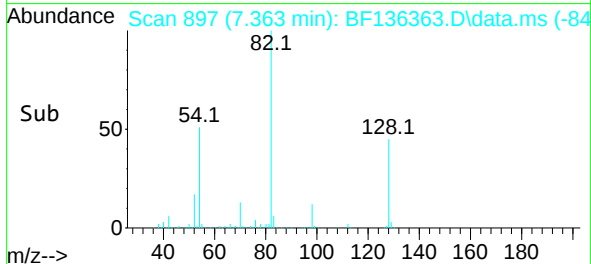
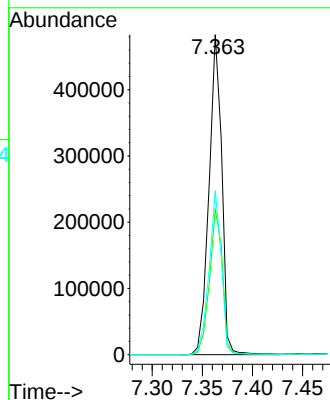
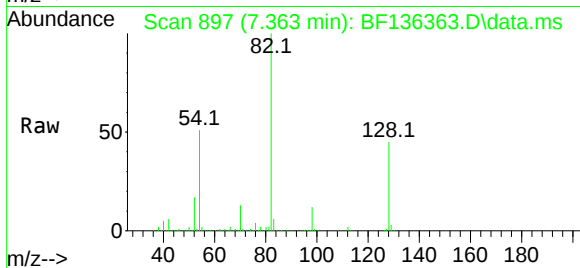
Ion	Ratio	Lower	Upper
82	100		
128	45.5	33.4	50.2
54	51.2	41.7	62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

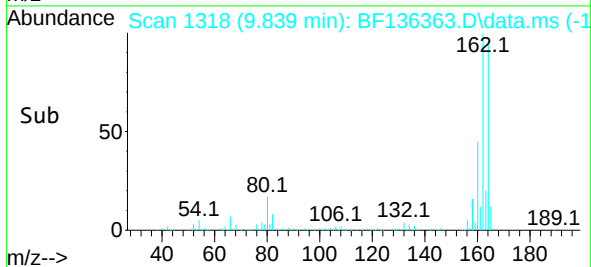
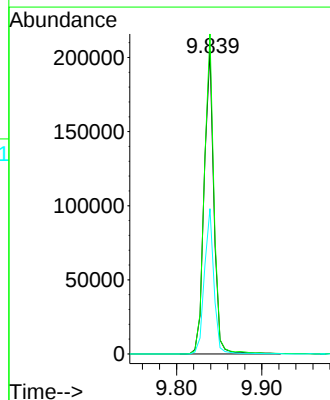
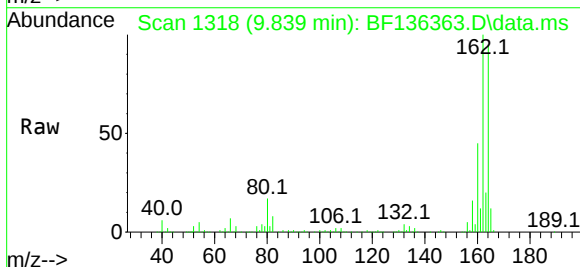
Delta R.T. -0.006 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Tgt Ion:164 Resp: 162582

Ion	Ratio	Lower	Upper
164	100		
162	105.5	89.5	134.3
160	47.9	39.6	59.4





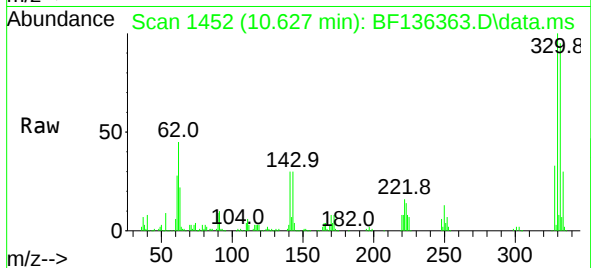
#42
2,4,6-Tribromophenol
Concen: 62.153 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP



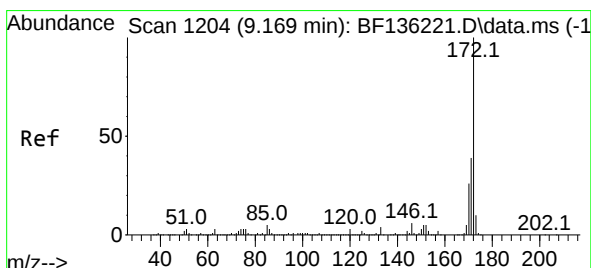
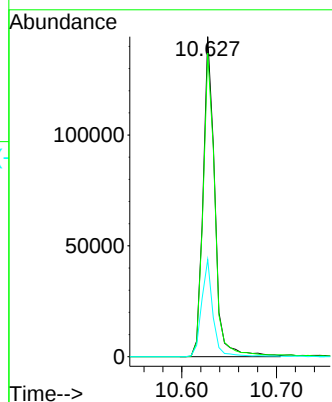
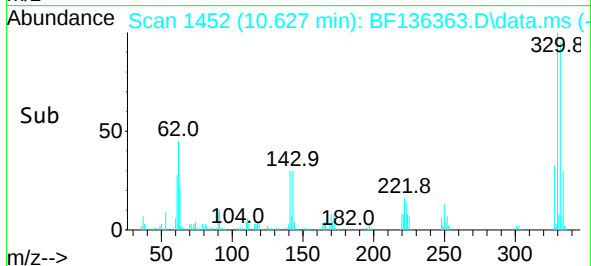
Tgt Ion:330 Resp: 12354
Ion Ratio Lower Upper
330 100
332 97.4 73.0 109.6
141 29.9 24.2 36.2

Manual Integrations

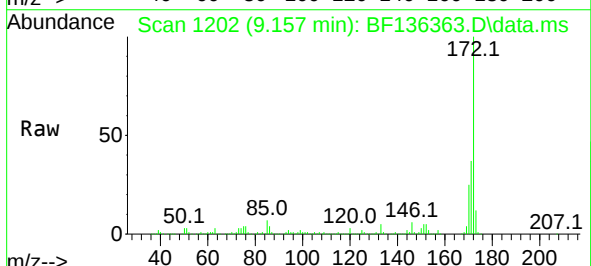
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Reviewed By :Yogesh Patel 12/04/2023

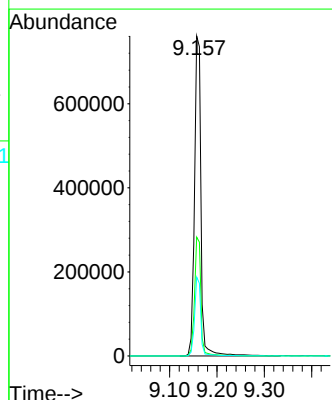
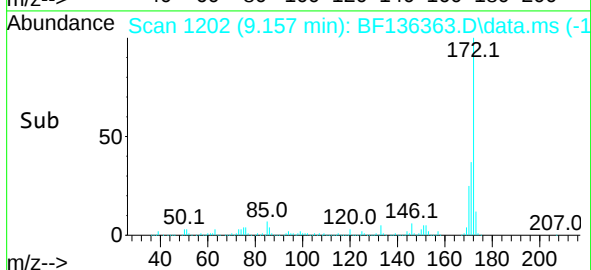
Supervised By :mohammad ahmed 12/05/2023



#45
2-Fluorobiphenyl
Concen: 57.122 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15



Tgt Ion:172 Resp: 727076
Ion Ratio Lower Upper
172 100
171 37.2 31.5 47.3
170 24.7 20.8 31.2





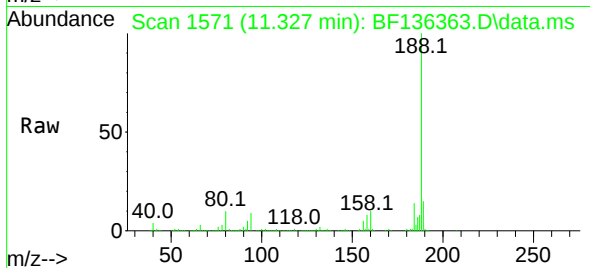
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

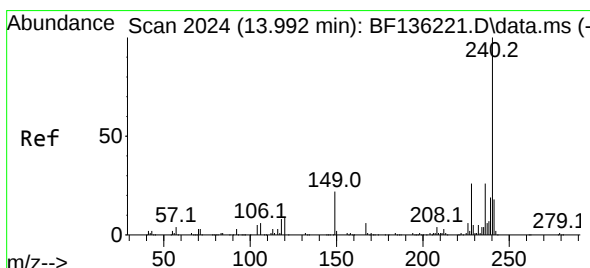
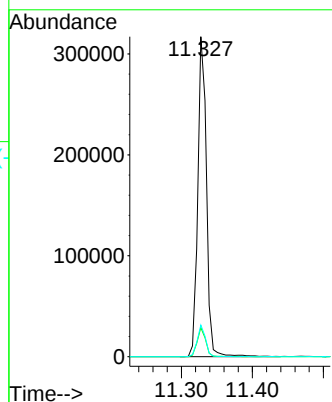
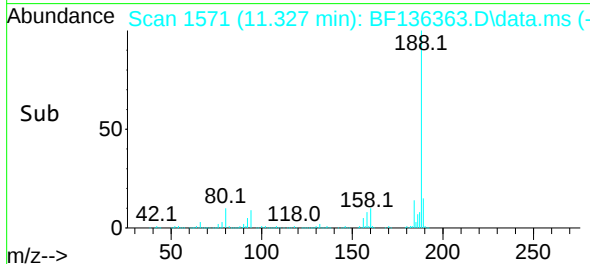


Tgt Ion:188 Resp: 270180
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.9 7.2 10.8

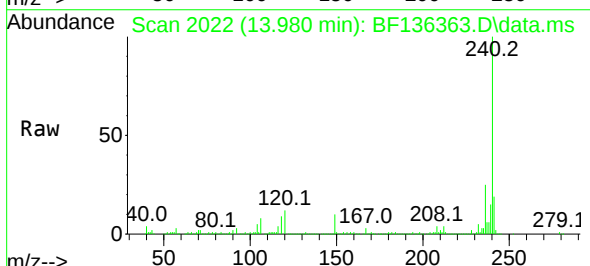
Manual Integrations

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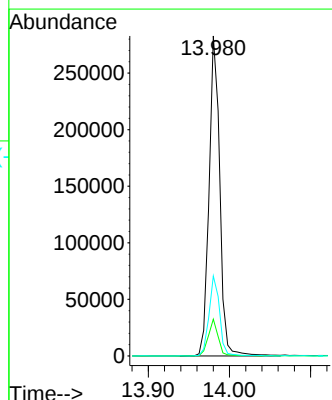
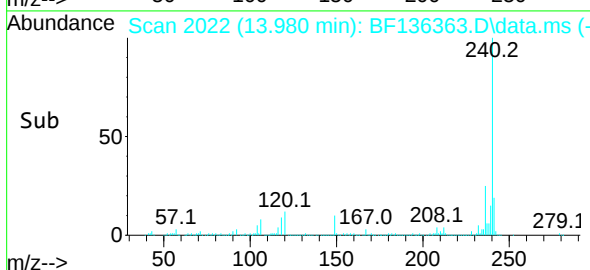
Reviewed By :Yogesh Patel 12/04/2023
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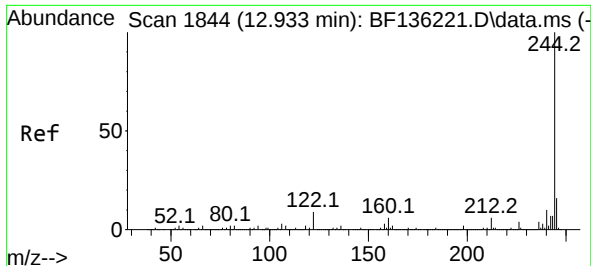


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15



Tgt Ion:240 Resp: 258625
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.2#
236 25.0 21.1 31.7





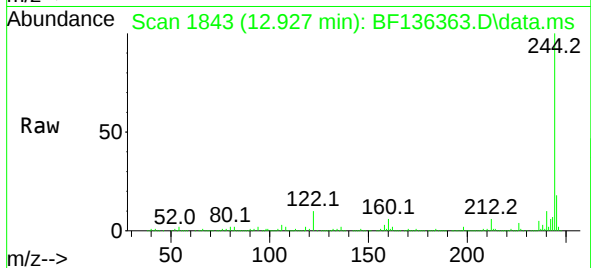
#79
 Terphenyl-d14
 Concen: 32.555 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

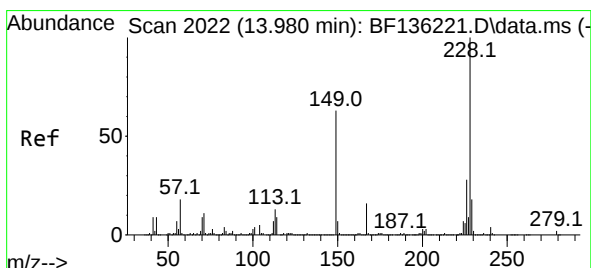
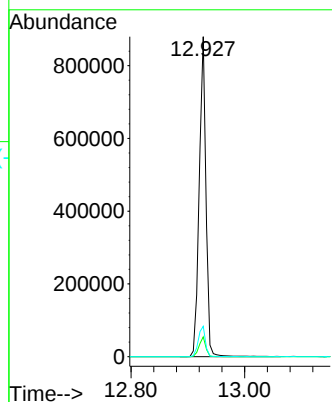
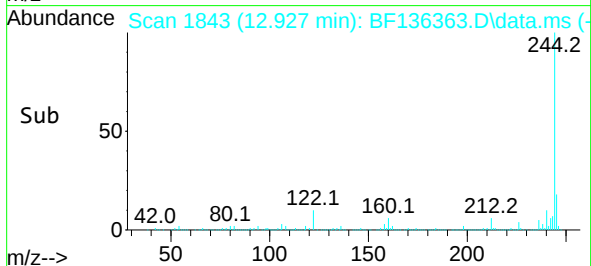


Tgt Ion:244 Resp: 729928
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.5 7.3 10.9

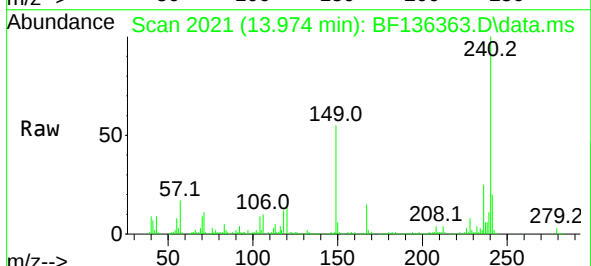
Manual Integrations

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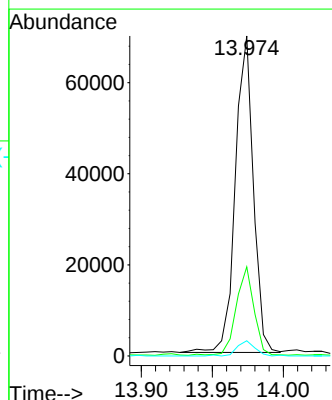
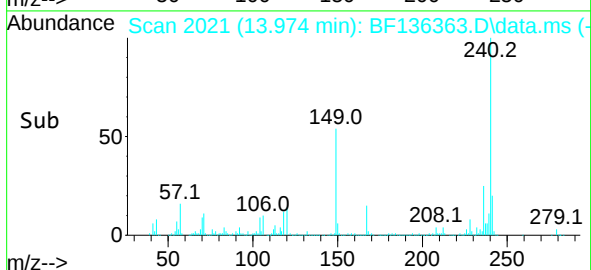
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

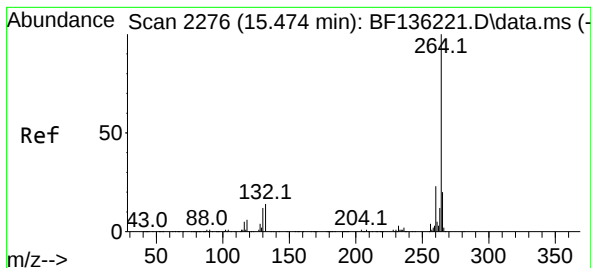


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.823 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15



Tgt Ion:149 Resp: 61600
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.2 30.2
 279 4.7 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

Tgt Ion:264 Resp: 214500

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

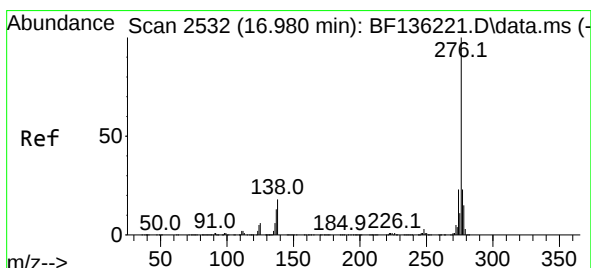
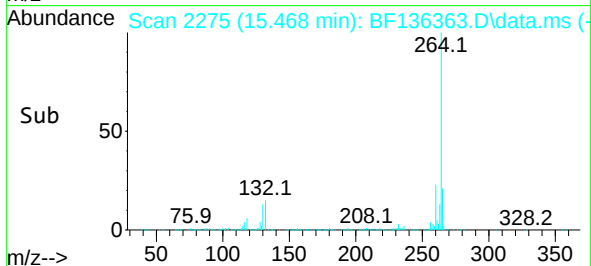
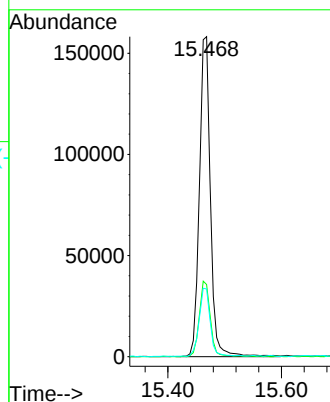
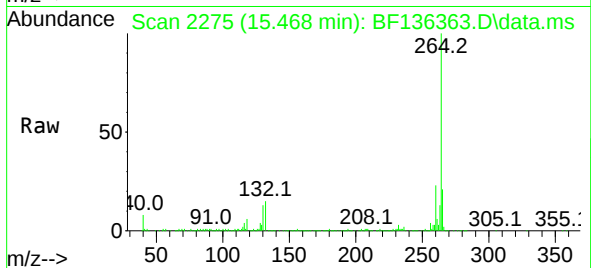
265 21.2 15.7 23.5

Manual Integrations

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Supervised By :mohammad ahmed 12/05/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.260 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.018 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

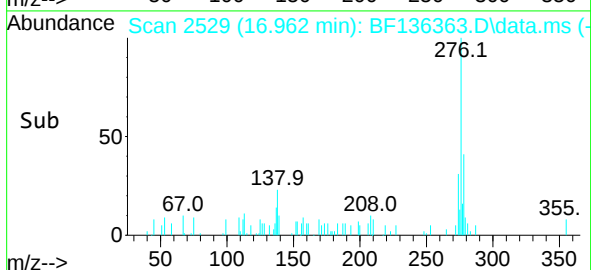
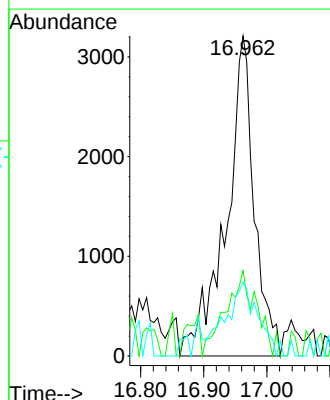
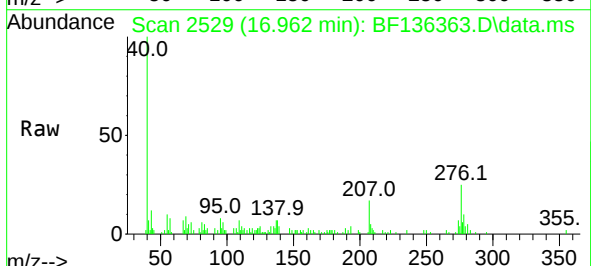
Tgt Ion:276 Resp: 9866

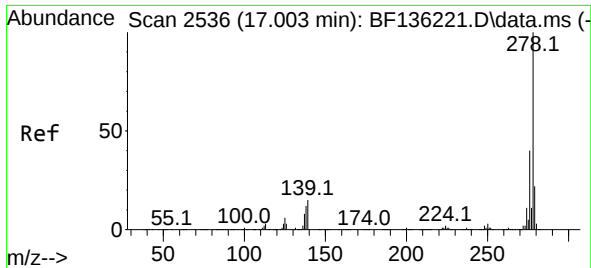
Ion Ratio Lower Upper

276 100

138 27.6 17.7 26.5#

277 26.6 19.6 29.4





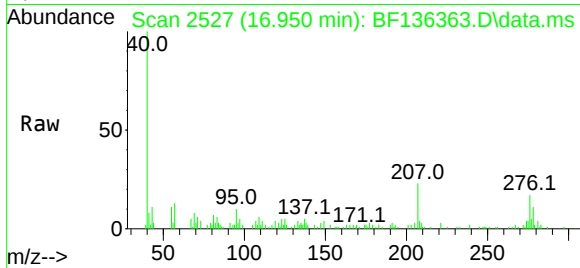
#91
Dibenzo(a,h)anthracene
Concen: 3.180 ng m
RT: 16.950 min Scan# 21
Delta R.T. -0.053 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

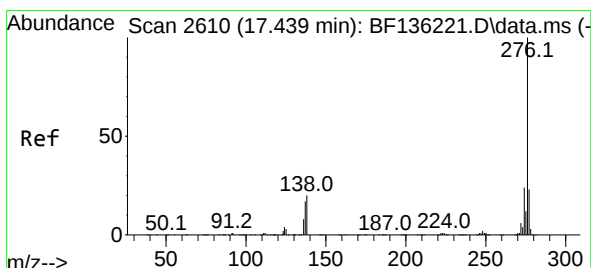
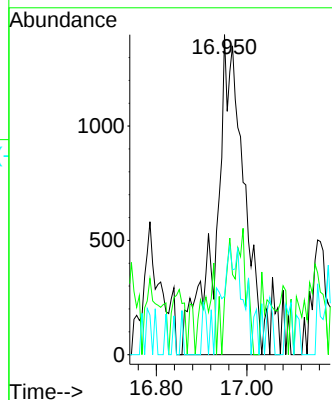
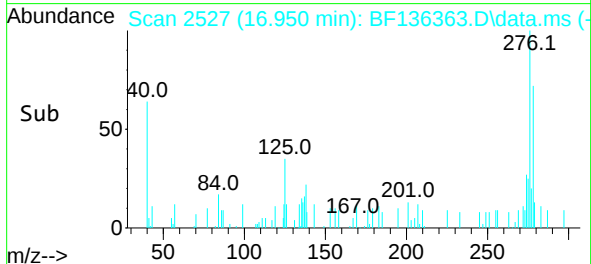


Tgt Ion:278 Resp: 6370
Ion Ratio Lower Upper
278 100
139 17.4 11.7 17.5
279 18.3 17.8 26.8

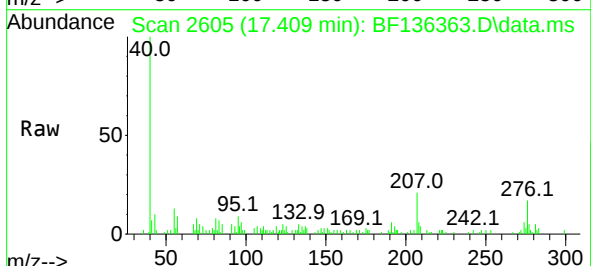
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 2.476 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.030 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15



Tgt Ion:276 Resp: 7731
Ion Ratio Lower Upper
276 100
277 27.8 18.6 27.8#
138 18.6 15.8 23.8

