

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136128.D
 Acq On : 03 Nov 2023 17:09
 Operator : CG\JU
 Sample : 05141-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 04 00:09:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	109467	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	410556	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	199784	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	322274	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	237325	20.000	ng	-0.01
86) Perylene-d12	15.492	264	307247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	458807	65.862	ng	0.00
7) Phenol-d6	6.445	99	574050	66.139	ng	-0.01
23) Nitrobenzene-d5	7.375	82	361358	53.059	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	136787	64.146	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	650493	51.904	ng	-0.01
79) Terphenyl-d14	12.945	244	585447	38.336	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.563	202	57552	3.452	ng	98
78) Pyrene	12.792	202	51172	2.446	ng	99
88) Benzo(b)fluoranthene	15.051	252	44154m	2.429	ng	
92) Benzo(g,h,i)perylene	17.445	276	22537	4.026	ng	95

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

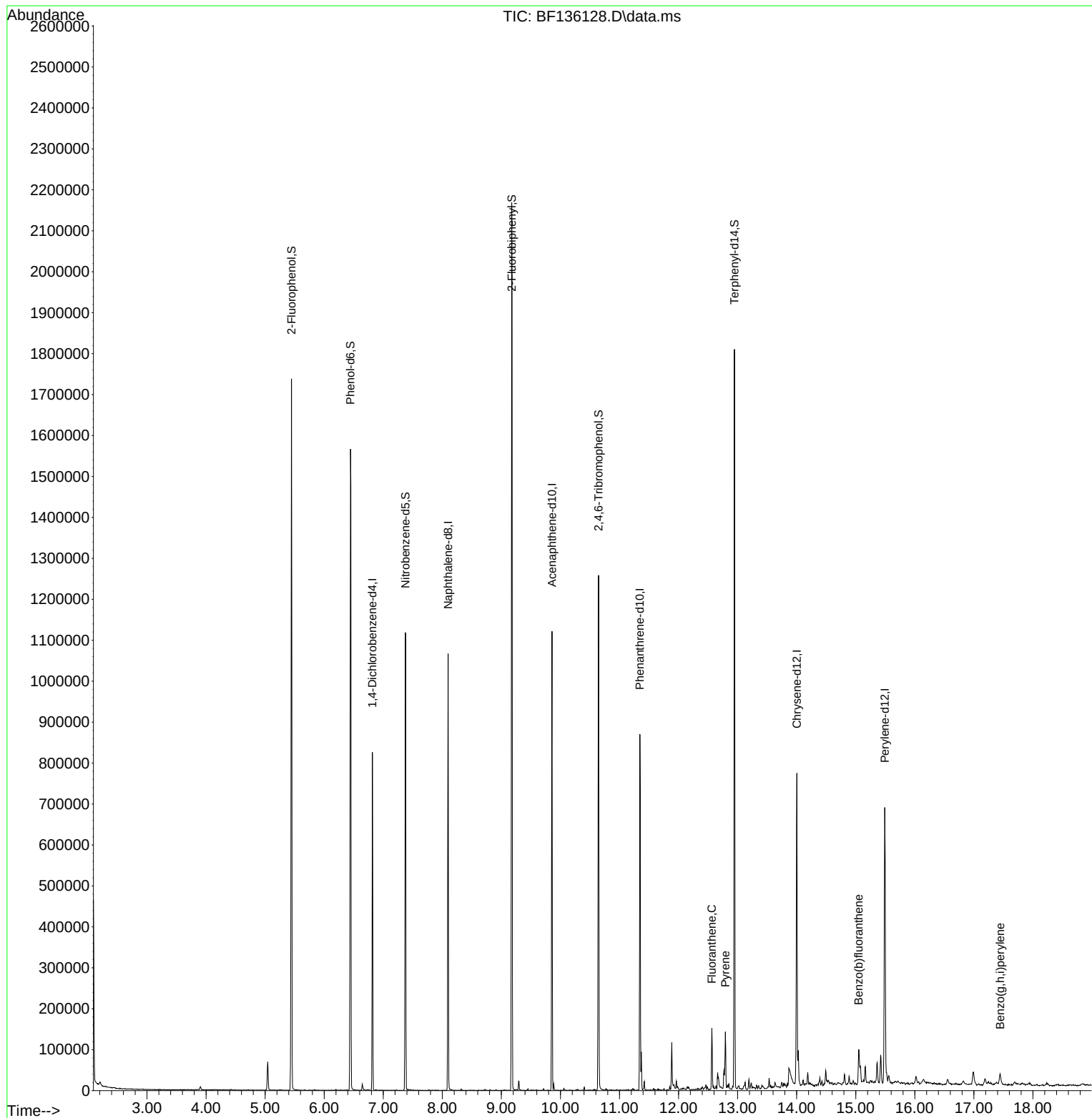
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136128.D
Acq On : 03 Nov 2023 17:09
Operator : CG\JU
Sample : 05141-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

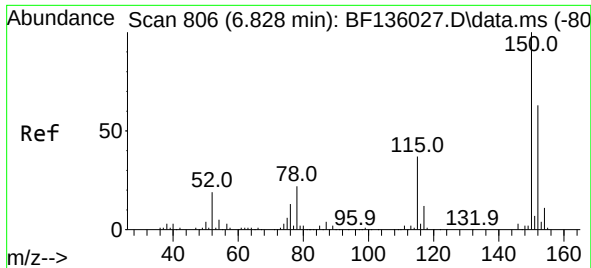
Instrument :
BNA_F
ClientSampleId :
PE-1

Quant Time: Nov 04 00:09:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

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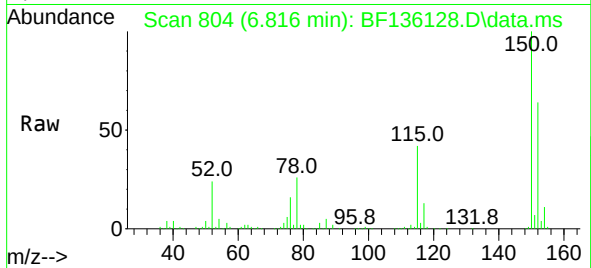
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

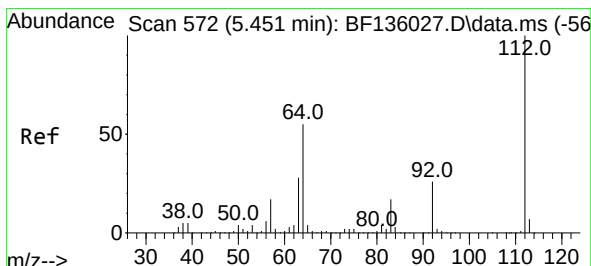
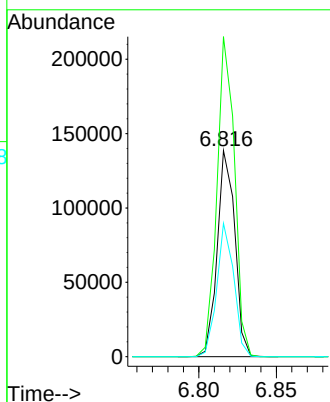
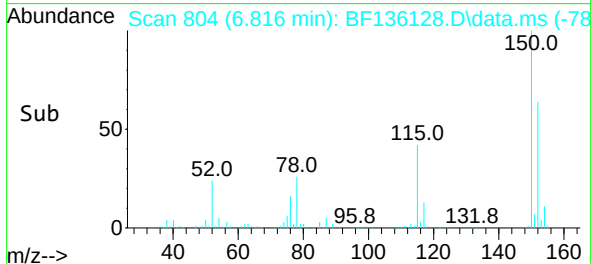
Instrument :
BNA_F
ClientSampleId :
PE-1



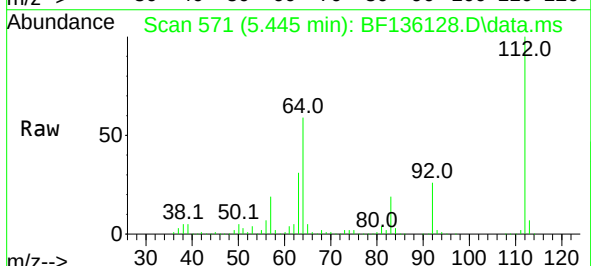
Tgt Ion:152 Resp: 10946
Ion Ratio Lower Upper
152 100
150 155.3 126.4 189.6
115 64.7 47.0 70.4

Manual Integrations
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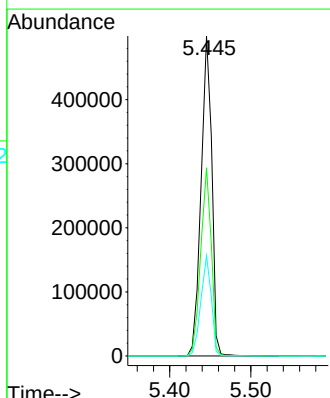
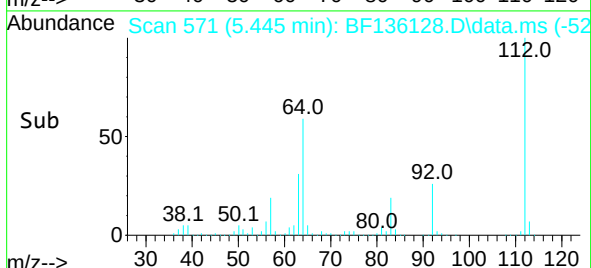
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

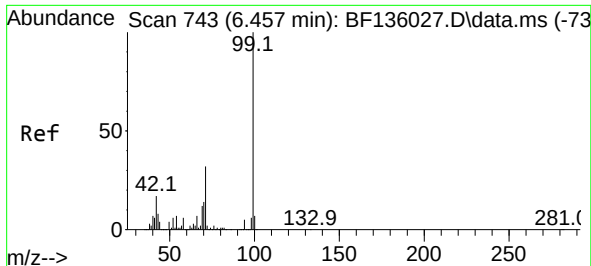


#5
2-Fluorophenol
Concen: 65.862 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09



Tgt Ion:112 Resp: 458807
Ion Ratio Lower Upper
112 100
64 58.8 43.9 65.9
63 31.3 22.4 33.6





#7

Phenol-d6

Concen: 66.139 ng

RT: 6.445 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

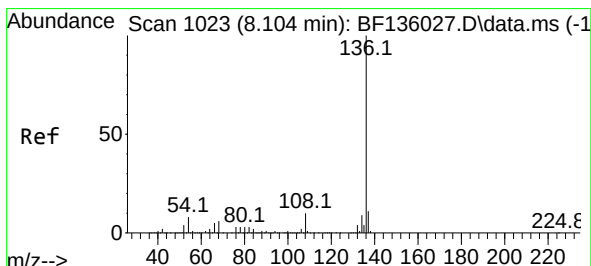
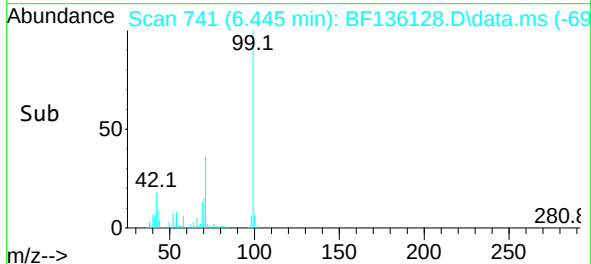
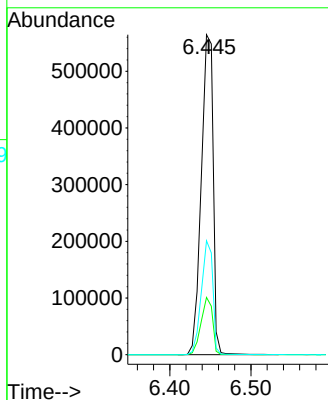
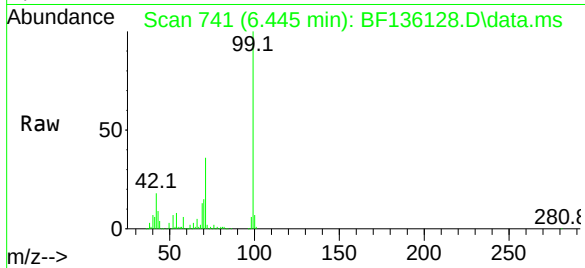
Tgt Ion: 99	Resp: 574050
Ion Ratio	Lower Upper
99 100	
42 17.9	13.7 20.5
71 35.6	25.9 38.9

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#21

Naphthalene-d8

Concen: 20.000 ng

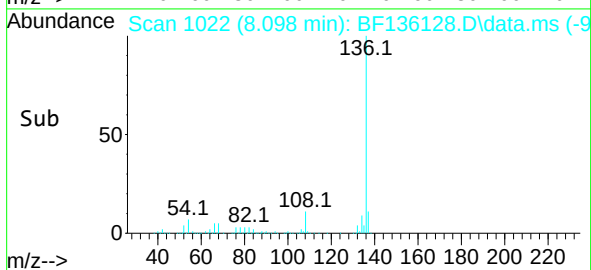
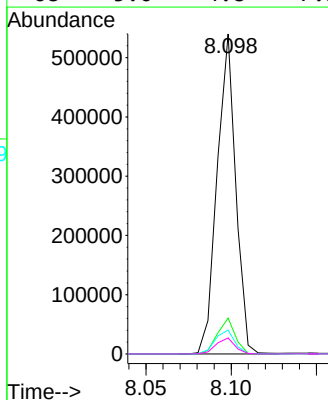
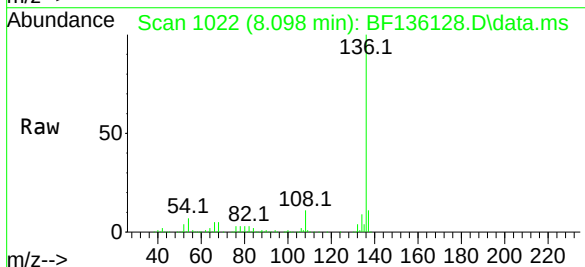
RT: 8.098 min Scan# 1022

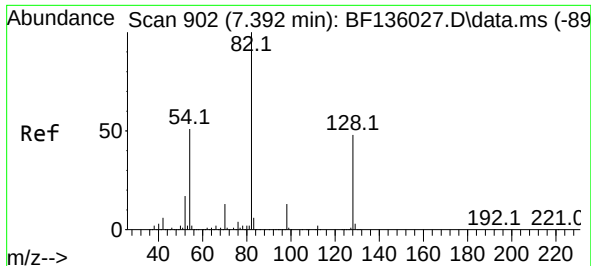
Delta R.T. -0.006 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Tgt Ion:136	Resp: 410556
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 7.4	6.6 9.8
68 5.0	4.8 7.2





#23

Nitrobenzene-d5

Concen: 53.059 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.018 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

Tgt Ion: 82 Resp: 361358

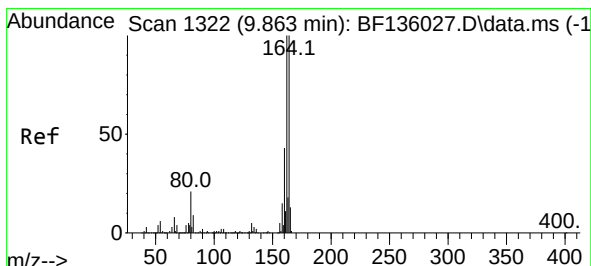
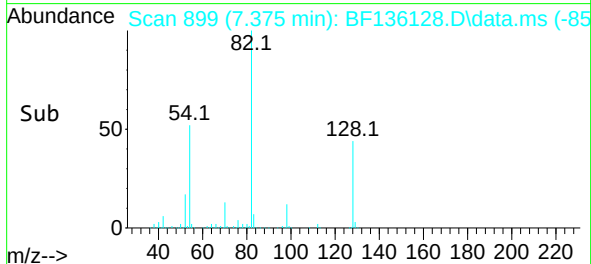
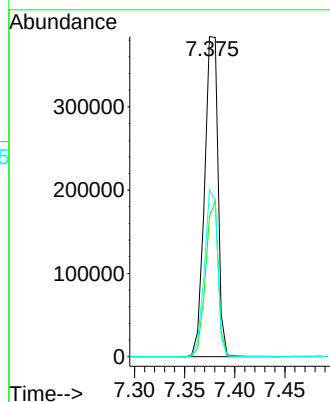
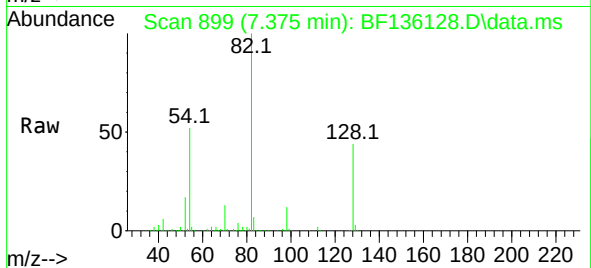
Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.6	57.8
54	52.2	40.8	61.2

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

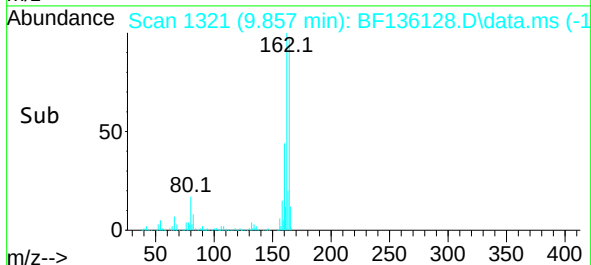
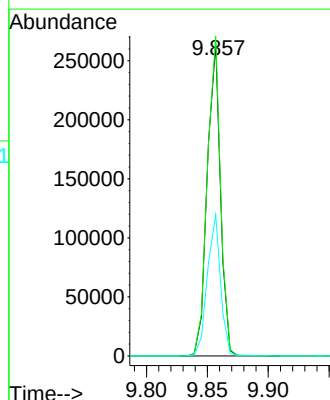
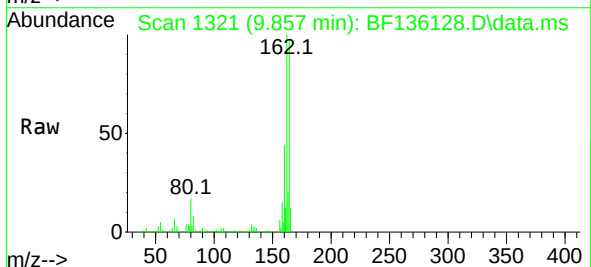
Delta R.T. -0.006 min

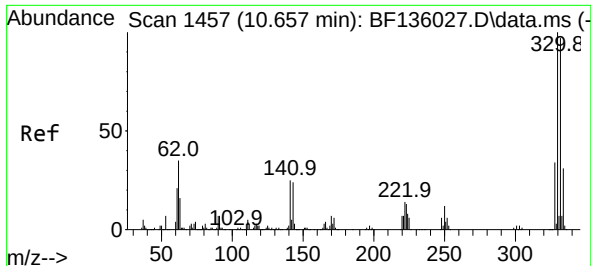
Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Tgt Ion:164 Resp: 199784

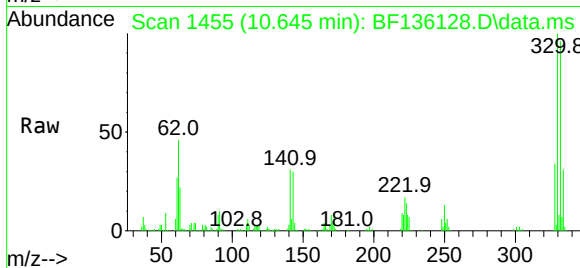
Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.1	120.1
160	45.3	34.8	52.2





#42
2,4,6-Tribromophenol
Concen: 64.146 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

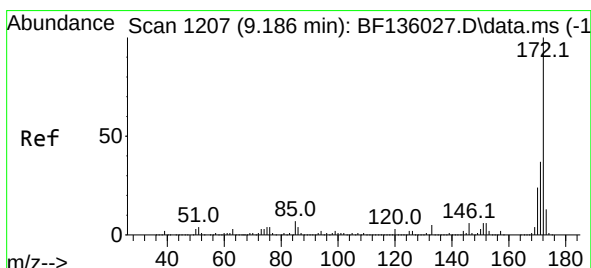
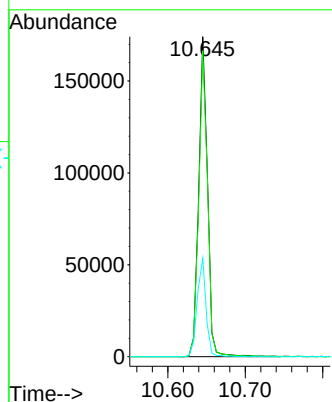
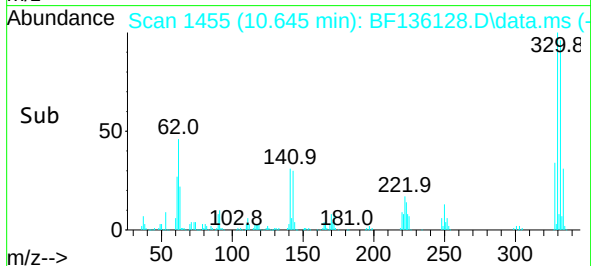
Instrument :
BNA_F
ClientSampleId :
PE-1



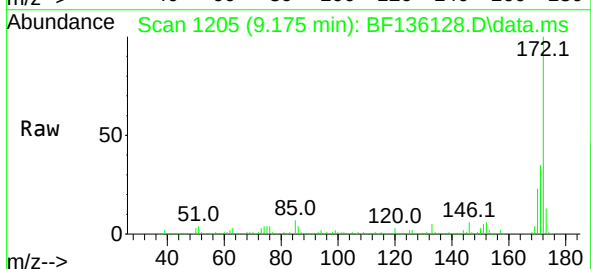
Tgt Ion:330 Resp: 13678
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 31.2 23.2 34.8

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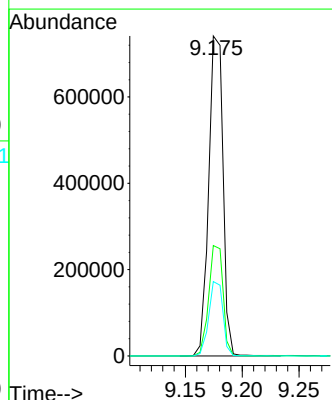
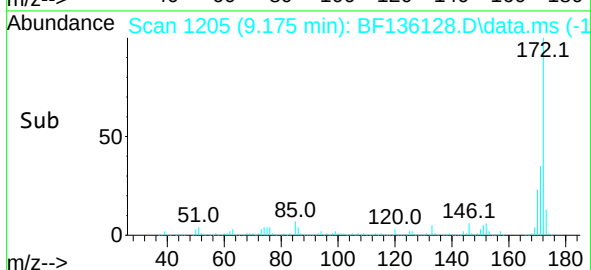
Reviewed By :Yogesh Patel 11/04/2023
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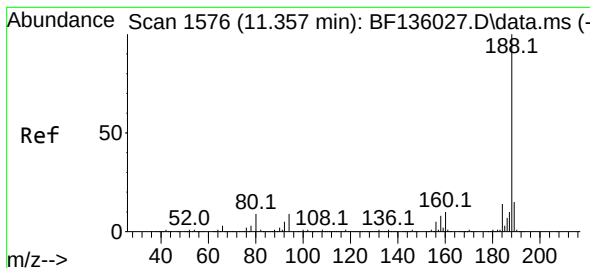


#45
2-Fluorobiphenyl
Concen: 51.904 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09



Tgt Ion:172 Resp: 650493
Ion Ratio Lower Upper
172 100
171 34.5 29.4 44.0
170 23.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

Tgt Ion:188 Resp: 322274

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

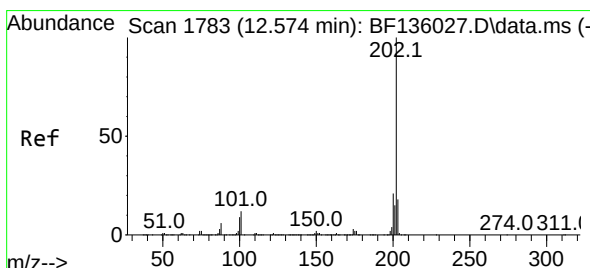
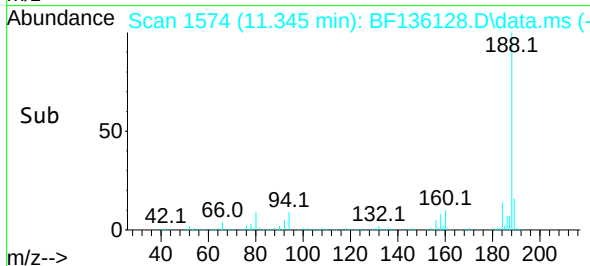
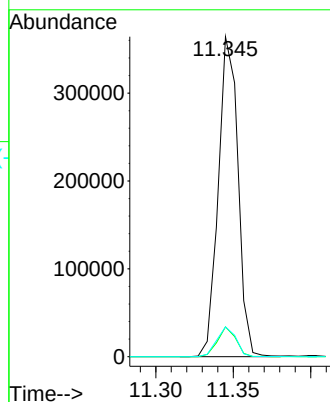
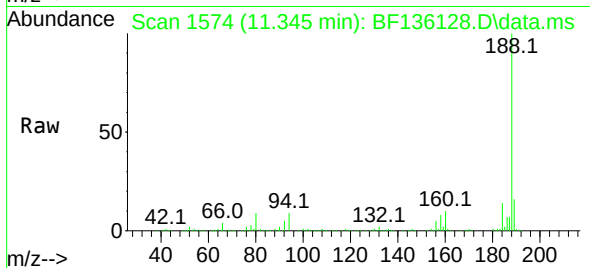
80 9.3 7.4 11.0

Manual Integrations

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#75

Fluoranthene

Concen: 3.452 ng

RT: 12.563 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

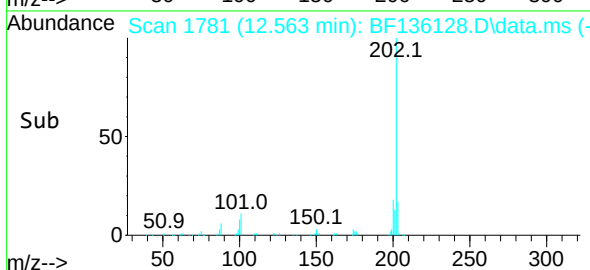
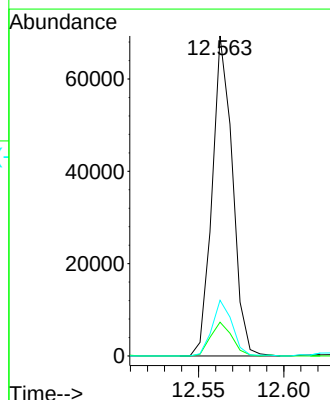
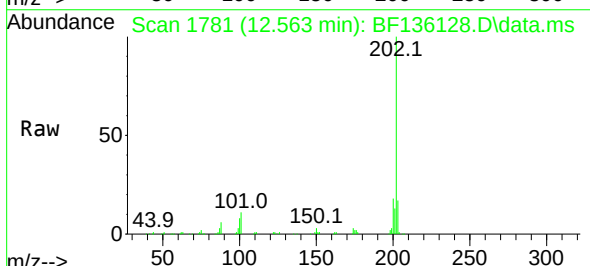
Tgt Ion:202 Resp: 57552

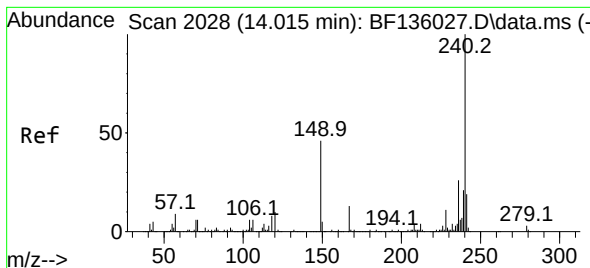
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.8

203 17.4 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PE-1

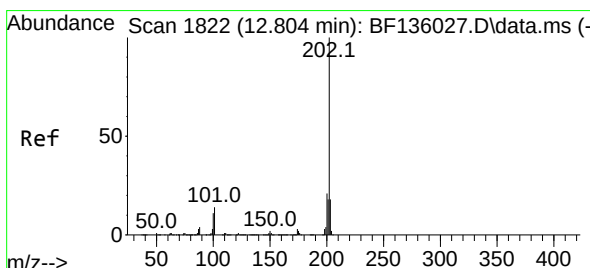
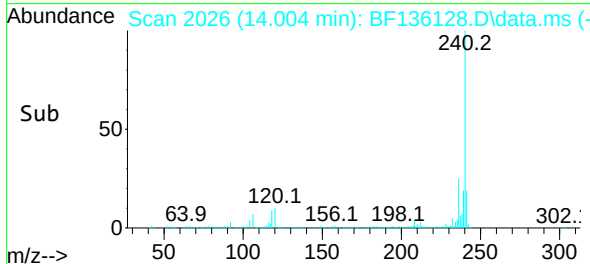
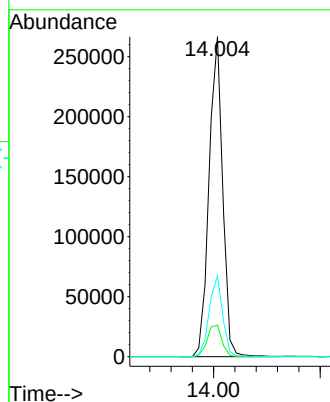
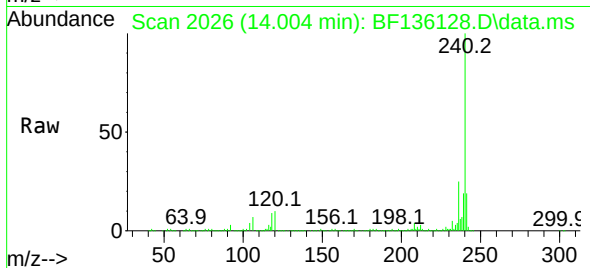
Tgt Ion:240 Resp: 237325
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.6 11.4
 236 25.4 20.6 31.0

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#78

Pyrene

Concen: 2.446 ng

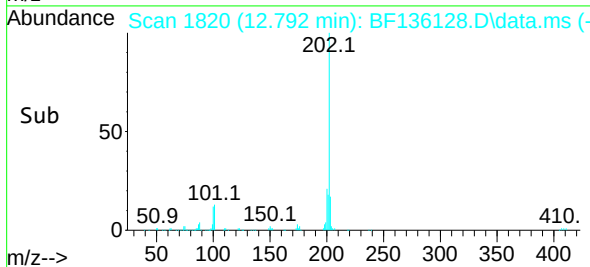
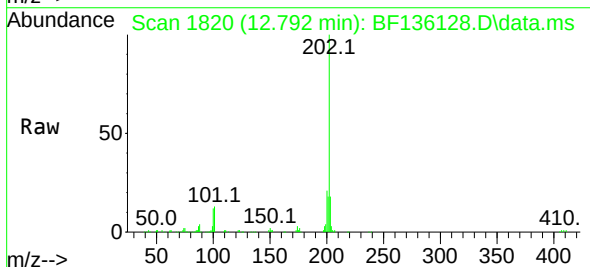
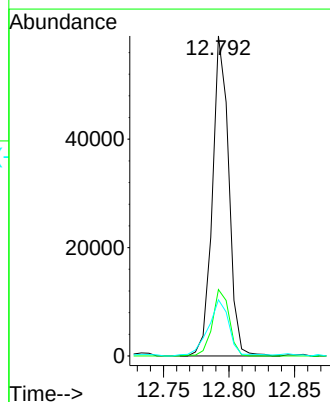
RT: 12.792 min Scan# 1820

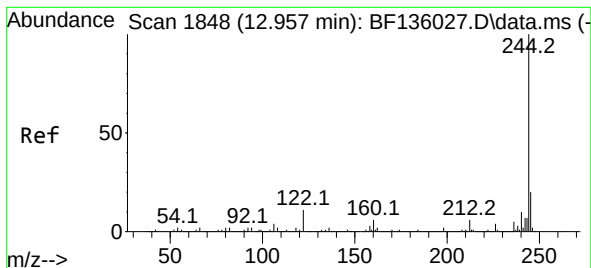
Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Tgt Ion:202 Resp: 51172
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.0 25.4
 203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 38.336 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Instrument :

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PE-1

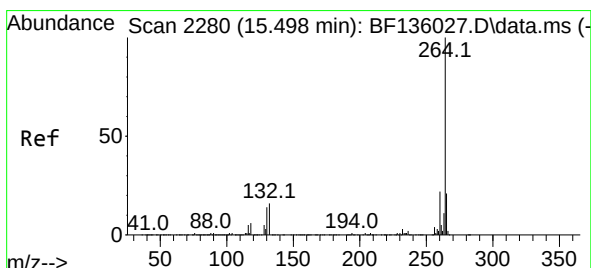
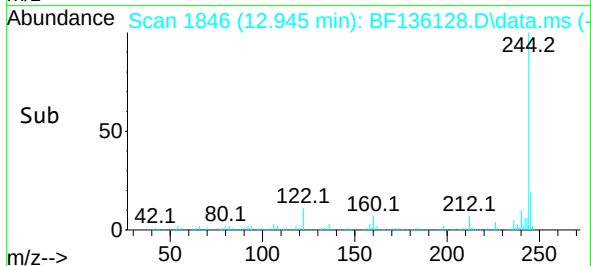
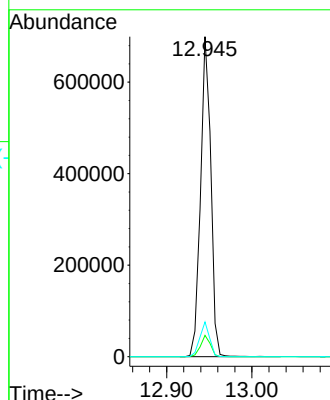
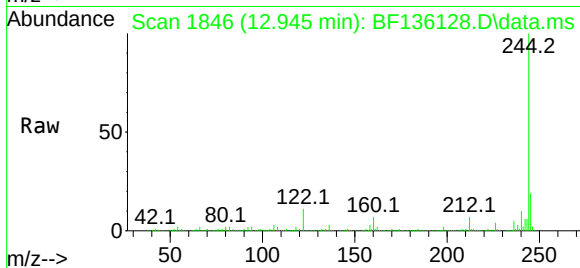
Tgt Ion:244 Resp: 58544

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	10.8	8.6	12.8

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

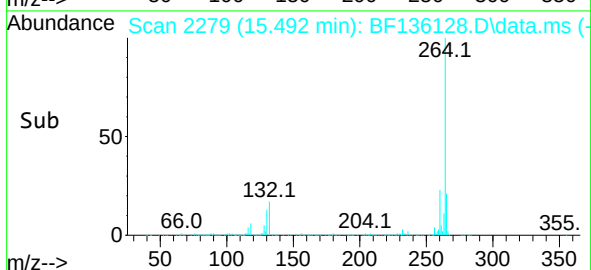
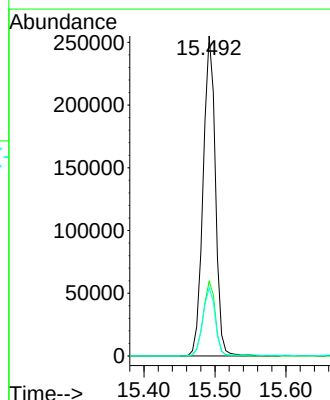
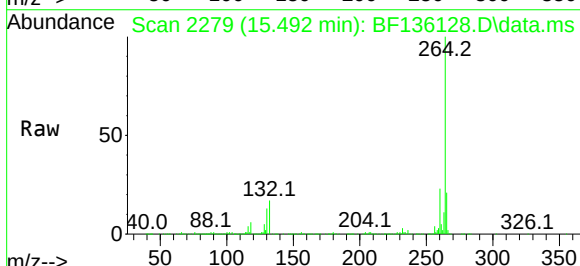
Delta R.T. -0.006 min

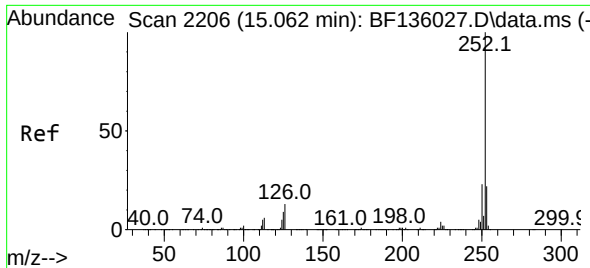
Lab File: BF136128.D

Acq: 03 Nov 2023 17:09

Tgt Ion:264 Resp: 307247

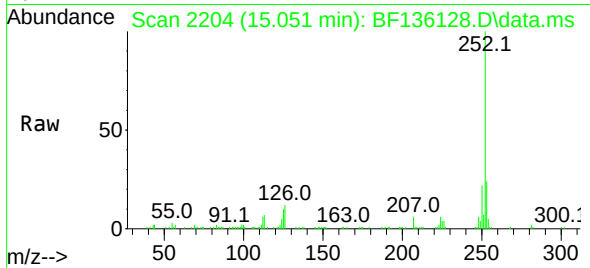
Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	16.8	25.2





#88
Benzo(b)fluoranthene
Concen: 2.429 ng m
RT: 15.051 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09

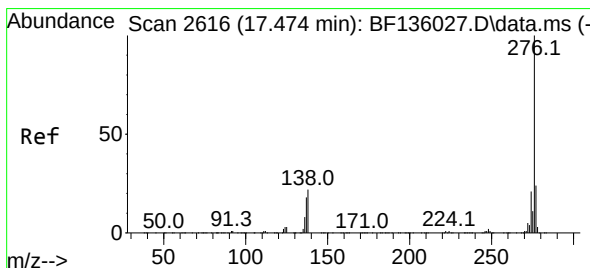
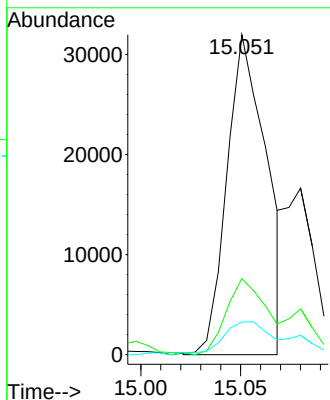
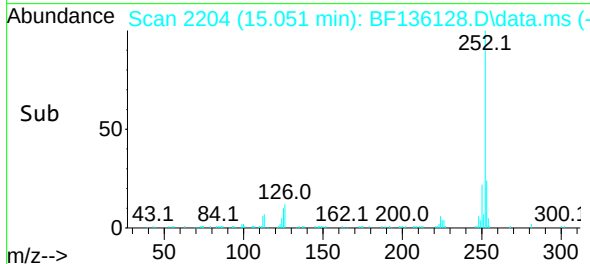
Instrument :
BNA_F
ClientSampleId :
PE-1



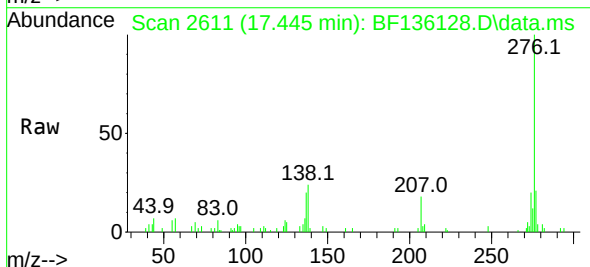
Tgt Ion:252 Resp: 44154
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 10.2 7.5 11.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#92
Benzo(g,h,i)perylene
Concen: 4.026 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.029 min
Lab File: BF136128.D
Acq: 03 Nov 2023 17:09



Tgt Ion:276 Resp: 22537
Ion Ratio Lower Upper
276 100
277 20.5 19.0 28.4
138 23.8 17.4 26.2

