

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133477.D
 Acq On : 24 May 2023 18:35
 Operator : CG\JU
 Sample : 02899-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC06

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 05:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	107751	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	414726	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	206644	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	413595	20.000	ng	0.00
76) Chrysene-d12	14.004	240	304750	20.000	ng	0.00
86) Perylene-d12	15.463	264	263632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	591179	89.685	ng	0.00
7) Phenol-d6	6.457	99	703625	88.795	ng	0.00
23) Nitrobenzene-d5	7.398	82	412143	68.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	186395	97.646	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	819425	55.790	ng	0.00
79) Terphenyl-d14	12.957	244	980951	61.542	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	89321	3.874	ng	99
78) Pyrene	12.804	202	80445	3.238	ng	98
81) Benzo(a)anthracene	13.992	228	52144	2.521	ng	95
83) Chrysene	14.027	228	42878	2.041	ng	98
88) Benzo(b)fluoranthene	15.033	252	47979m	2.928	ng	

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

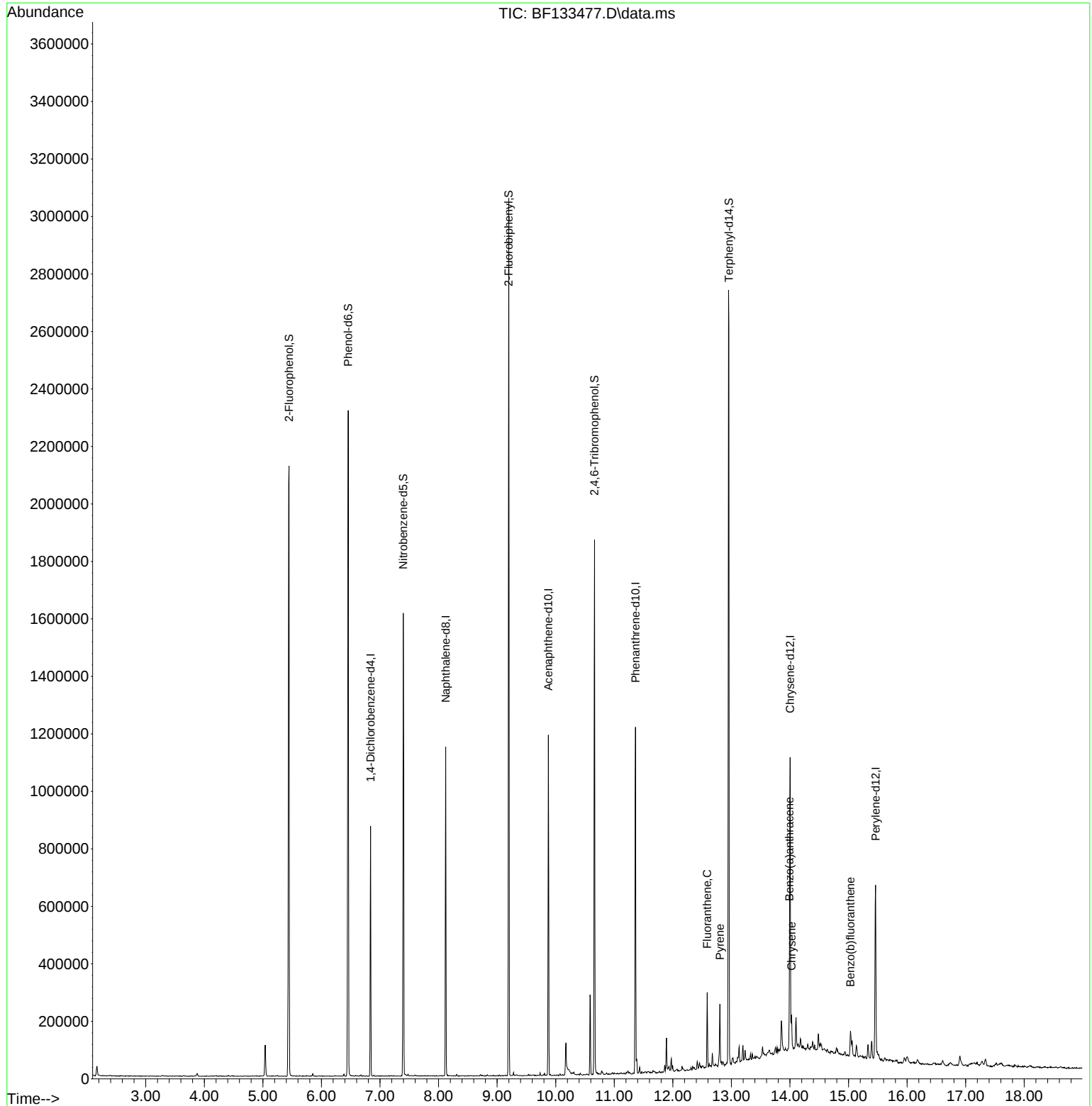
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
Data File : BF133477.D
Acq On : 24 May 2023 18:35
Operator : CG\JU
Sample : 02899-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

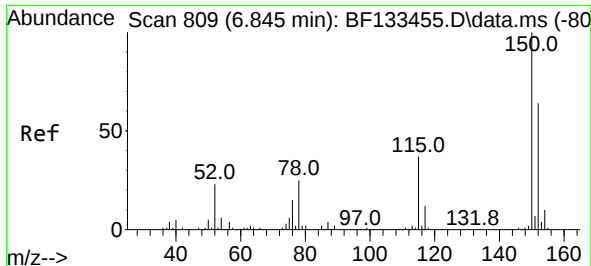
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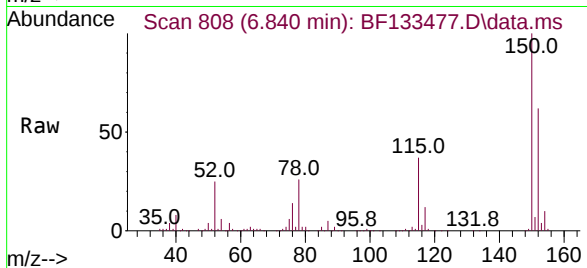
Quant Time: May 25 05:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

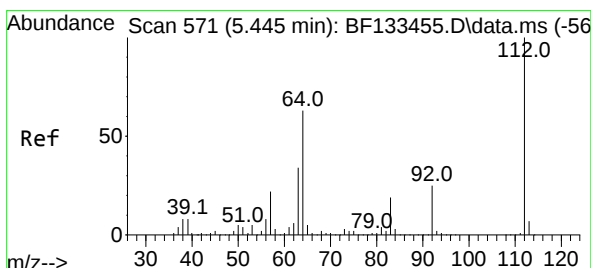
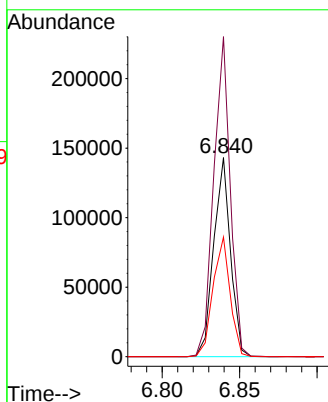
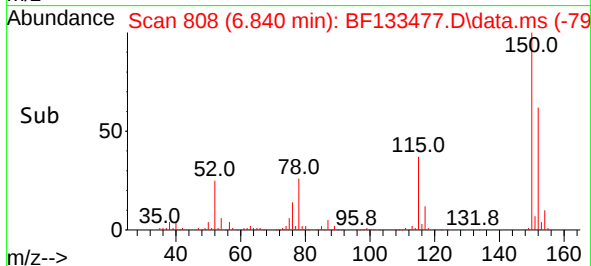
Instrument :
BNA_F
ClientSampleId :
WC06



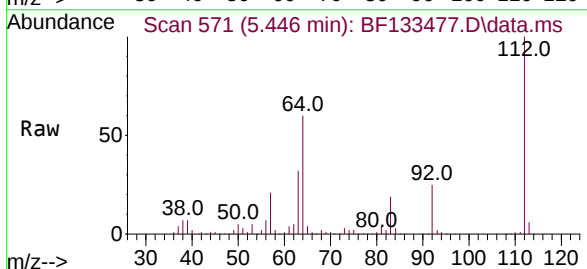
Tgt Ion:152 Resp: 10775
Ion Ratio Lower Upper
152 100
150 160.8 125.6 188.4
115 60.0 47.0 70.4

Manual Integrations
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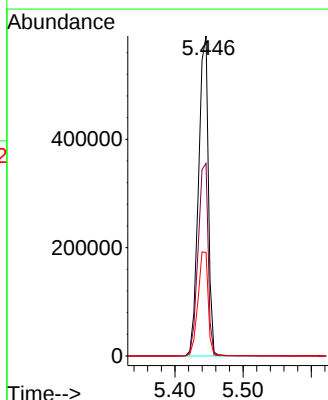
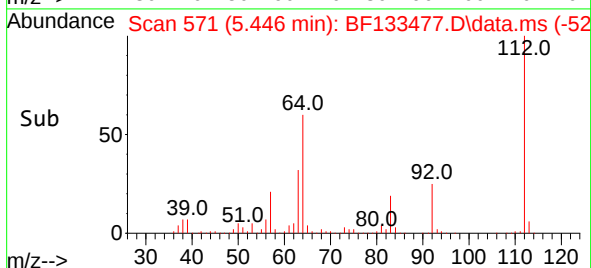
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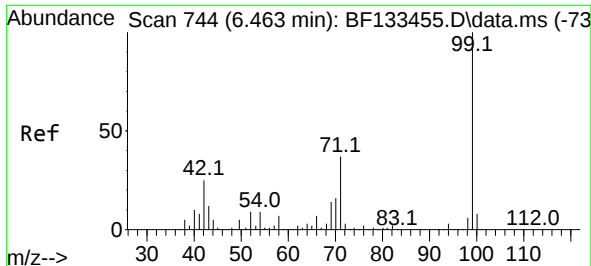


#5
2-Fluorophenol
Concen: 89.685 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35



Tgt Ion:112 Resp: 591179
Ion Ratio Lower Upper
112 100
64 60.1 50.2 75.4
63 32.4 27.2 40.8





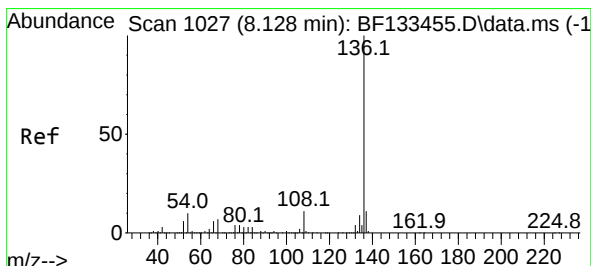
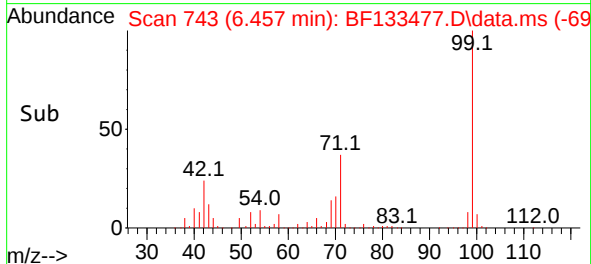
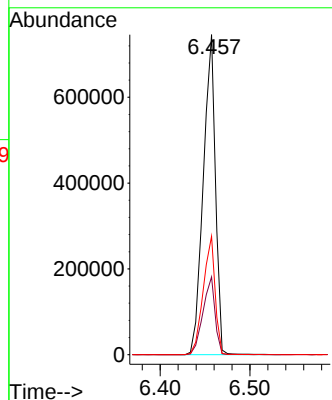
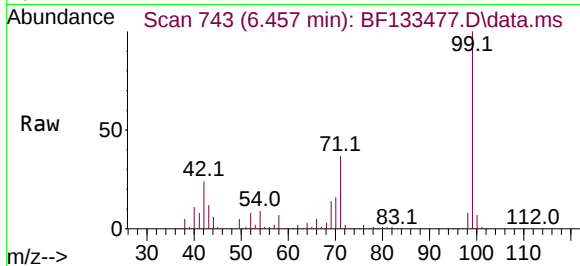
#7
Phenol-d6
Concen: 88.795 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

Instrument :
BNA_F
ClientSampleId :
WC06

Tgt Ion: 99 Resp: 703629
Ion Ratio Lower Upper
99 100
42 24.3 19.6 29.4
71 37.0 29.5 44.3

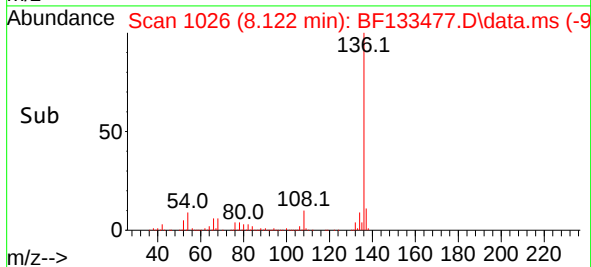
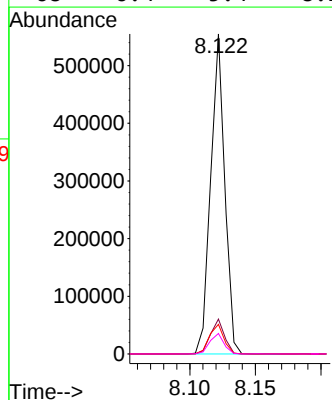
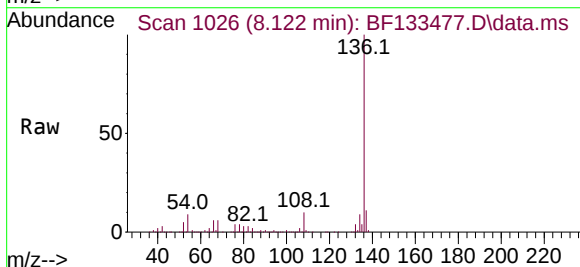
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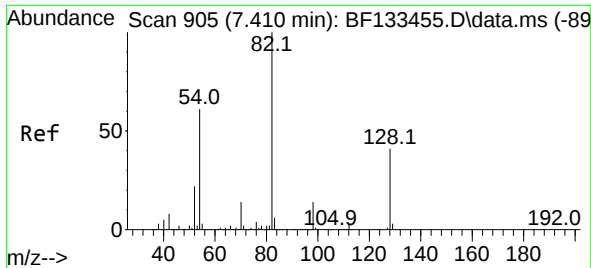
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

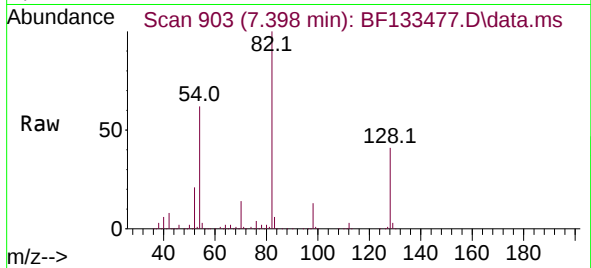
Tgt Ion:136 Resp: 414726
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.2 8.0 12.0
68 6.4 5.4 8.2





#23
Nitrobenzene-d5
Concen: 68.705 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

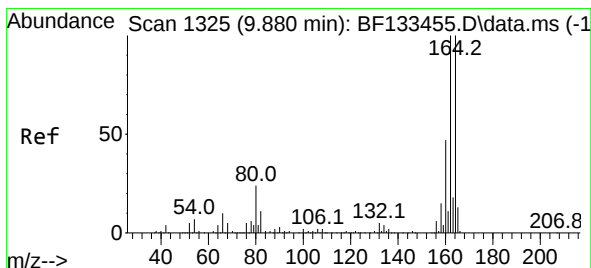
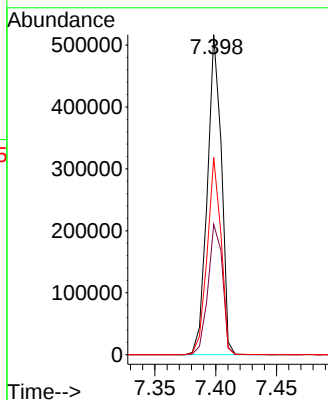
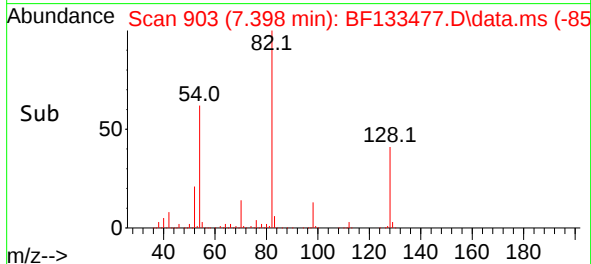
Instrument :
BNA_F
ClientSampleId :
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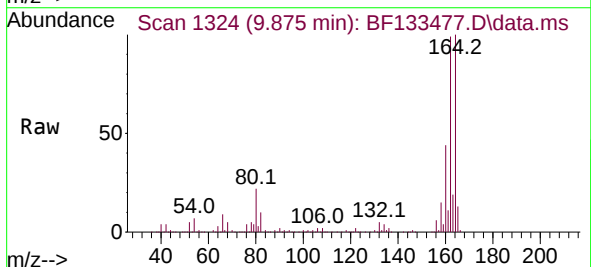
Tgt Ion: 82 Resp: 41214
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.6
54 61.6 48.5 72.7

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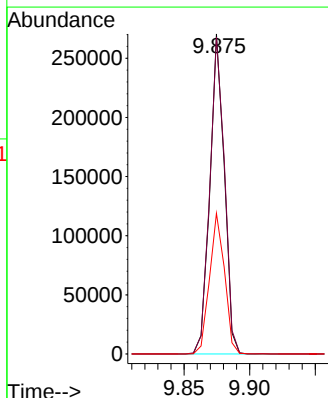
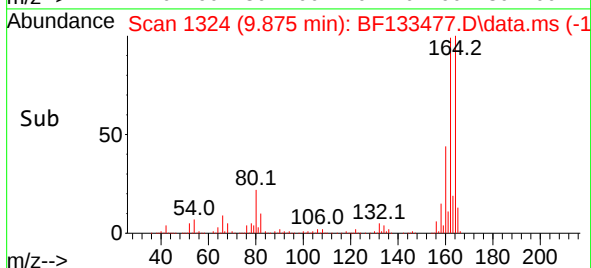
Reviewed By :Christian Giraldo 05/25/2023
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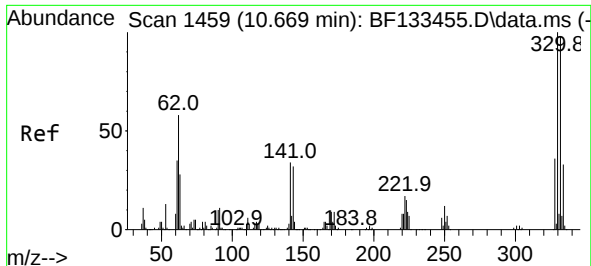


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35



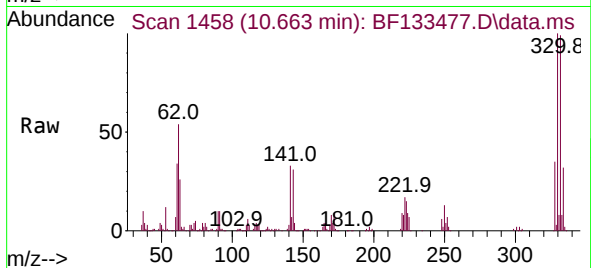
Tgt Ion:164 Resp: 206644
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 43.9 37.4 56.0





#42
2,4,6-Tribromophenol
Concen: 97.646 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

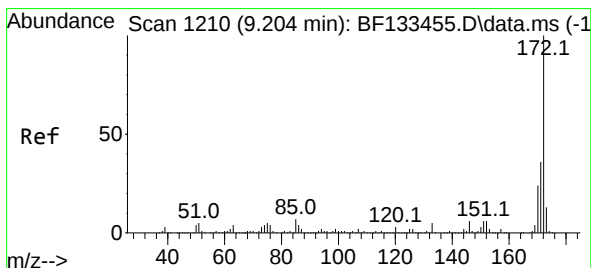
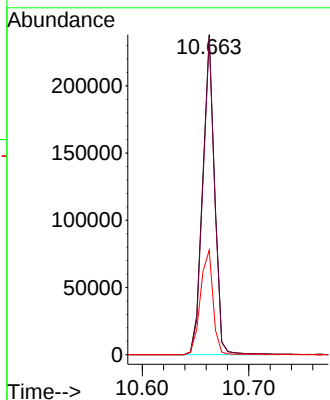
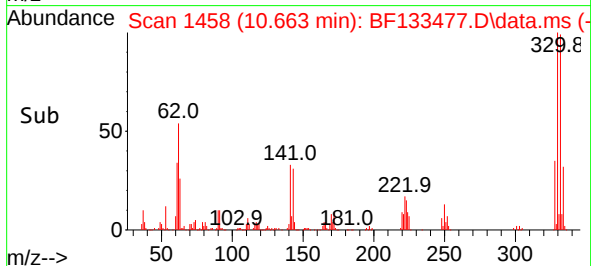
Instrument :
BNA_F
ClientSampleId :
WC06



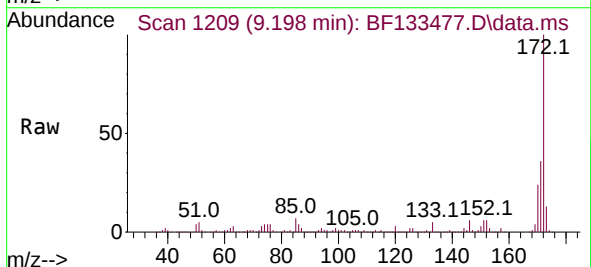
Tgt Ion: 330 Resp: 186395
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 34.7 28.5 42.7

Manual Integrations
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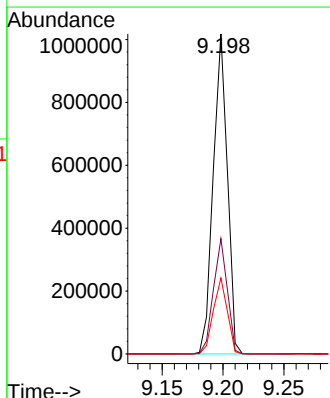
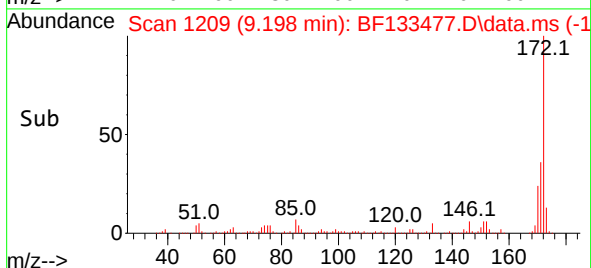
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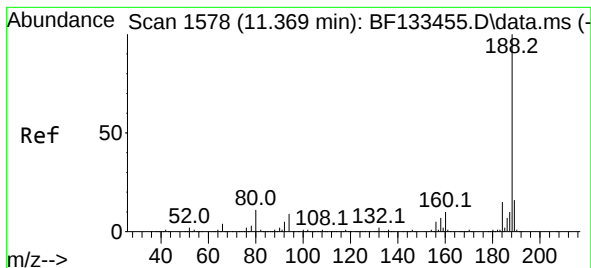


#45
2-Fluorobiphenyl
Concen: 55.790 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35



Tgt Ion: 172 Resp: 819425
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133477.D

Acq: 24 May 2023 18:35

Instrument :

BNA_F

ClientSampleId :

WC06

Tgt Ion:188 Resp: 41359

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

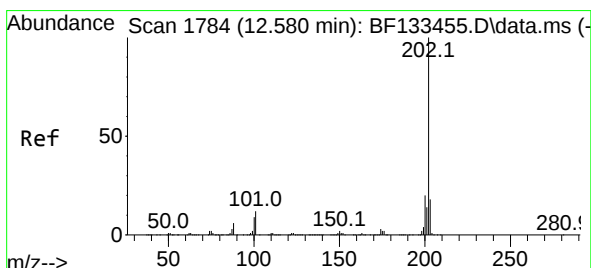
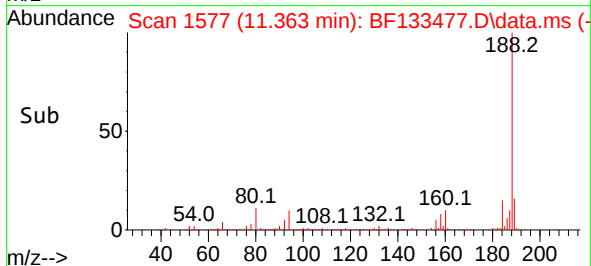
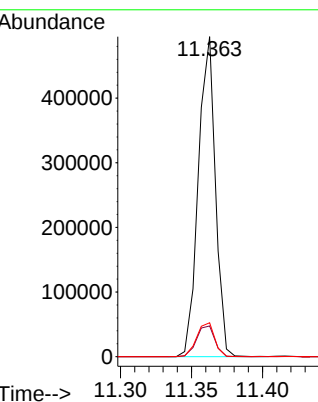
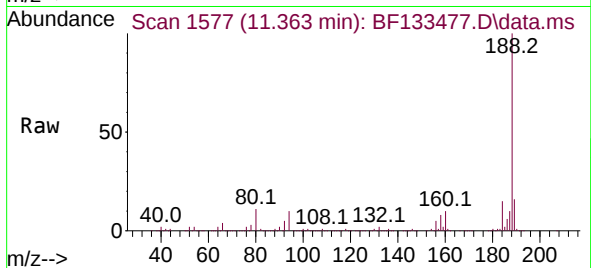
80 10.6 8.7 13.1

Manual Integrations

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#75

Fluoranthene

Concen: 3.874 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.006 min

Lab File: BF133477.D

Acq: 24 May 2023 18:35

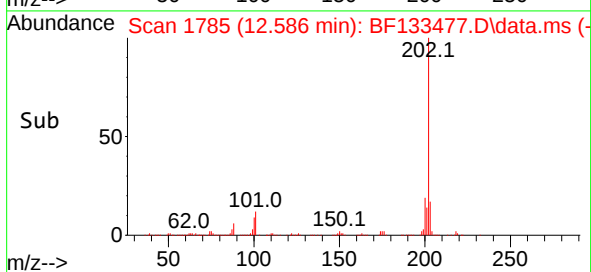
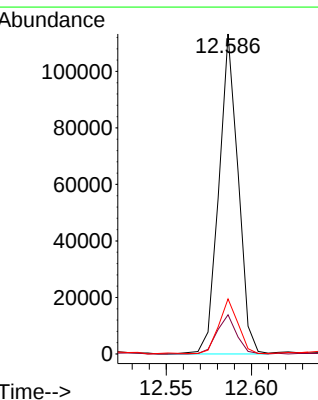
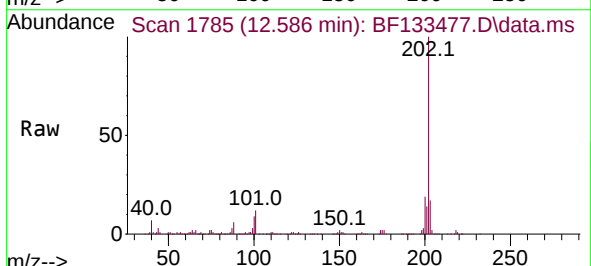
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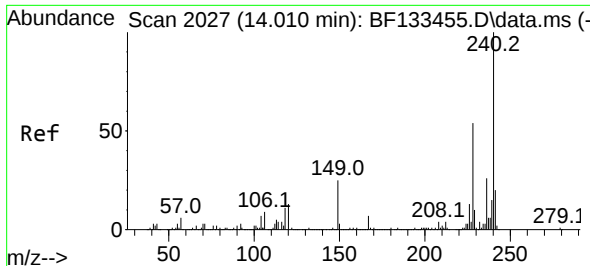
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.5

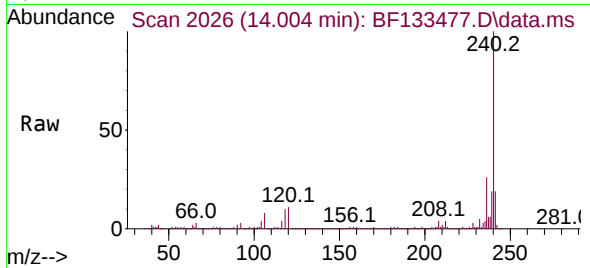
203 17.2 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

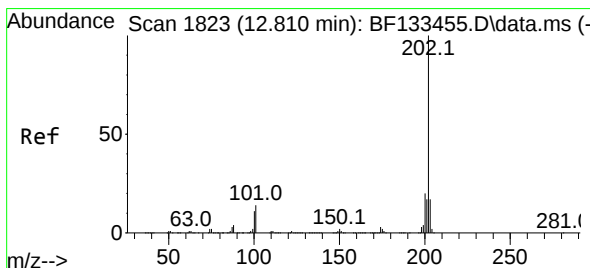
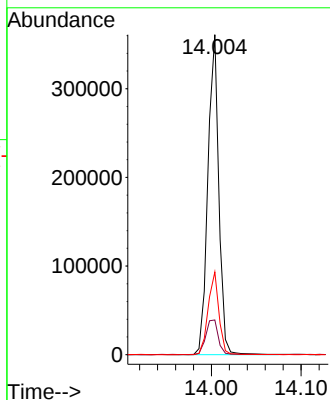
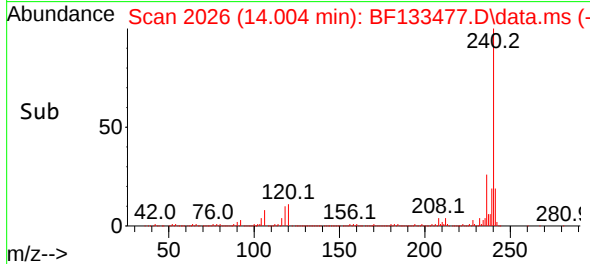
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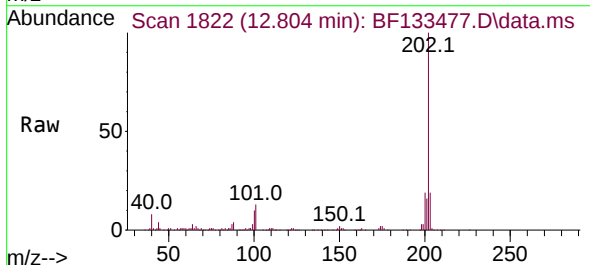
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Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.9 20.9 31.3

Manual Integrations
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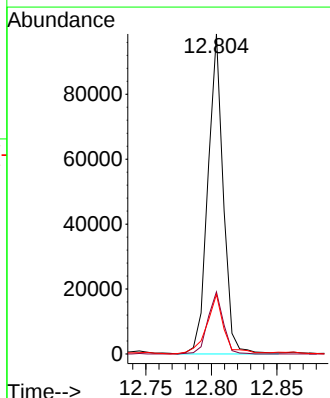
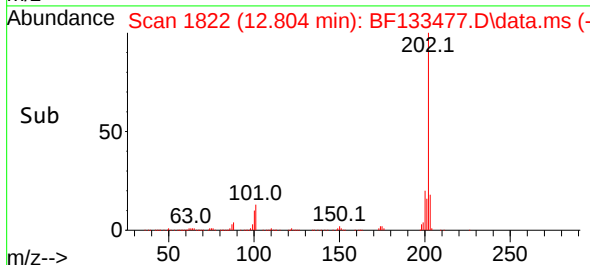
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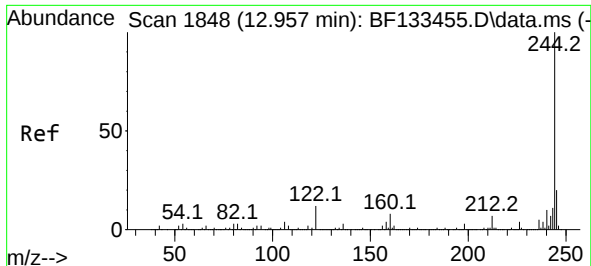


#78
Pyrene
Concen: 3.238 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35



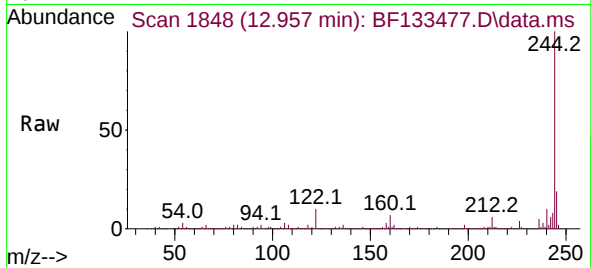
Tgt Ion:202 Resp: 80445
Ion Ratio Lower Upper
202 100
200 19.4 16.2 24.2
203 18.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 61.542 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133477.D
 Acq: 24 May 2023 18:35

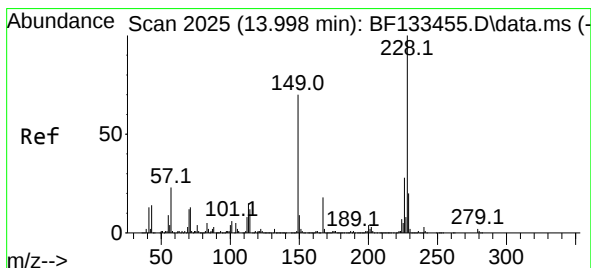
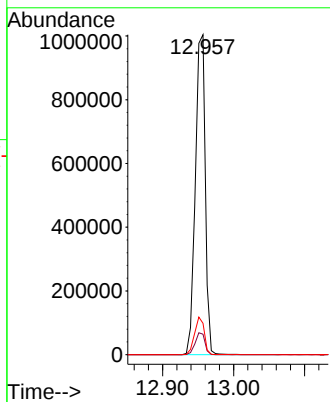
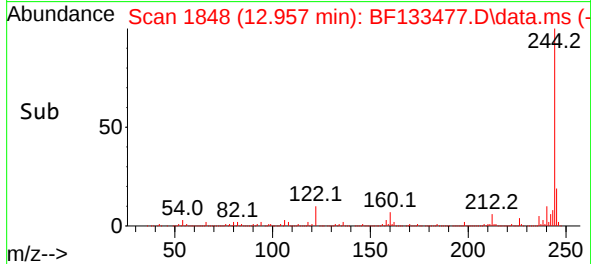
Instrument :
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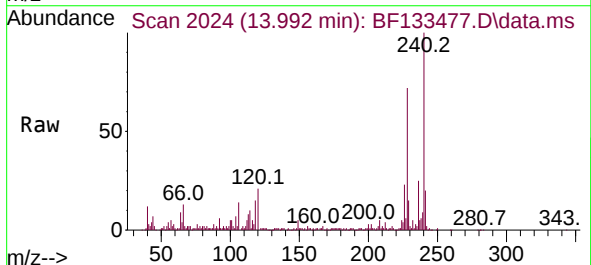
Tgt Ion:244 Resp: 98095
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.8 9.4 14.0

Manual Integrations
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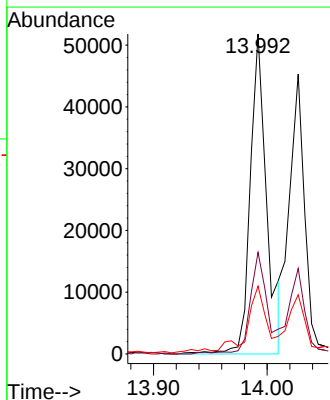
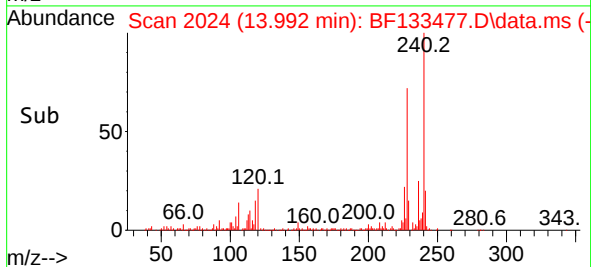
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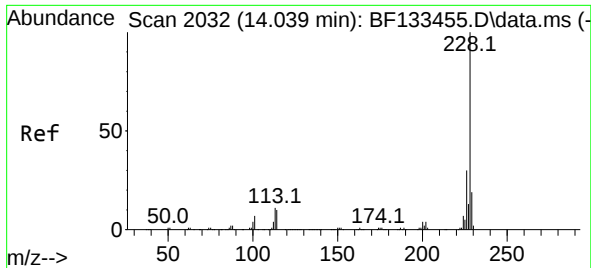


#81
 Benzo(a)anthracene
 Concen: 2.521 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF133477.D
 Acq: 24 May 2023 18:35



Tgt Ion:228 Resp: 52144
 Ion Ratio Lower Upper
 228 100
 226 31.8 22.2 33.4
 229 21.2 16.3 24.5





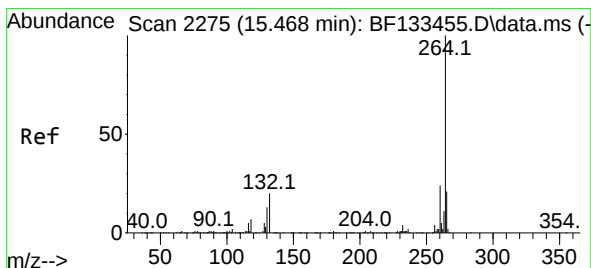
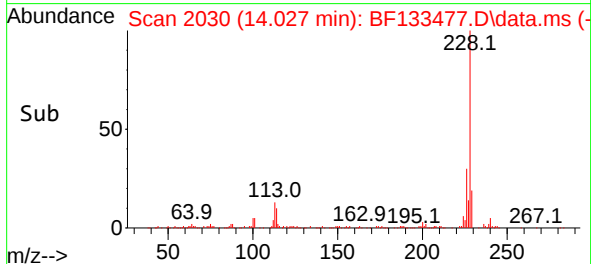
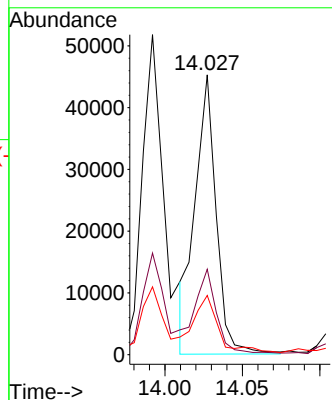
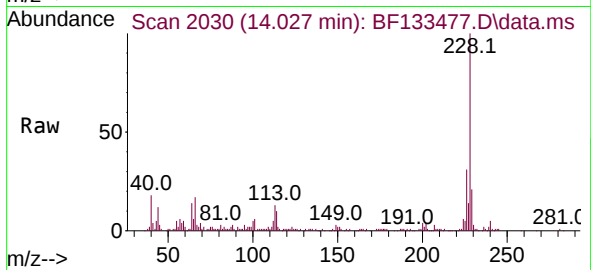
#83
Chrysene
Concen: 2.041 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

Instrument :
BNA_F
ClientSampleId :
WC06

Tgt Ion:228 Resp: 42878
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.2 15.4 23.2

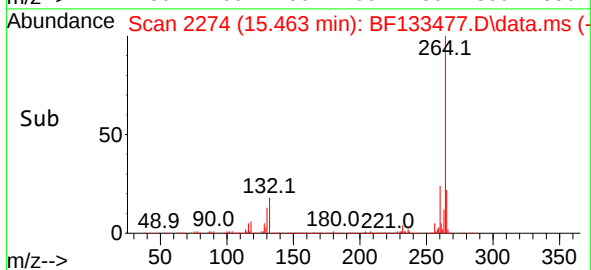
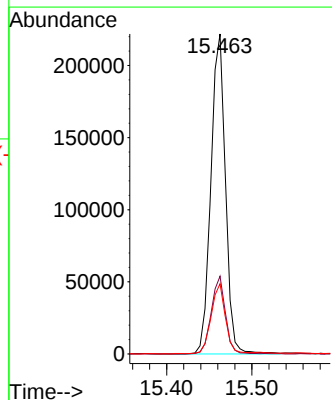
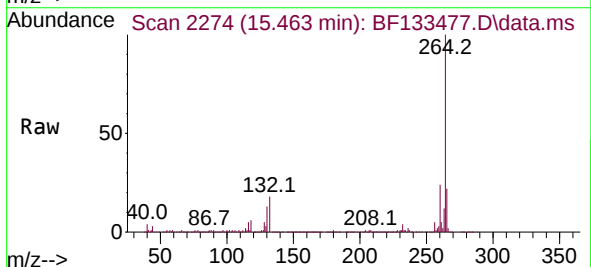
Manual Integrations
APPROVED

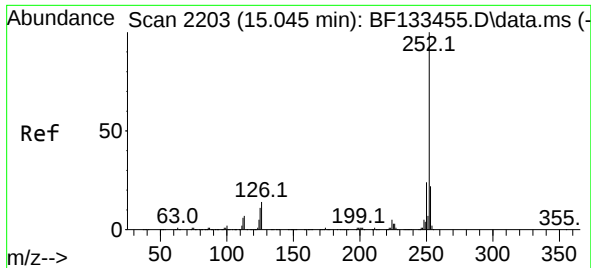
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

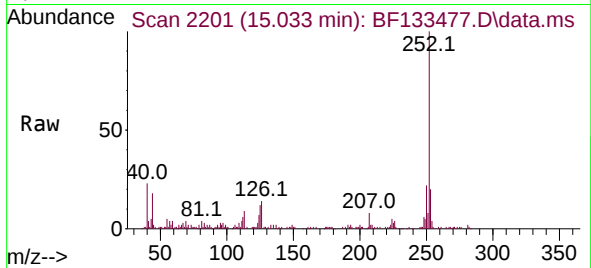
Tgt Ion:264 Resp: 263632
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.9 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.928 ng m
RT: 15.033 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133477.D
Acq: 24 May 2023 18:35

Instrument :
BNA_F
ClientSampleId :
WC06



Tgt Ion:252 Resp: 47979
Ion Ratio Lower Upper
252 100
253 20.0 17.5 26.3
125 12.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

