

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128416.D
 Acq On : 23 May 2022 23:08
 Operator : CG\JU
 Sample : N2963-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 01:24:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	119950	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	458782	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	253666	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	425472	20.000	ng	0.00
76) Chrysene-d12	14.039	240	240798	20.000	ng	-0.01
86) Perylene-d12	15.521	264	254832	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	646502	85.771	ng	0.00
7) Phenol-d6	6.493	99	835895	84.219	ng	0.00
23) Nitrobenzene-d5	7.422	82	594393	58.049	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	199166	76.132	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	841542	54.253	ng	-0.01
79) Terphenyl-d14	12.975	244	742377	59.515	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	52912	2.548	ng	97
75) Fluoranthene	12.604	202	65500	2.913	ng	99
78) Pyrene	12.833	202	64761	3.592	ng	99
88) Benzo(b)fluoranthene	15.092	252	32034m	2.021	ng	
90) Benzo(a)pyrene	15.463	252	25837	2.030	ng	95

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

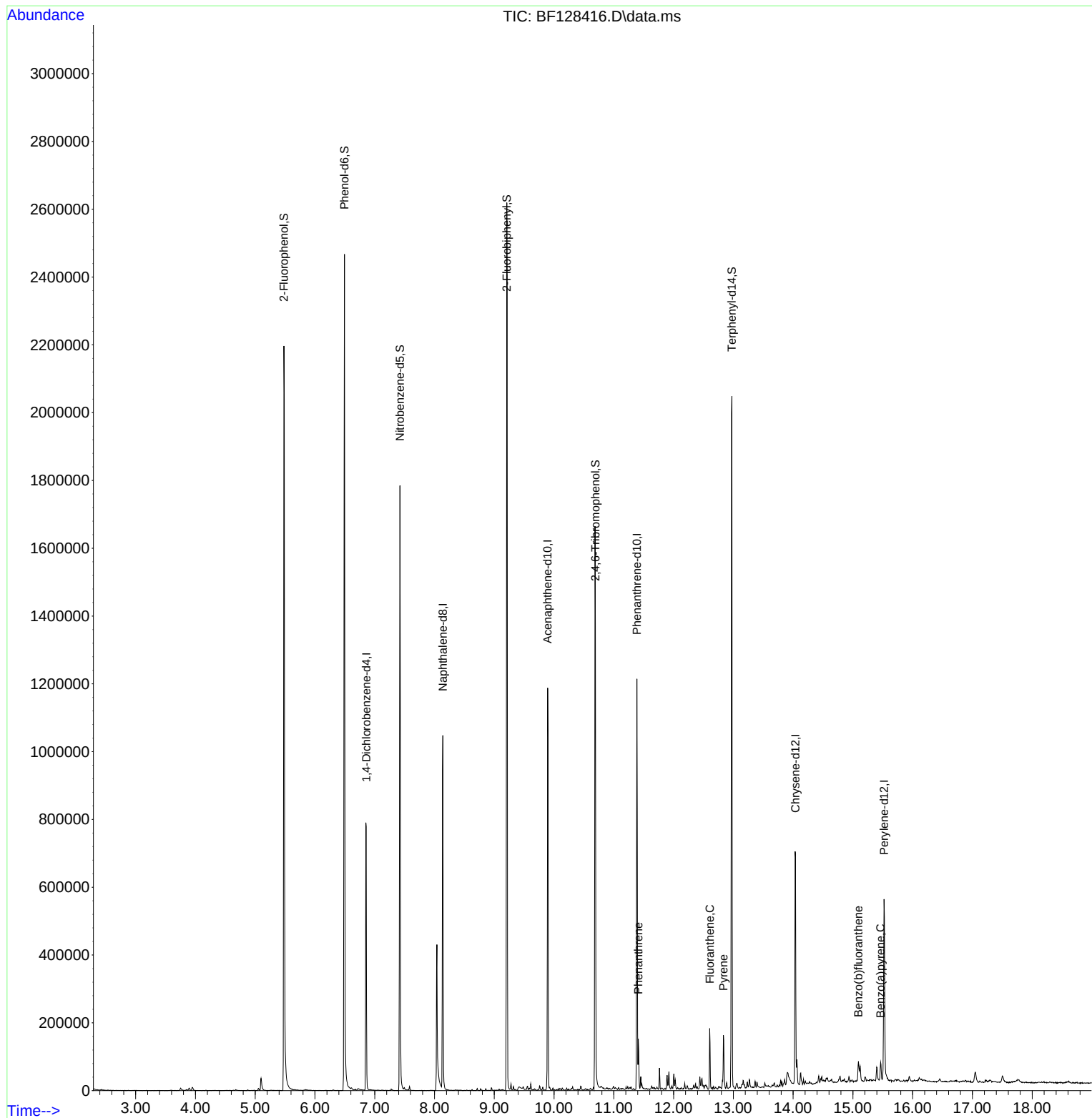
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
Data File : BF128416.D
Acq On : 23 May 2022 23:08
Operator : CG\JU
Sample : N2963-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

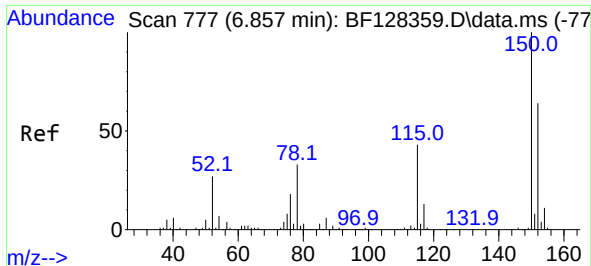
Instrument :
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ClientSampleId :
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Quant Time: May 24 01:24:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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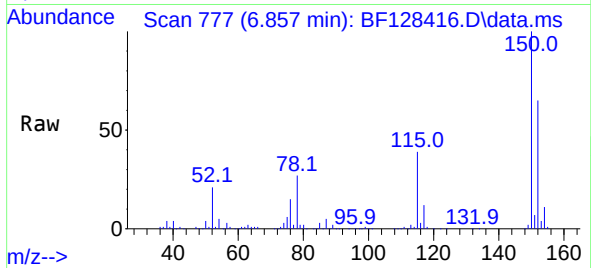
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

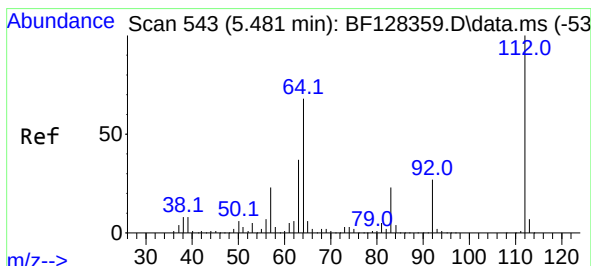
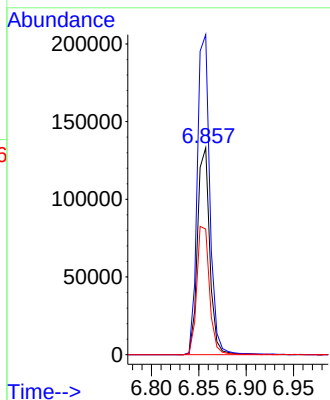
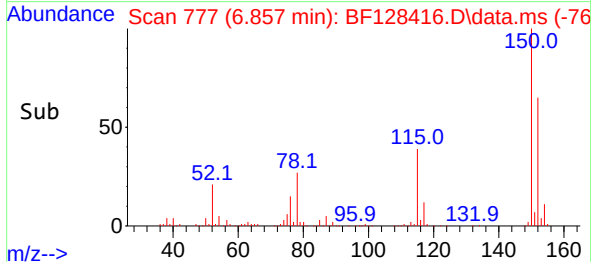
Instrument :
BNA_F
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VNJ-208



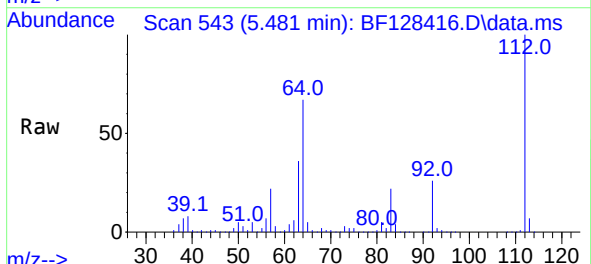
Tgt Ion:152 Resp: 119950
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 60.7 48.8 73.2

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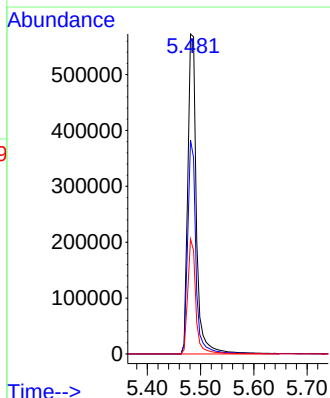
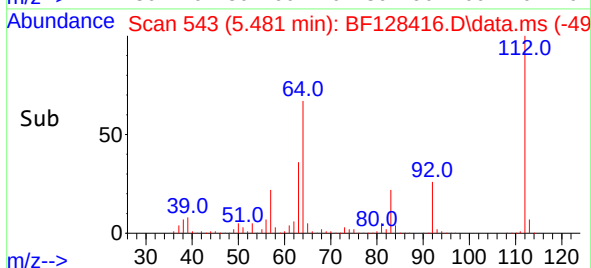
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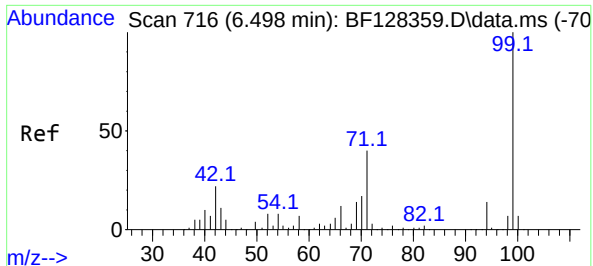


#5
2-Fluorophenol
Concen: 85.771 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



Tgt Ion:112 Resp: 646502
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.0 26.3 39.5





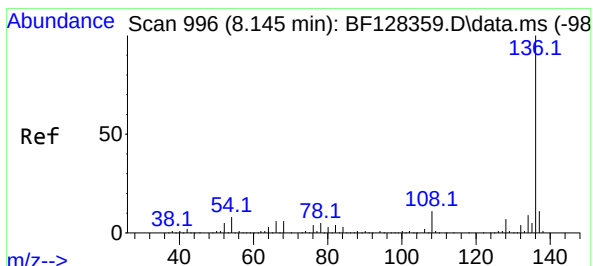
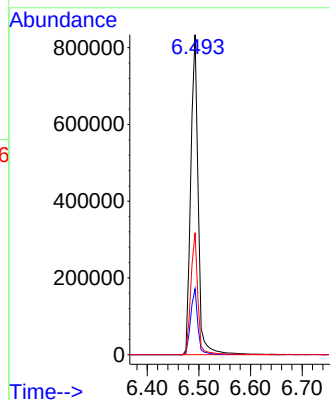
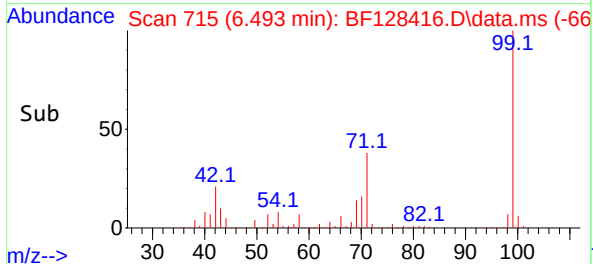
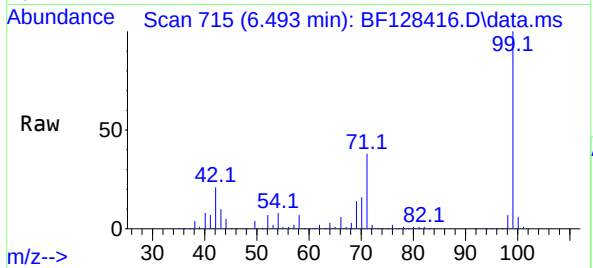
#7
Phenol-d6
Concen: 84.219 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion: 99 Resp: 83589
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 38.2 30.0 45.0

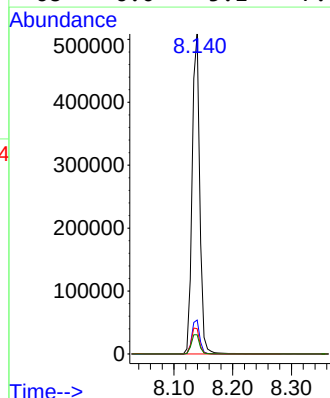
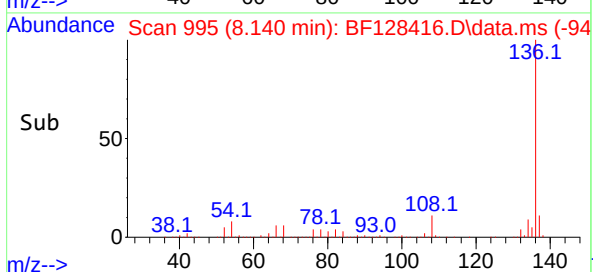
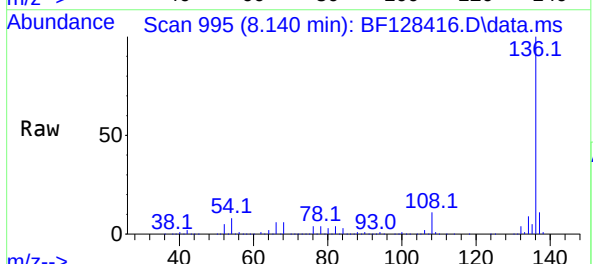
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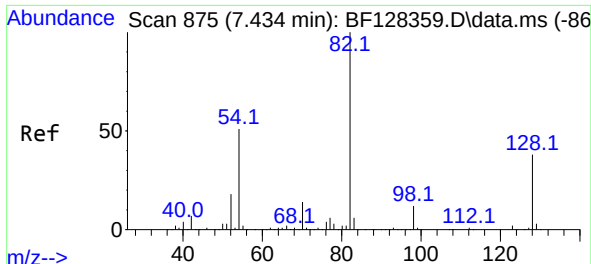
Reviewed By :Christian Giraldo 05/24/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.005 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

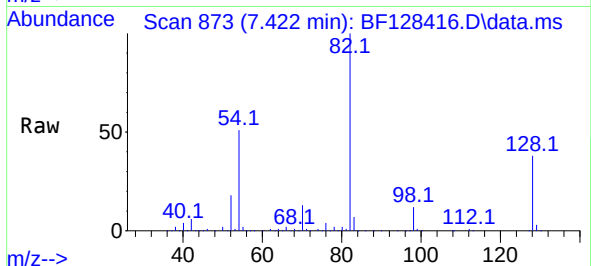
Tgt Ion:136 Resp: 458782
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 6.8 10.2
68 6.0 5.1 7.7





#23
Nitrobenzene-d5
Concen: 58.049 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

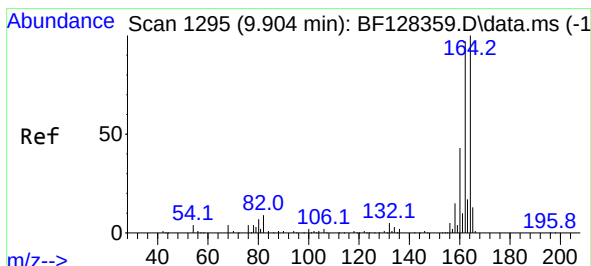
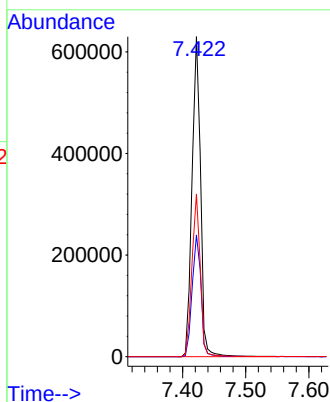
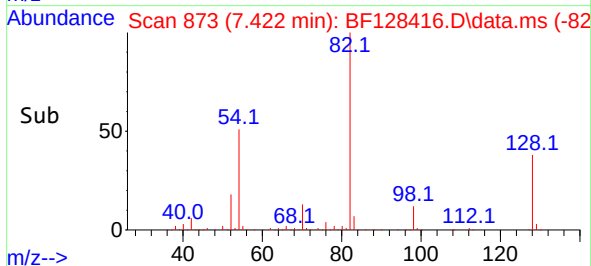
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion: 82 Resp: 59439
Ion Ratio Lower Upper
82 100
128 38.1 30.0 45.0
54 50.9 41.3 61.9

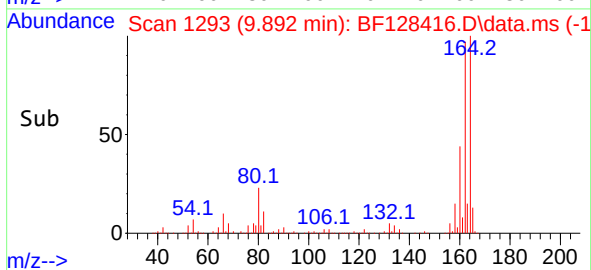
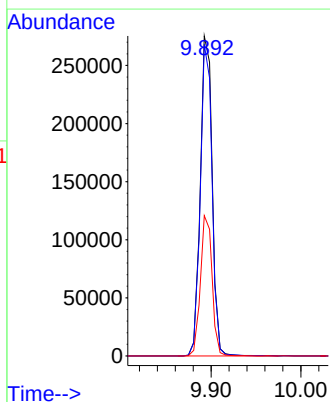
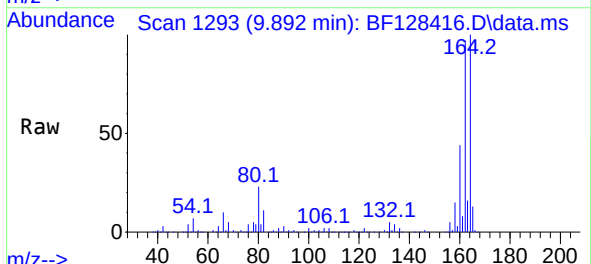
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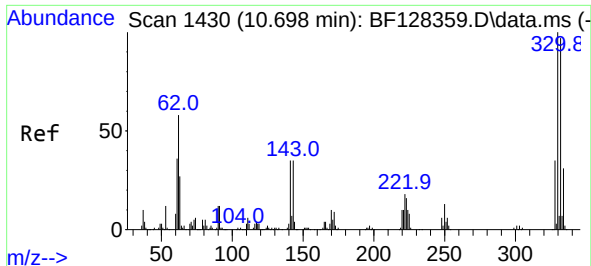
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

Tgt Ion:164 Resp: 253666
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 43.8 34.8 52.2





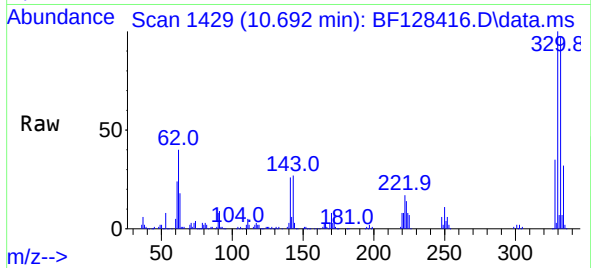
#42
2,4,6-Tribromophenol
Concen: 76.132 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

Instrument :

BNA_F

ClientSampleId :

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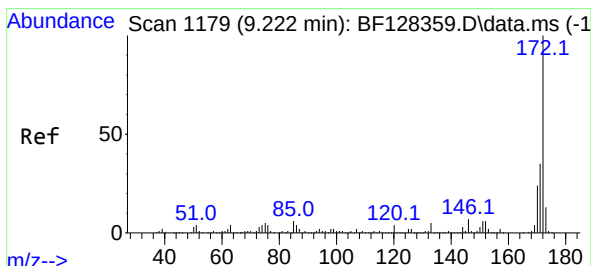
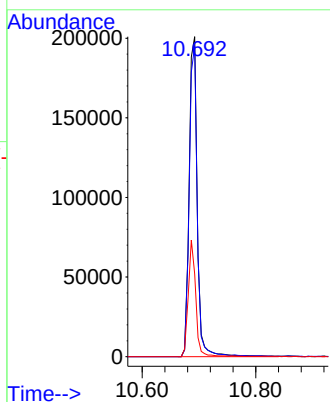


Tgt Ion:330 Resp: 199160
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 33.5 28.9 43.3

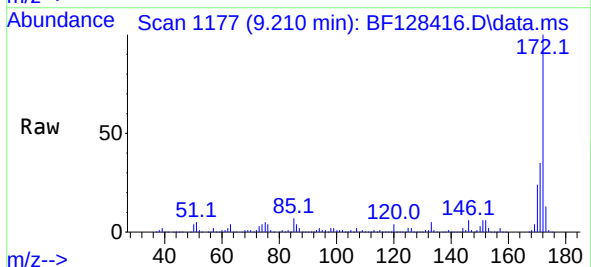
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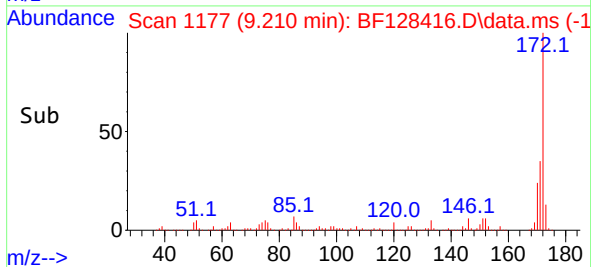
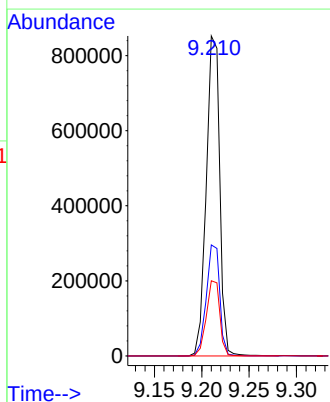
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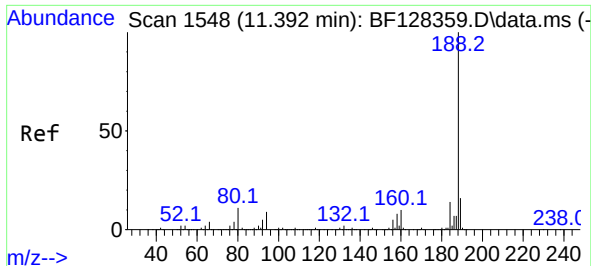


#45
2-Fluorobiphenyl
Concen: 54.253 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



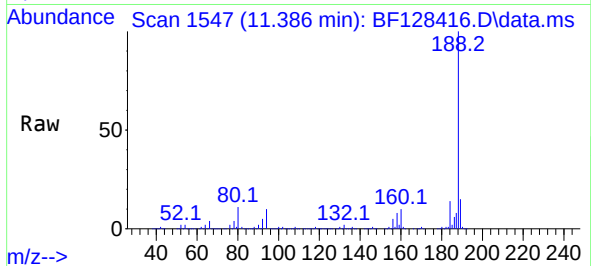
Tgt Ion:172 Resp: 841542
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.5 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

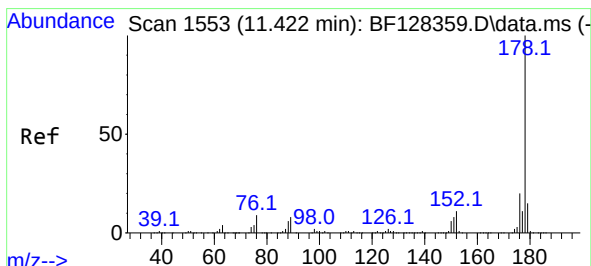
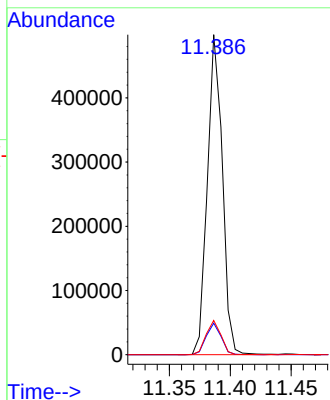
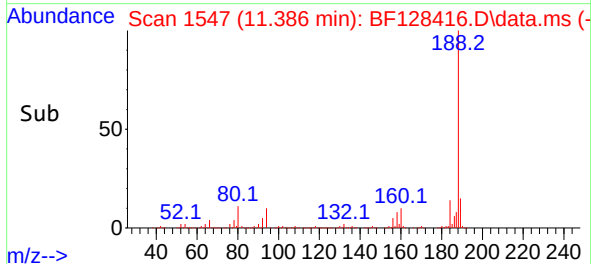
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ClientSampleId :
VNJ-208



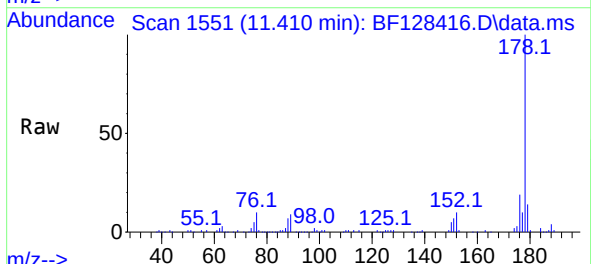
Tgt Ion:188 Resp: 425472
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.7 8.9 13.3

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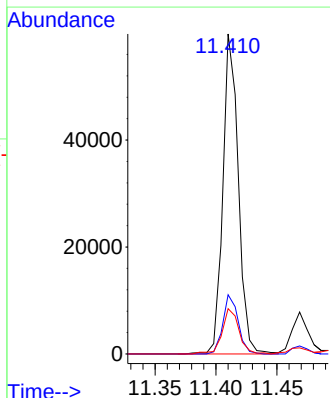
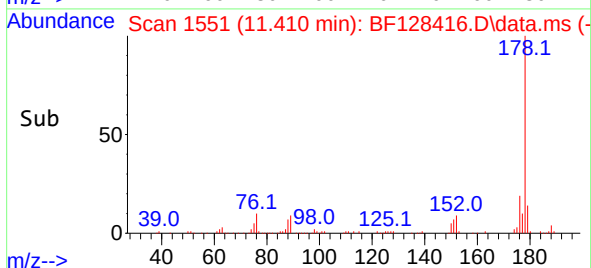
Reviewed By :Christian Giraldo 05/24/2022
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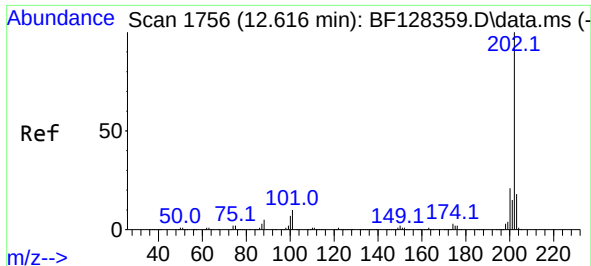


#71
Phenanthrene
Concen: 2.548 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



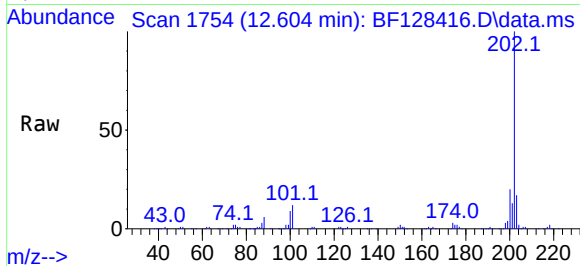
Tgt Ion:178 Resp: 52912
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 14.1 12.6 19.0





#75
Fluoranthene
Concen: 2.913 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

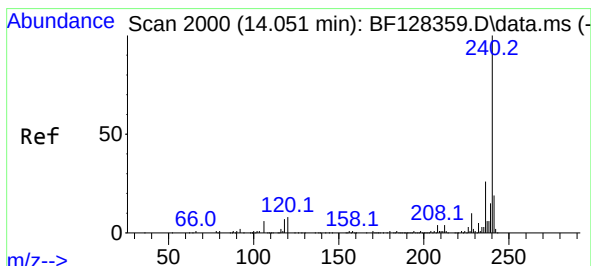
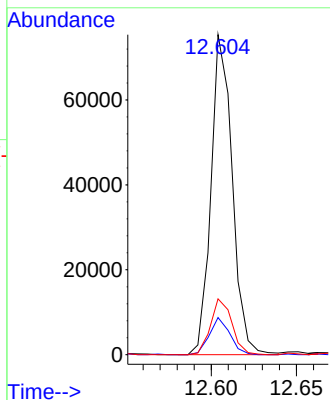
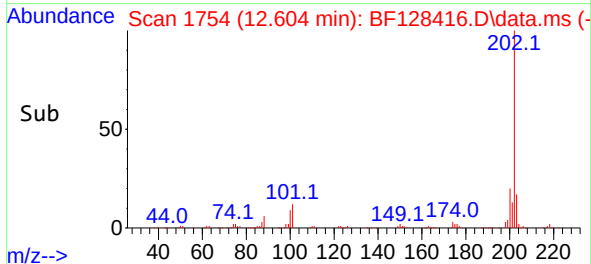
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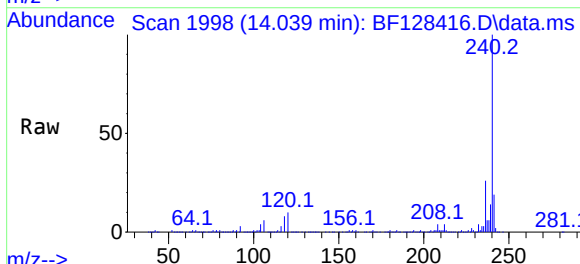
Tgt Ion:202 Resp: 65500
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.6
203 17.4 0.0 38.1

Manual Integrations
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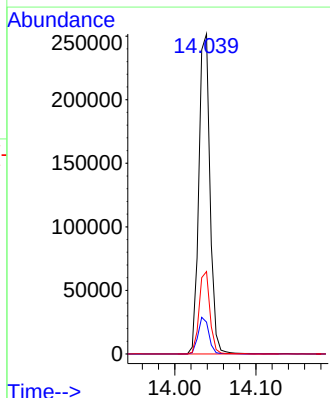
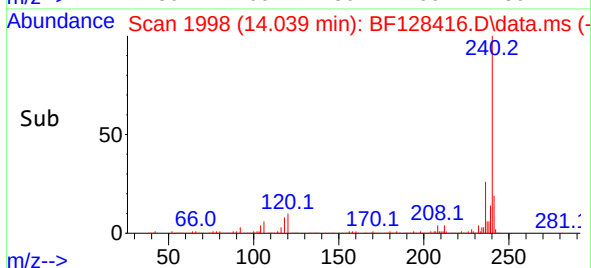
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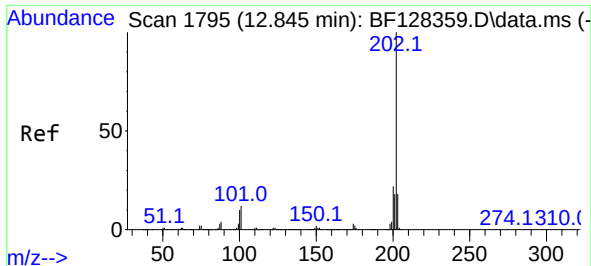


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



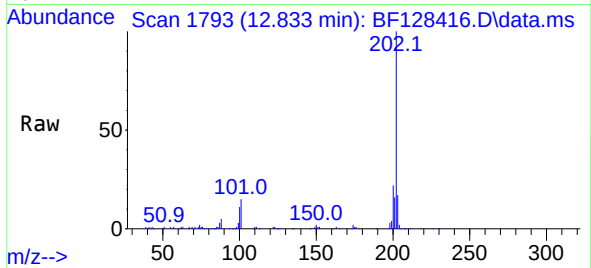
Tgt Ion:240 Resp: 240798
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.8 20.3 30.5





#78
Pyrene
Concen: 3.592 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

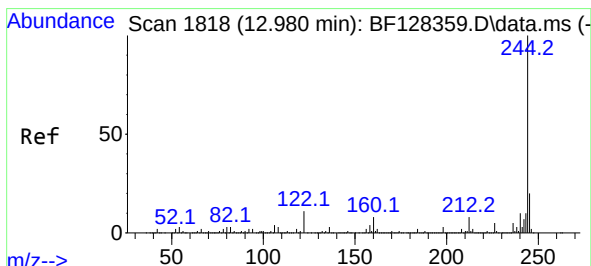
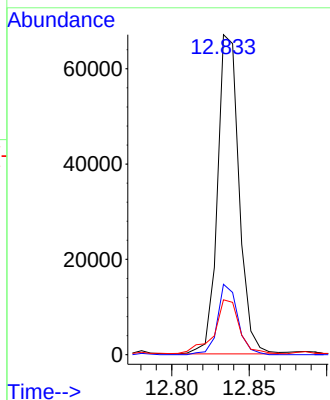
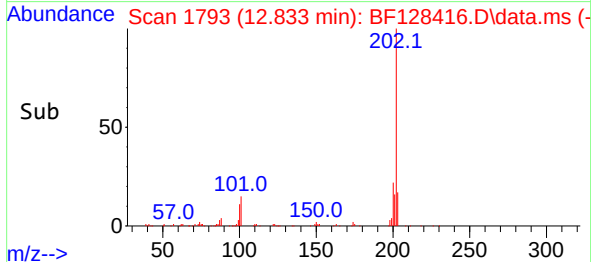
Instrument :
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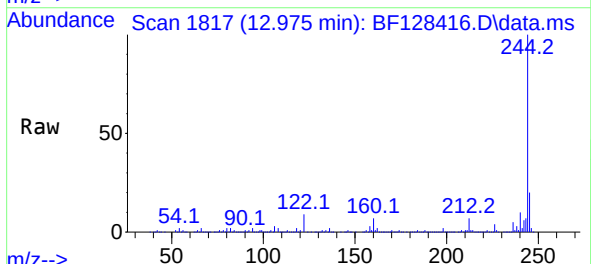
Tgt Ion:202 Resp: 6476
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.2 14.0 21.0

Manual Integrations
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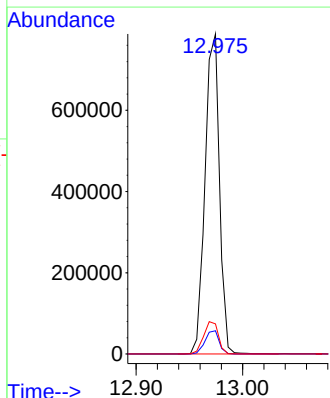
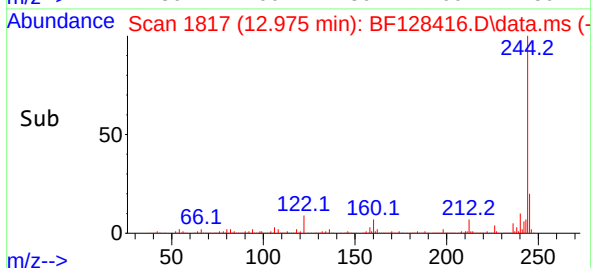
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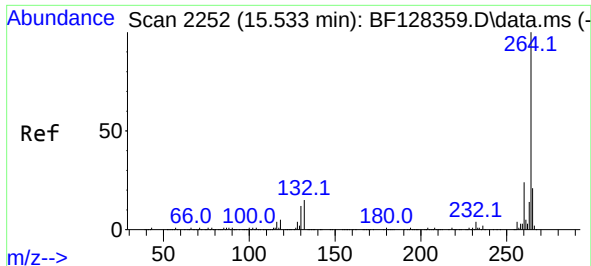


#79
Terphenyl-d14
Concen: 59.515 ng
RT: 12.975 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



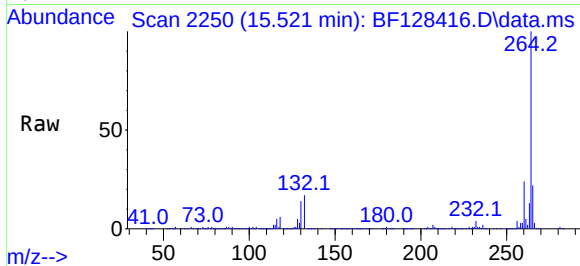
Tgt Ion:244 Resp: 742377
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 9.4 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

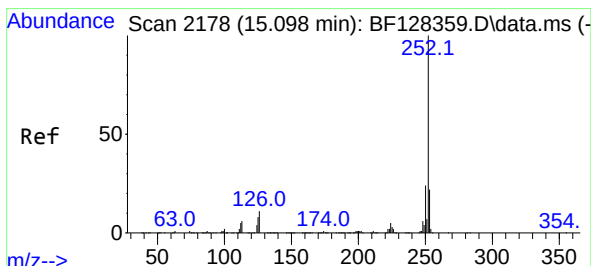
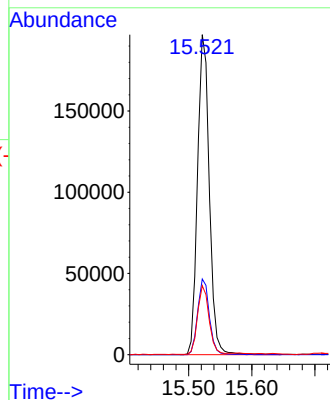
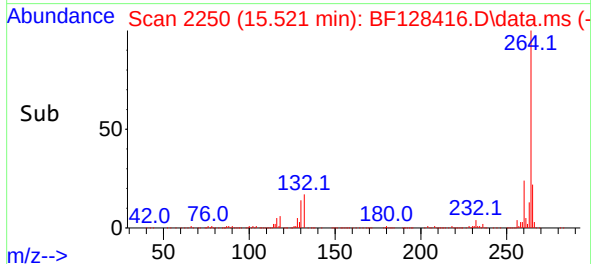
Instrument :
BNA_F
ClientSampleId :
VNJ-208



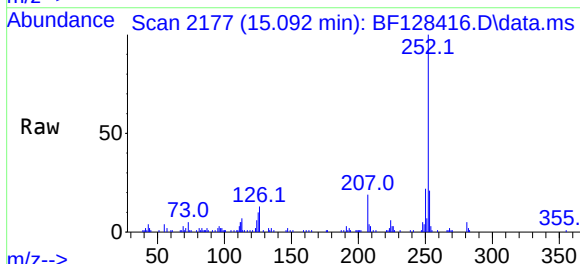
Tgt Ion:264 Resp: 25483
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.5 17.5 26.3

Manual Integrations
APPROVED

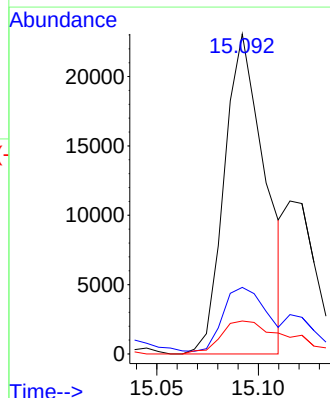
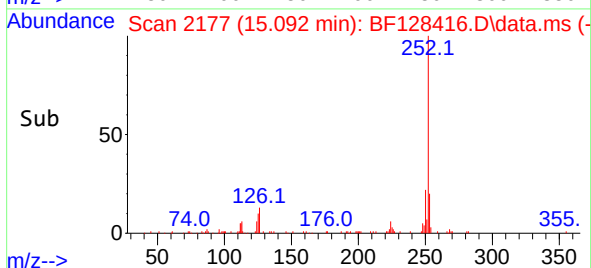
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

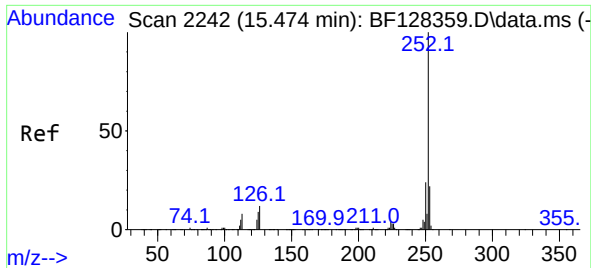


#88
Benzo(b)fluoranthene
Concen: 2.021 ng m
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08



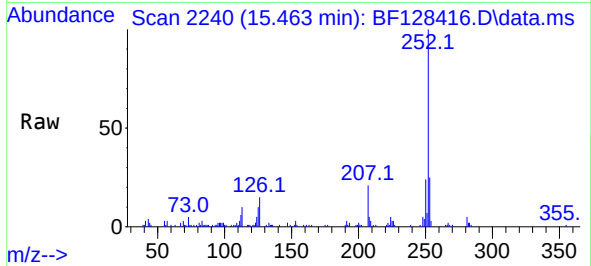
Tgt Ion:252 Resp: 32034
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 10.3 7.4 11.2





#90
Benzo(a)pyrene
Concen: 2.030 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128416.D
Acq: 23 May 2022 23:08

Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:252 Resp: 2583
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 10.3 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

