

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128774.D
 Acq On : 10 Jun 2022 22:43
 Operator : CG\JU
 Sample : N3267-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

Quant Time: Jun 11 01:28:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	51910	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	170138	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	91800	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	187747	20.000	ng	0.00
76) Chrysene-d12	13.980	240	119635	20.000	ng	0.00
86) Perylene-d12	15.451	264	92521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	265378	81.430	ng	-0.01
7) Phenol-d6	6.463	99	304892	76.642	ng	-0.02
23) Nitrobenzene-d5	7.369	82	201702	55.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	86388	79.645	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	363666	55.493	ng	-0.01
79) Terphenyl-d14	12.927	244	476483	69.207	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	23411	2.486	ng	98
75) Fluoranthene	12.551	202	58596	5.953	ng	96
78) Pyrene	12.780	202	63070	7.086	ng	98
81) Benzo(a)anthracene	13.974	228	24714	3.314	ng	# 81
83) Chrysene	14.010	228	25253	3.552	ng	# 79
87) Indeno(1,2,3-cd)pyrene	16.915	276	13051	2.340	ng	92
88) Benzo(b)fluoranthene	15.021	252	27343m	4.625	ng	
90) Benzo(a)pyrene	15.386	252	19905	4.284	ng	# 60
92) Benzo(g,h,i)perylene	17.368	276	13932	3.039	ng	# 80

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

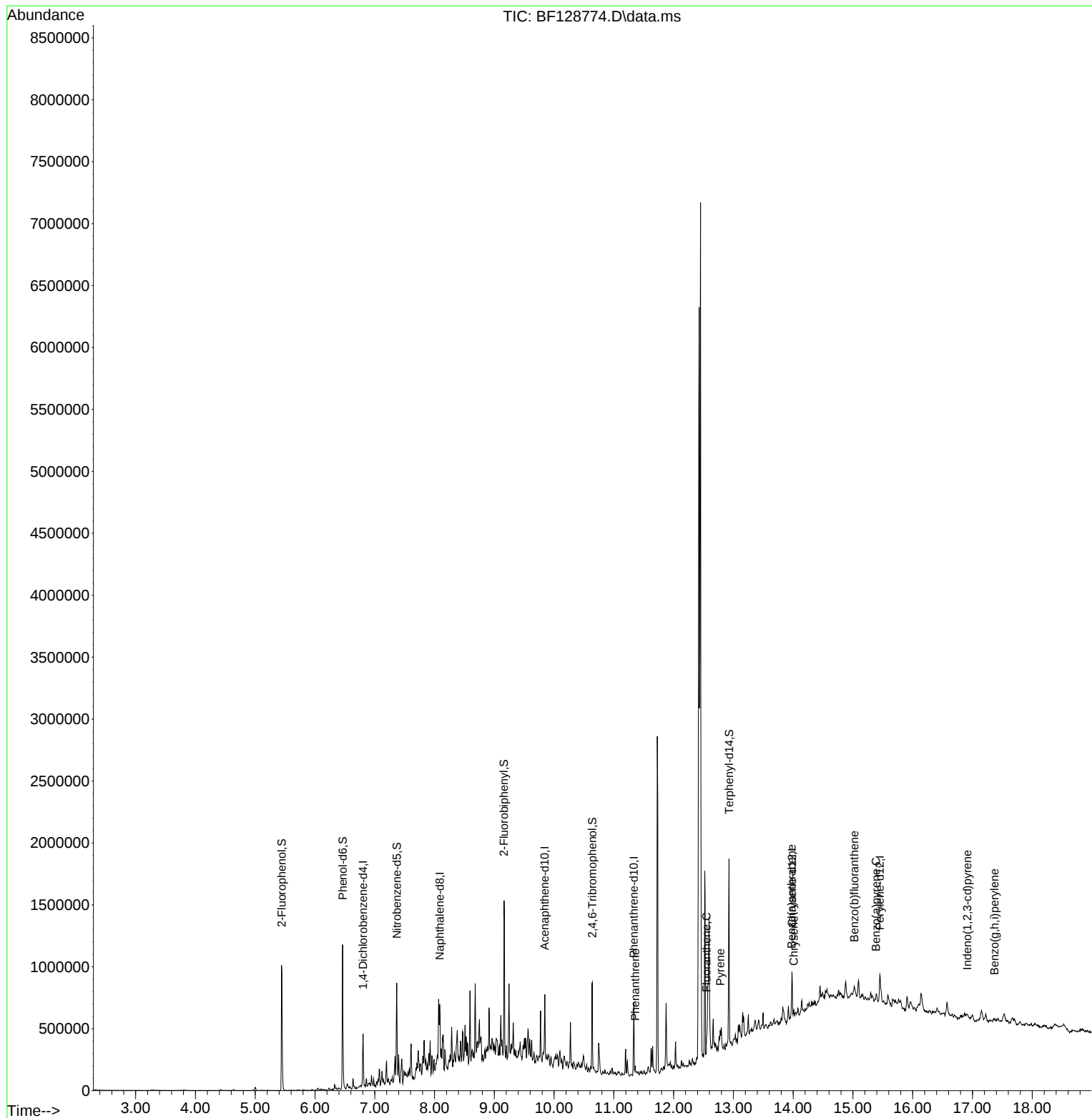
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128774.D
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Operator : CG\JU
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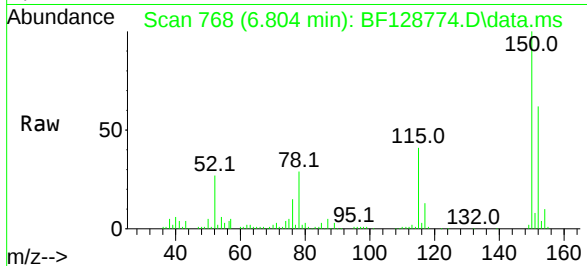
Quant Time: Jun 11 01:28:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

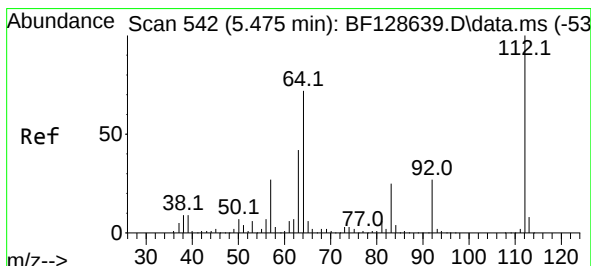
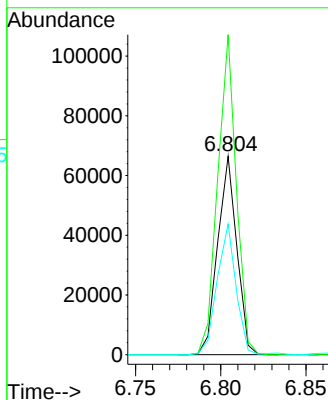
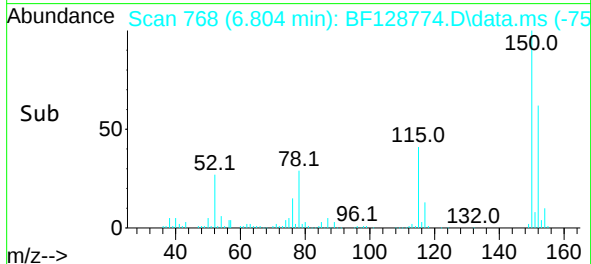
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE



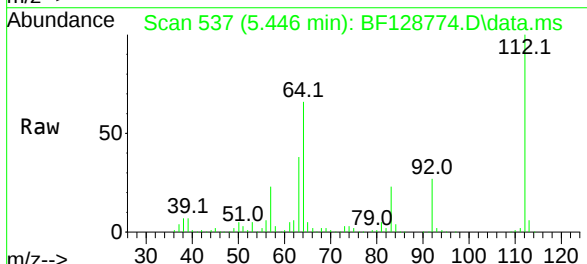
Tgt Ion:152 Resp: 51910
Ion Ratio Lower Upper
152 100
150 161.3 123.7 185.5
115 65.9 49.9 74.9

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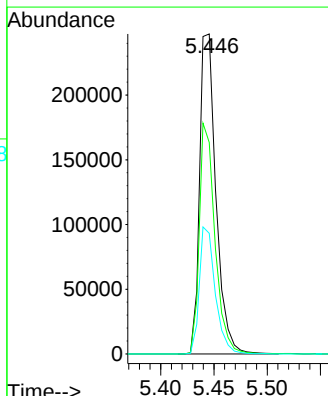
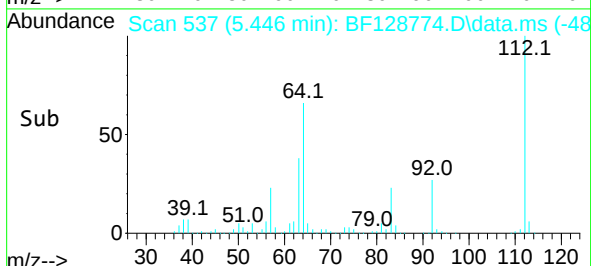
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

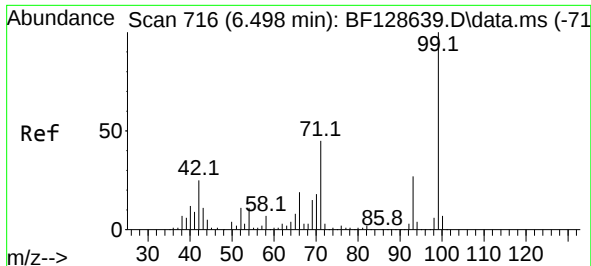


#5
2-Fluorophenol
Concen: 81.430 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43



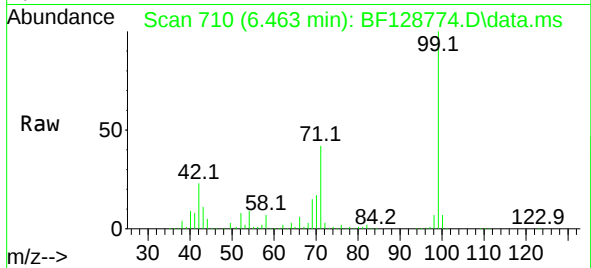
Tgt Ion:112 Resp: 265378
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 37.7 28.0 42.0





#7
Phenol-d6
Concen: 76.642 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

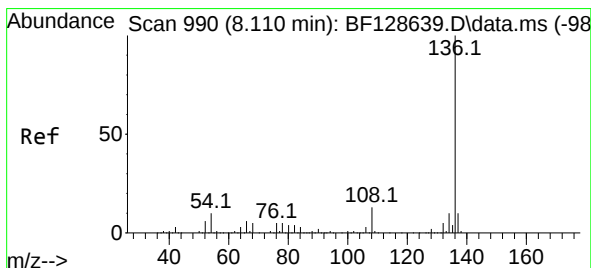
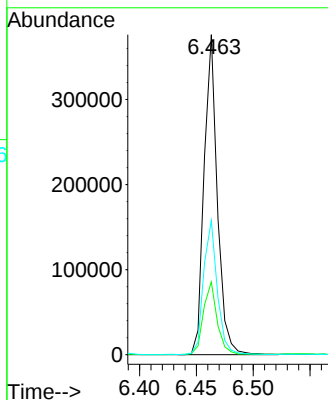
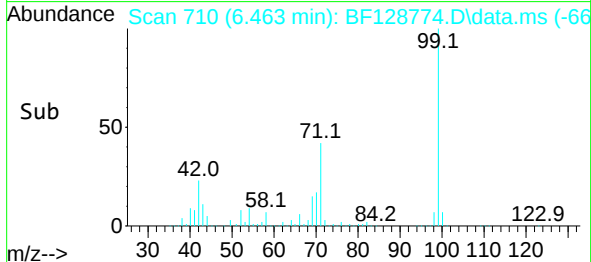
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE



Tgt Ion: 99 Resp: 304892
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 42.0 28.9 43.3

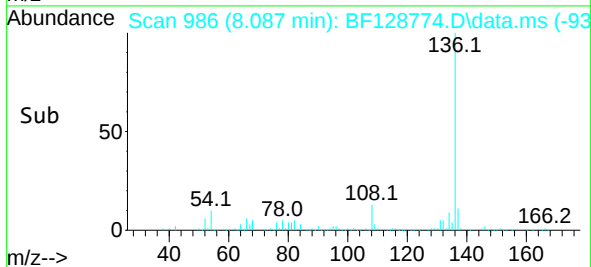
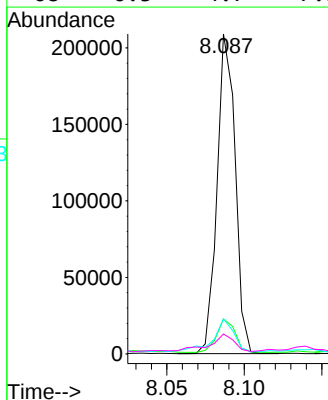
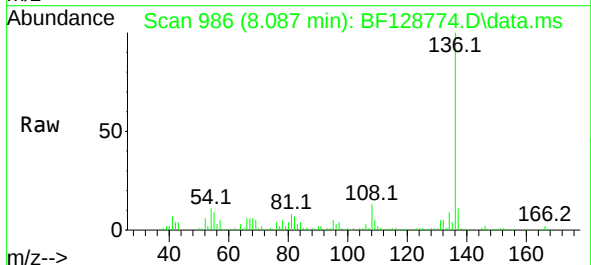
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Supervised By :Jagrut Upadhyay 06/13/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:136 Resp: 170138
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 55.196 ng

RT: 7.369 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128774.D

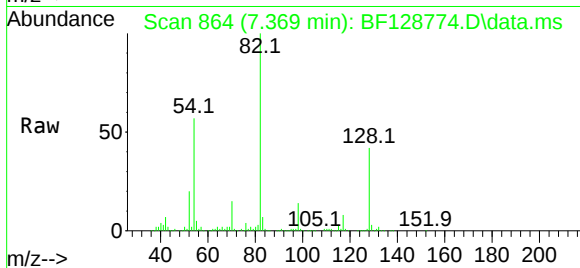
Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

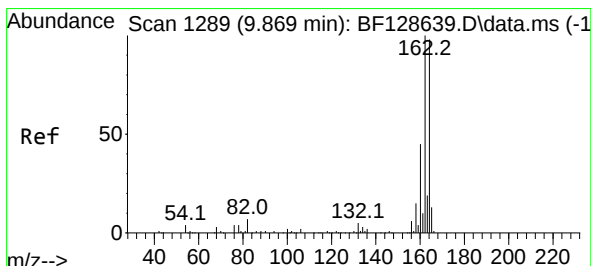
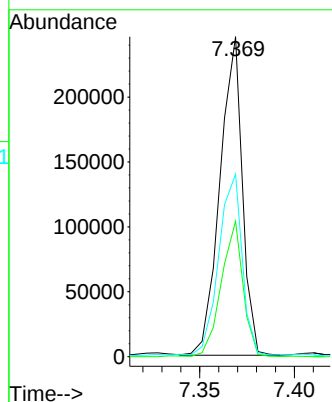
OR-2-060822RE



Tgt Ion:	82	Resp:	20170
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	57.0	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

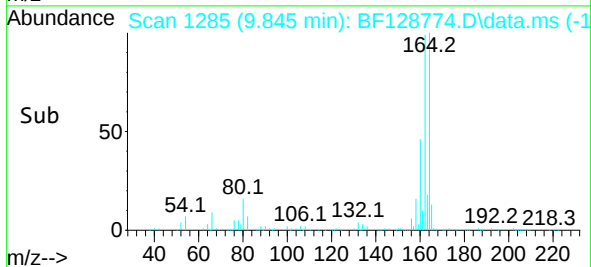
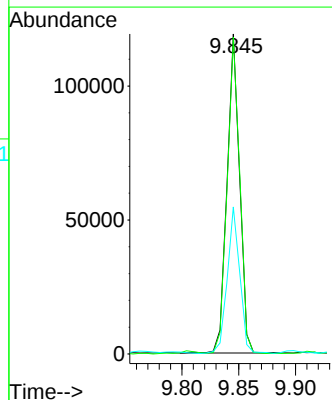
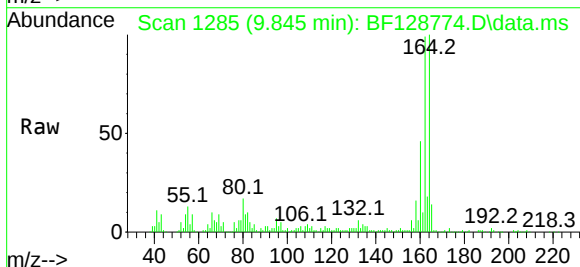
RT: 9.845 min Scan# 1285

Delta R.T. -0.012 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Tgt Ion:	164	Resp:	91800
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.5	119.3
160	45.9	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 79.645 ng
RT: 10.639 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

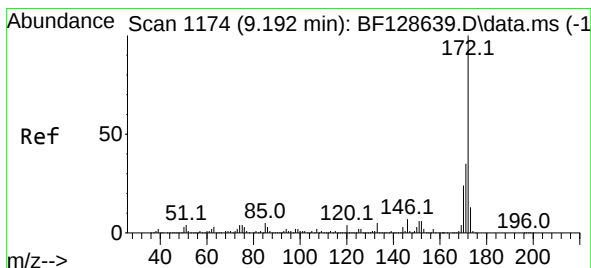
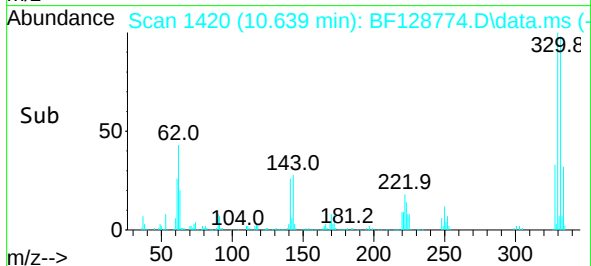
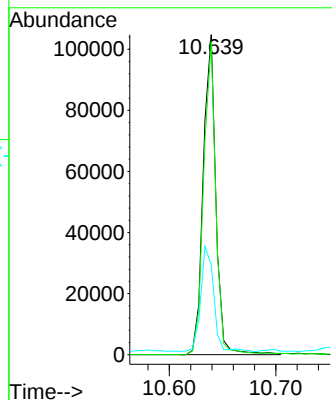
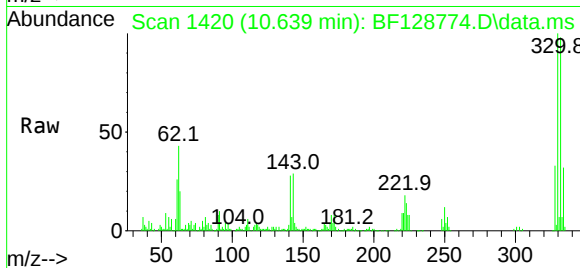
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Tgt Ion:330 Resp: 86388
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 33.9 28.0 42.0

Manual Integrations

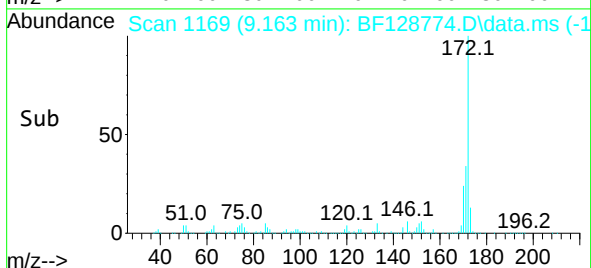
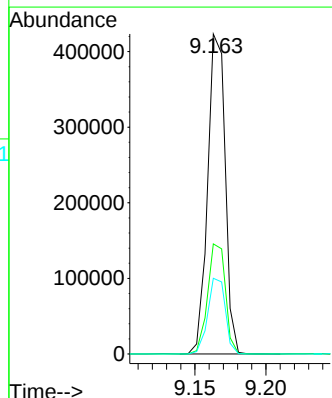
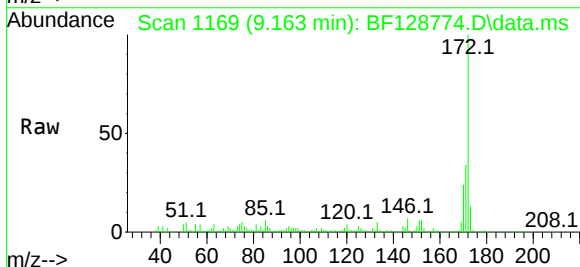
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Supervised By :Jagrut Upadhyay 06/13/2022



#45
2-Fluorobiphenyl
Concen: 55.493 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:172 Resp: 363666
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 23.7 19.8 29.8





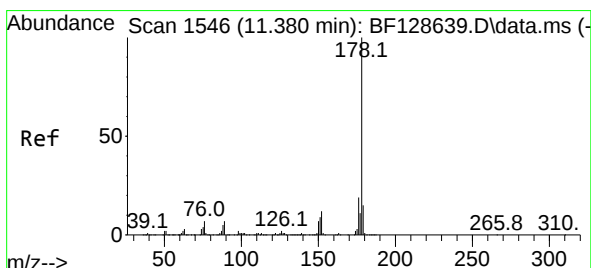
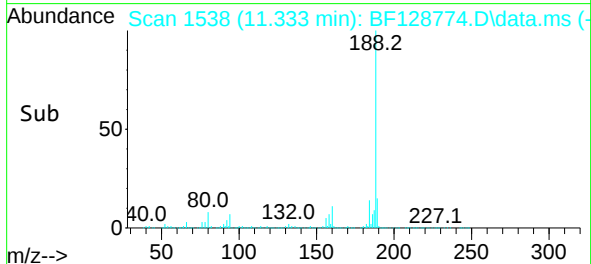
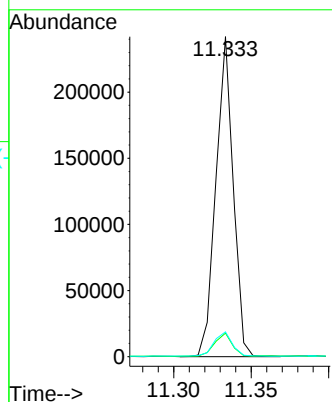
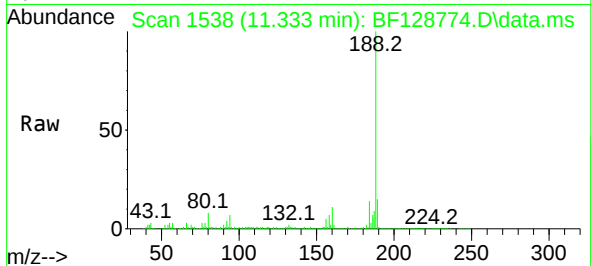
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE

Tgt Ion:188 Resp: 18774
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 7.7 7.6 11.4

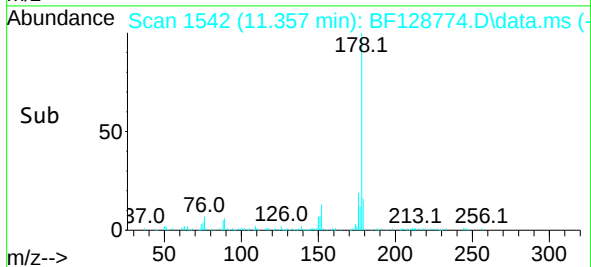
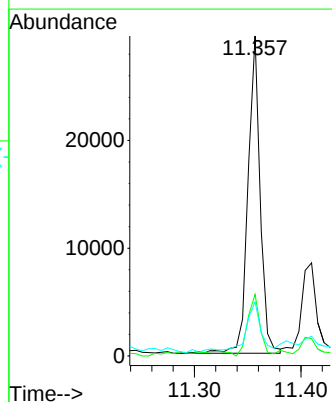
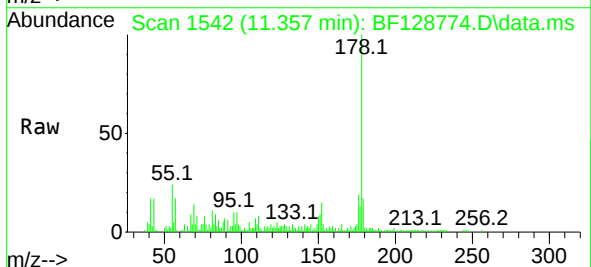
Manual Integrations
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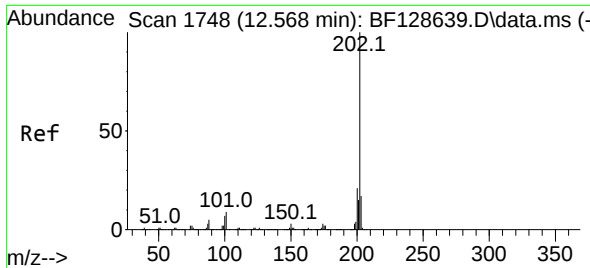
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#71
Phenanthrene
Concen: 2.486 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

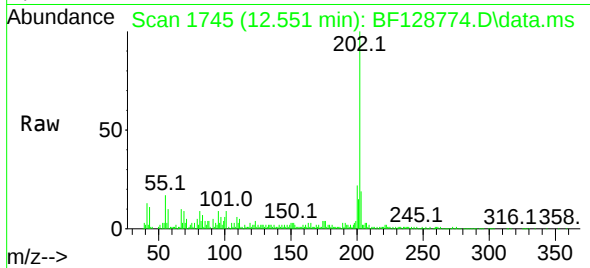
Tgt Ion:178 Resp: 23411
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.9 12.6 19.0





#75
Fluoranthene
Concen: 5.953 ng
RT: 12.551 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

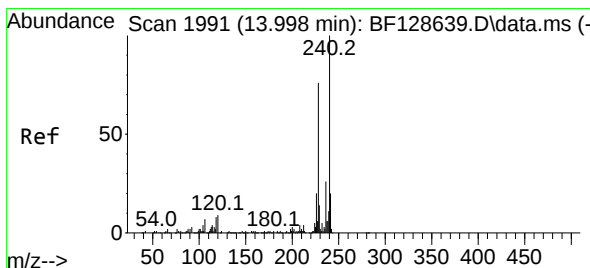
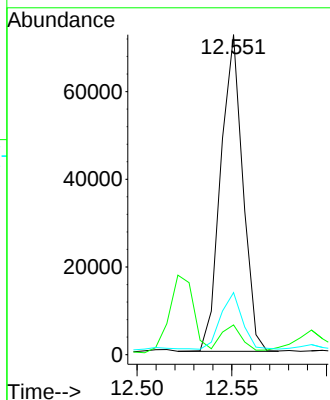
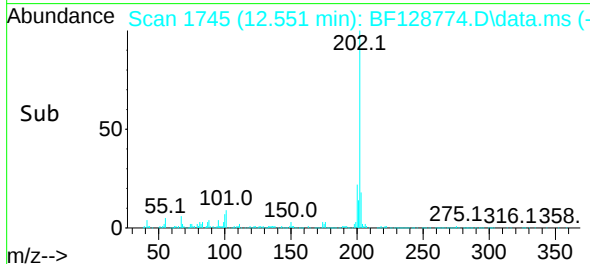
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE



Tgt Ion:202 Resp: 58590
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 19.4 0.0 38.0

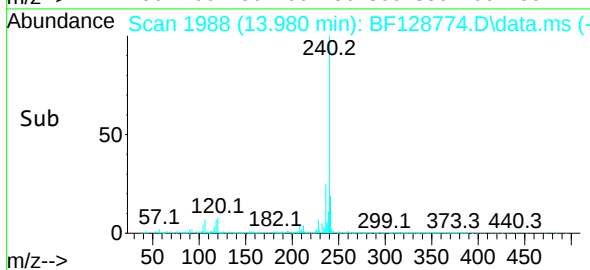
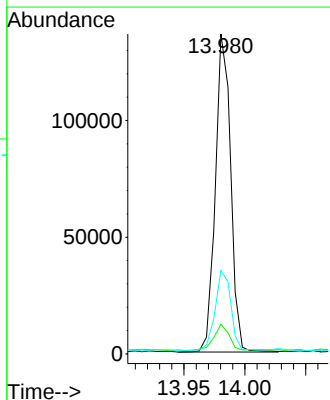
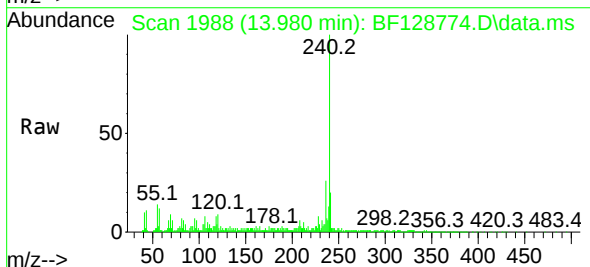
Manual Integrations
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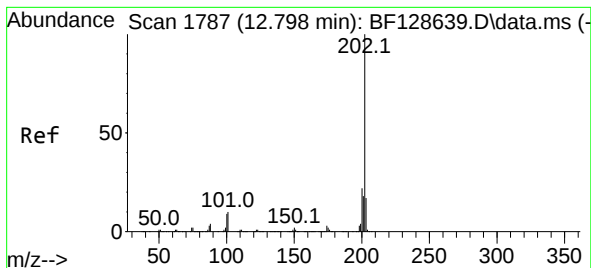
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

Tgt Ion:240 Resp: 119635
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 26.1 20.8 31.2





#78

Pyrene

Concen: 7.086 ng

RT: 12.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

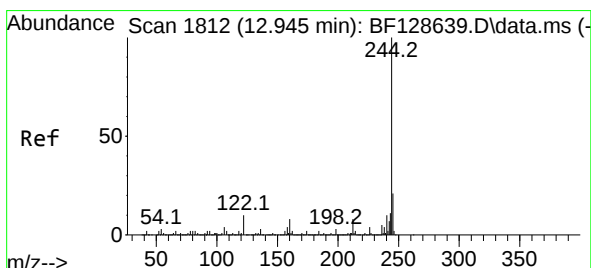
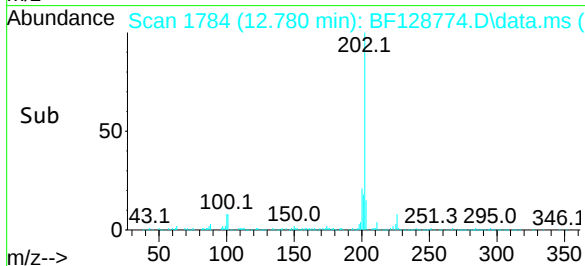
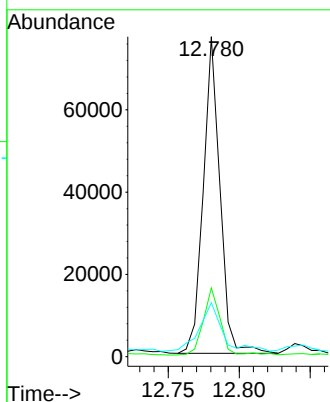
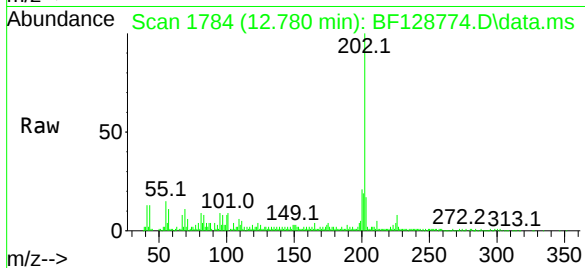
OR-2-060822RE

Tgt Ion:202 Resp: 63070
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.7 26.5
 203 16.9 14.6 21.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 69.207 ng

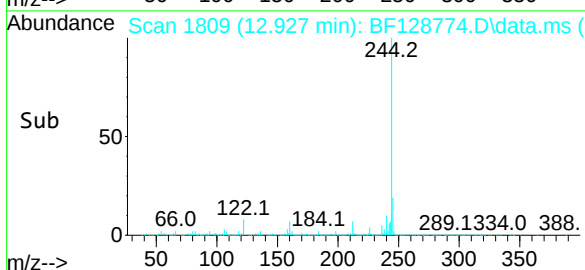
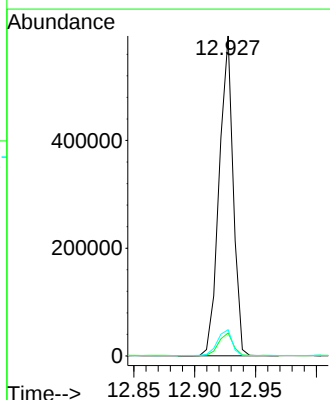
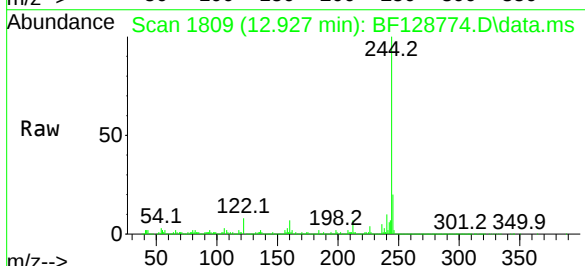
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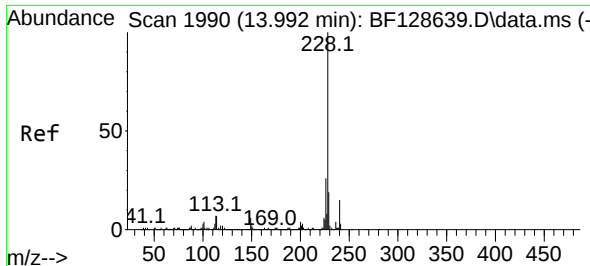
Delta R.T. -0.006 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

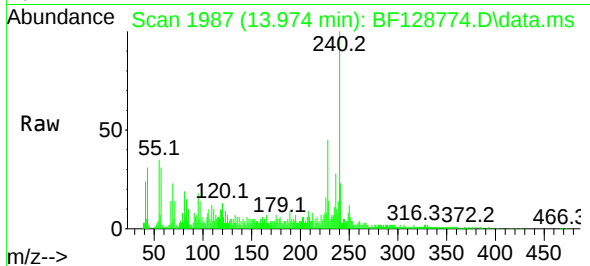
Tgt Ion:244 Resp: 476483
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.2 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 3.314 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43

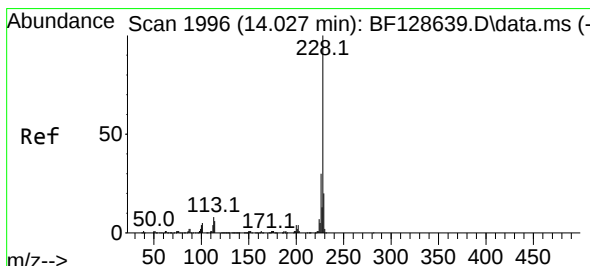
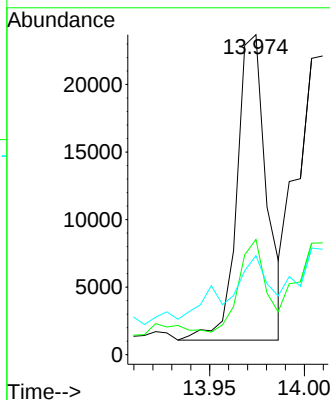
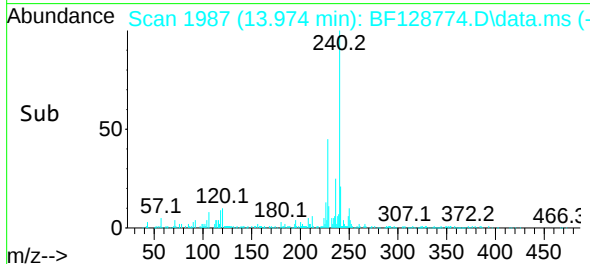
Instrument :
BNA_F
ClientSampleId :
OR-2-060822RE



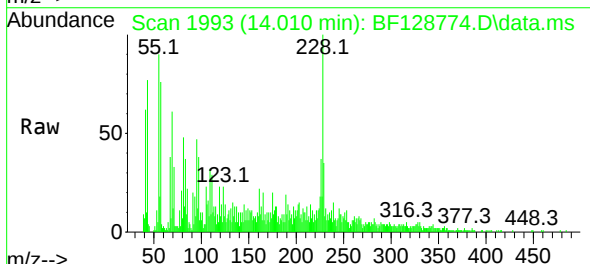
Tgt Ion:228 Resp: 24714
Ion Ratio Lower Upper
228 100
226 36.0 22.1 33.1#
229 30.9 15.8 23.8#

Manual Integrations
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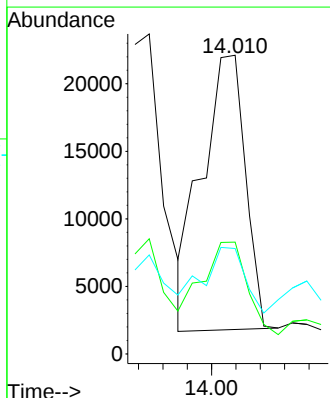
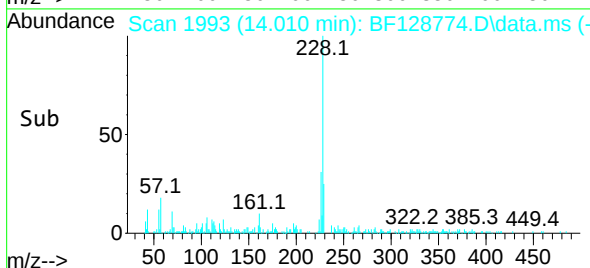
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

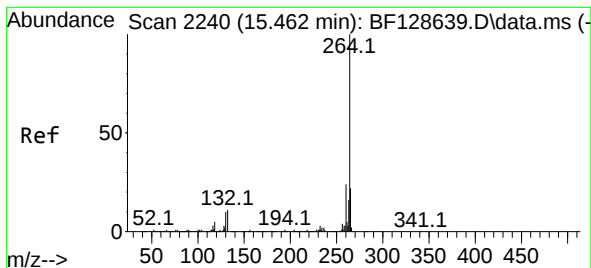


#83
Chrysene
Concen: 3.552 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128774.D
Acq: 10 Jun 2022 22:43



Tgt Ion:228 Resp: 25253
Ion Ratio Lower Upper
228 100
226 37.4 24.3 36.5#
229 35.3 15.9 23.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

OR-2-060822RE

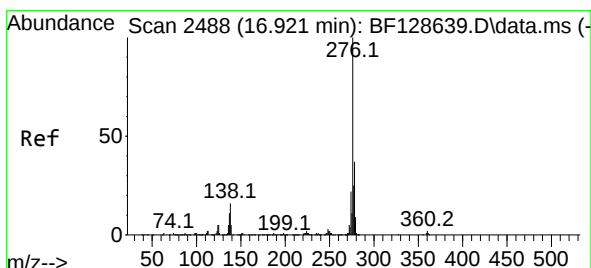
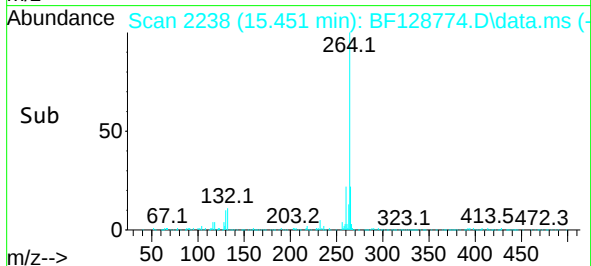
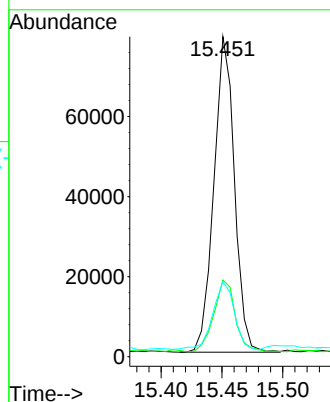
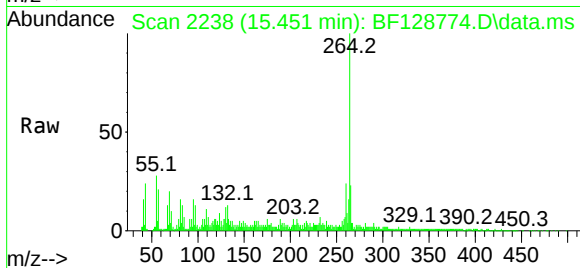
Tgt Ion:	264	Resp:	9252
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.4	27.6
265	23.4	17.2	25.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/13/2022

Supervised By :Jagrut Upadhyay 06/13/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.340 ng

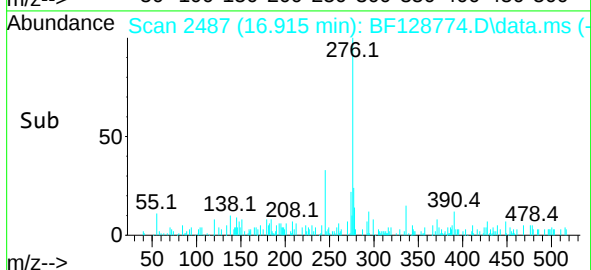
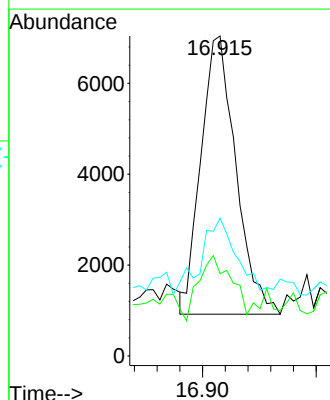
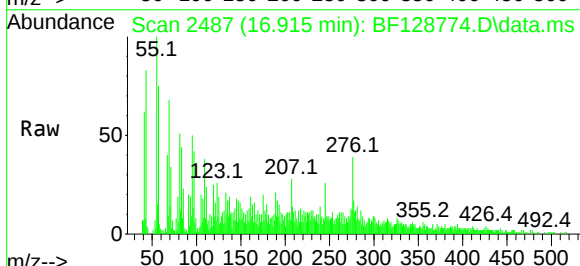
RT: 16.915 min Scan# 2487

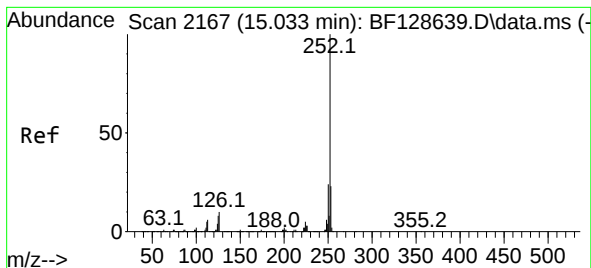
Delta R.T. 0.017 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Tgt Ion:	276	Resp:	13051
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.1	31.7
277	29.7	20.3	30.5





#88

Benzo(b)fluoranthene

Concen: 4.625 ng m

RT: 15.021 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

Instrument :

BNF

ClientSampleId :

OR-2-060822RE

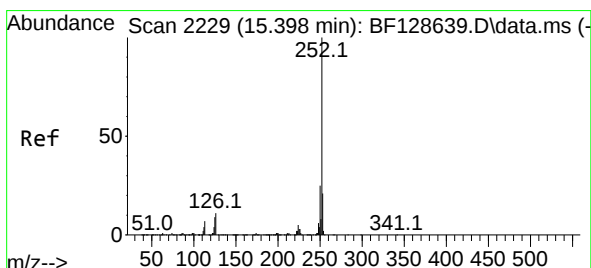
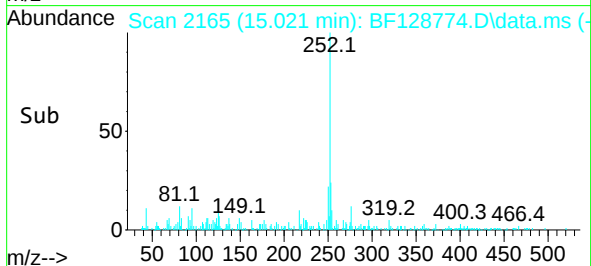
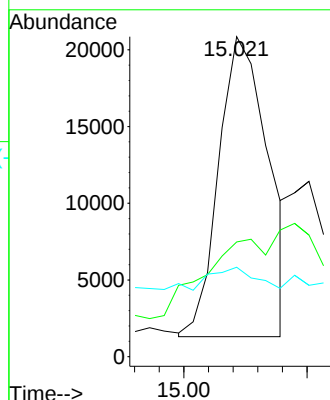
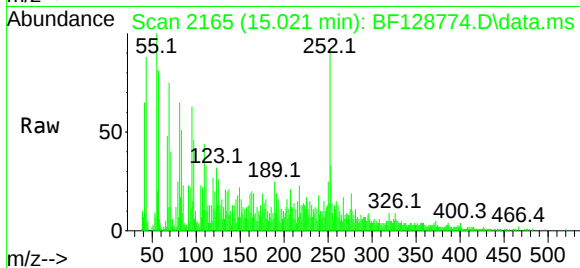
Tgt Ion:	252	Resp:	2734
Ion Ratio	Lower	Upper	
252	100		
253	35.8	17.7	26.5
125	28.0	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/13/2022

Supervised By :Jagrut Upadhyay 06/13/2022



#90

Benzo(a)pyrene

Concen: 4.284 ng

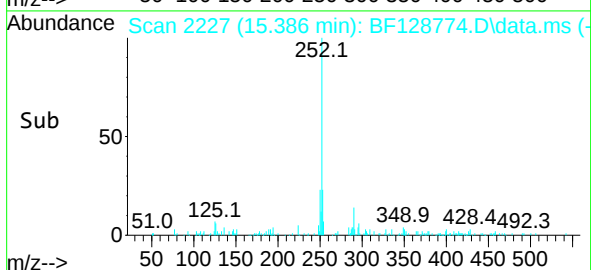
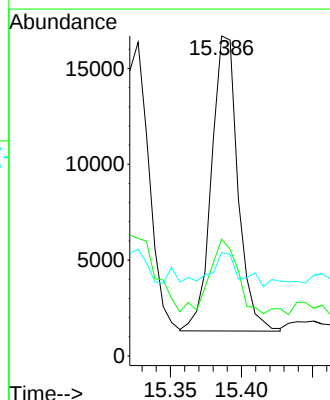
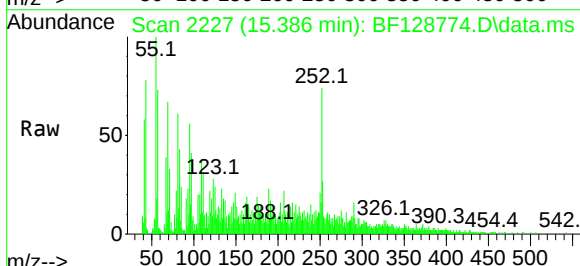
RT: 15.386 min Scan# 2227

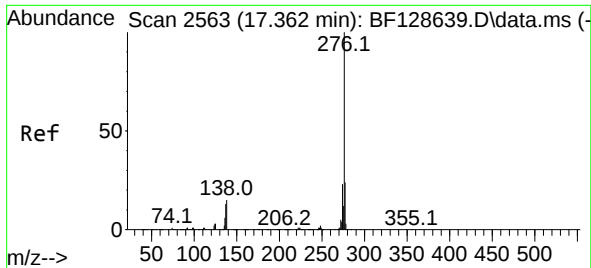
Delta R.T. -0.000 min

Lab File: BF128774.D

Acq: 10 Jun 2022 22:43

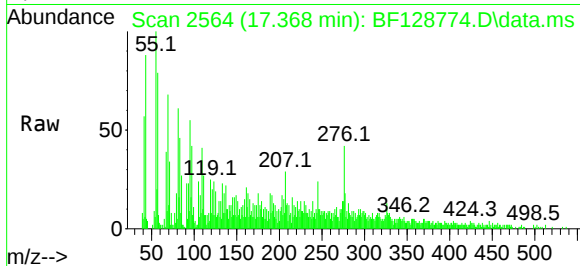
Tgt Ion:	252	Resp:	19905
Ion Ratio	Lower	Upper	
252	100		
253	36.5	17.0	25.6
125	32.3	8.8	13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.039 ng
 RT: 17.368 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF128774.D
 Acq: 10 Jun 2022 22:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822RE



Tgt Ion: 276 Resp: 13932
 Ion Ratio Lower Upper
 276 100
 277 42.0 19.1 28.7
 138 23.7 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

