

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132332.D
 Acq On : 03 Feb 2023 20:41
 Operator : CG\JU
 Sample : 01414-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-123-2(0-5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	139990	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	491558	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	214888	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	334051	20.000	ng	-0.01
76) Chrysene-d12	14.266	240	302426	20.000	ng	0.00
86) Perylene-d12	15.848	264	312619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	692619	79.528	ng	0.00
7) Phenol-d6	6.666	99	791097	73.679	ng	-0.01
23) Nitrobenzene-d5	7.619	82	468078	52.989	ng	-0.01
42) 2,4,6-Tribromophenol	10.895	330	172468	78.046	ng	-0.01
45) 2-Fluorobiphenyl	9.419	172	827179	59.444	ng	0.00
79) Terphenyl-d14	13.195	244	705558	45.130	ng	0.00
Target Compounds						
71) Phenanthrene	11.624	178	53445	3.062	ng	98
75) Fluoranthene	12.824	202	129163	7.251	ng	99
78) Pyrene	13.060	202	127924	5.259	ng	99
81) Benzo(a)anthracene	14.254	228	90712	4.289	ng	99
83) Chrysene	14.289	228	79561	4.017	ng	97
88) Benzo(b)fluoranthene	15.371	252	90717m	4.565	ng	
90) Benzo(a)pyrene	15.777	252	64550	3.488	ng	99

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

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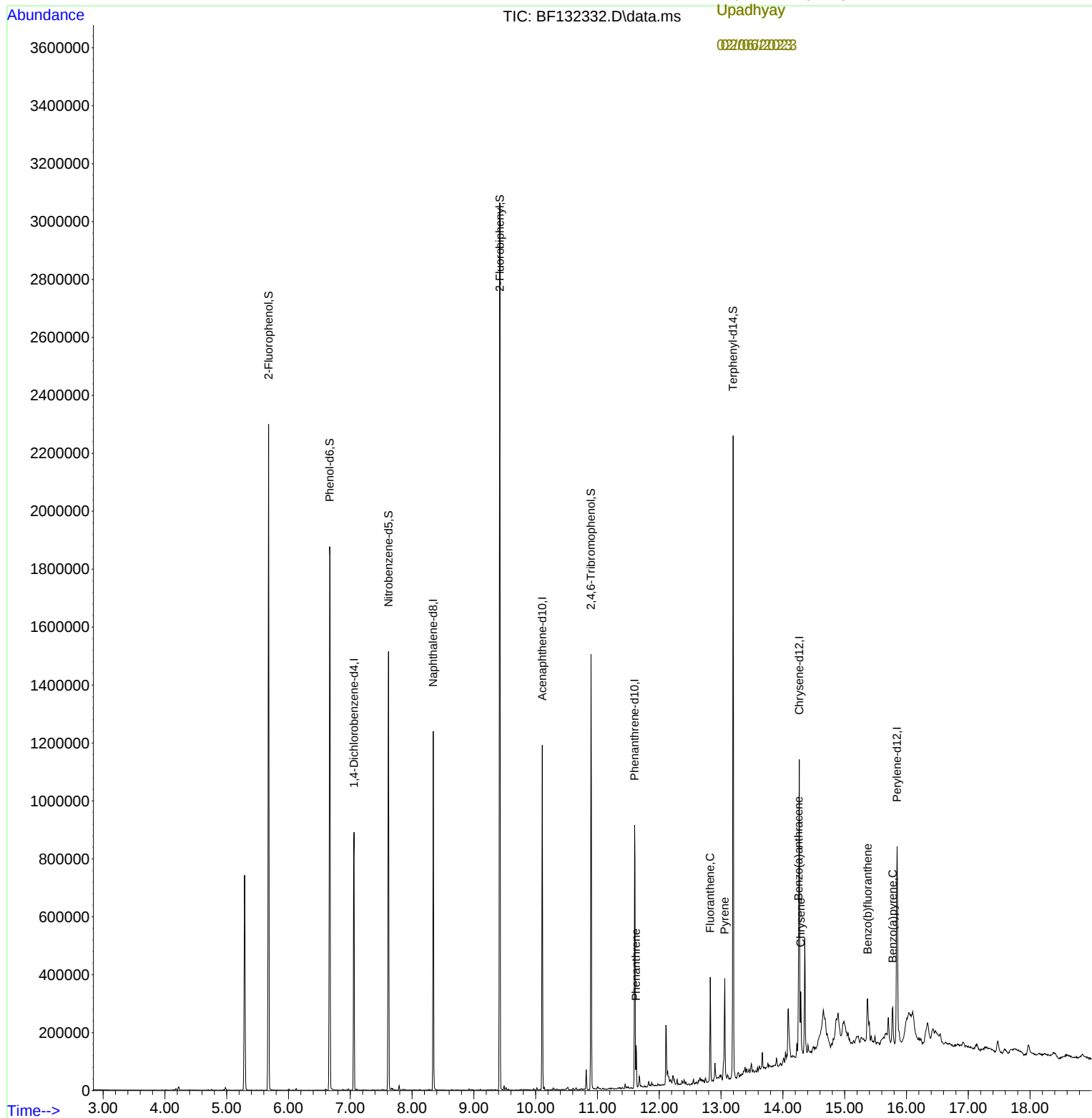
Quant Time: Feb 04 01:41:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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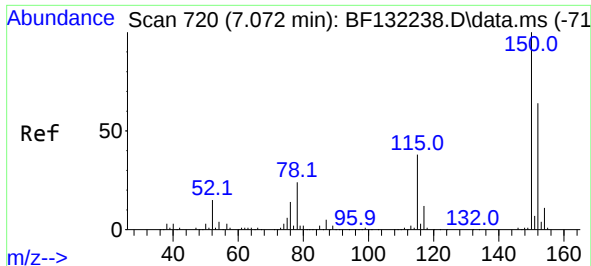
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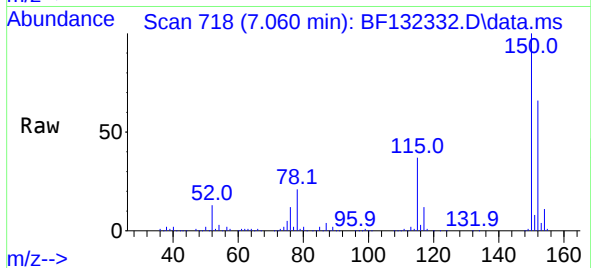
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)



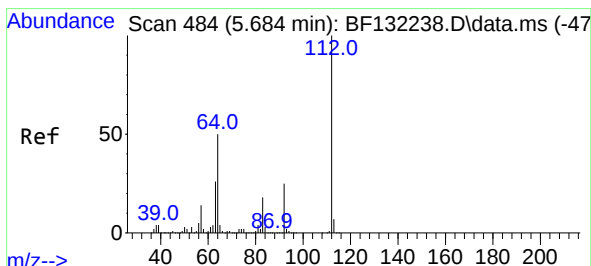
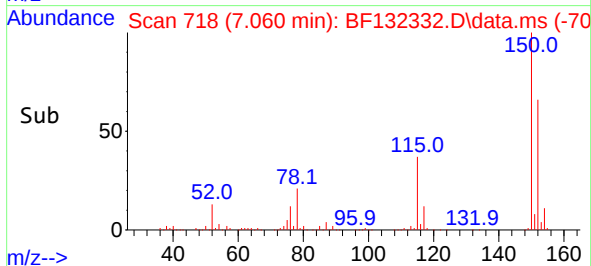
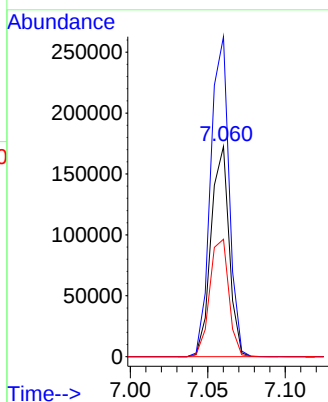
Tgt Ion:152 Resp: 139990
Ion Ratio Lower Upper
152 100
150 152.1 124.2 186.2
115 55.8 47.3 70.9

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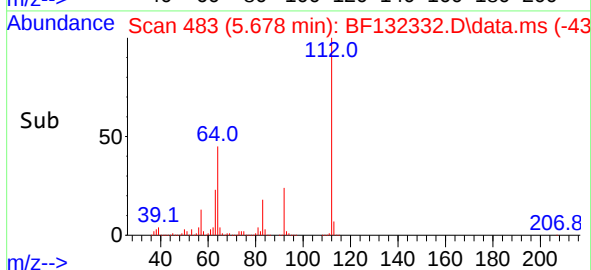
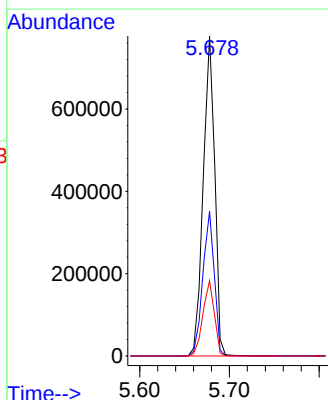
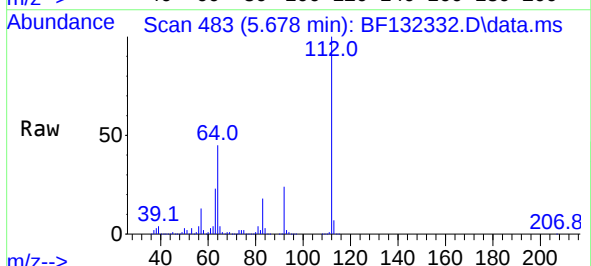
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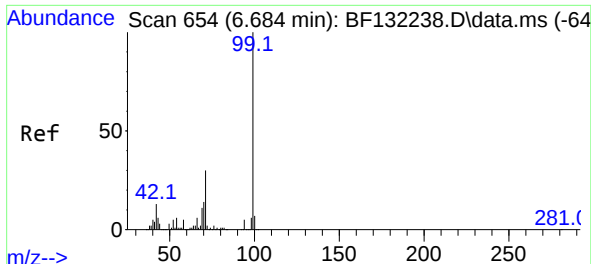
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#5
2-Fluorophenol
Concen: 79.528 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.000 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

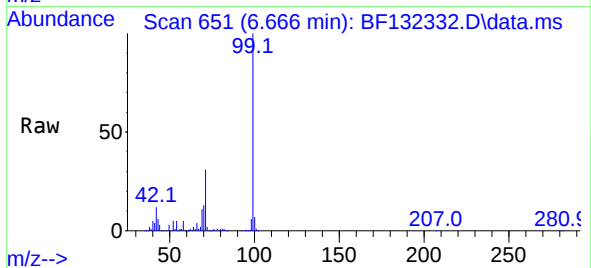
Tgt Ion:112 Resp: 692619
Ion Ratio Lower Upper
112 100
64 45.2 40.0 60.0
63 23.5 20.5 30.7





#7
Phenol-d6
Concen: 73.679 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)



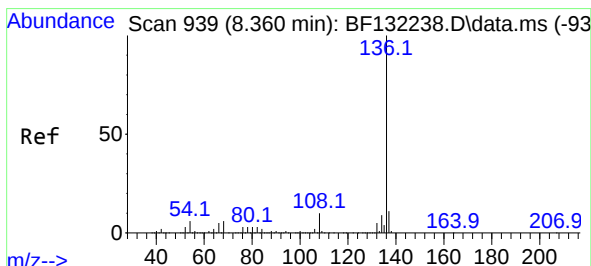
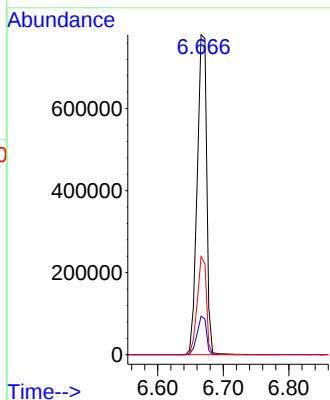
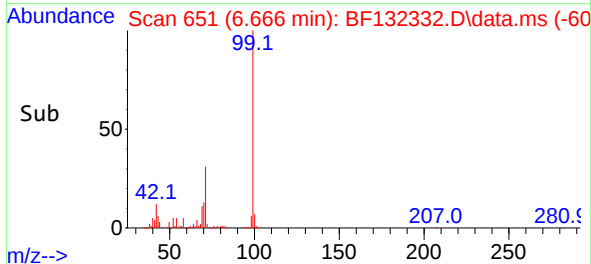
Tgt Ion: 99 Resp: 79109
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 30.7 24.2 36.4

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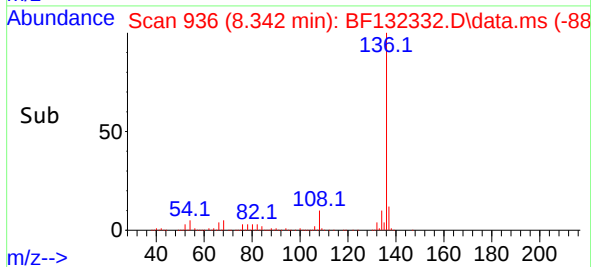
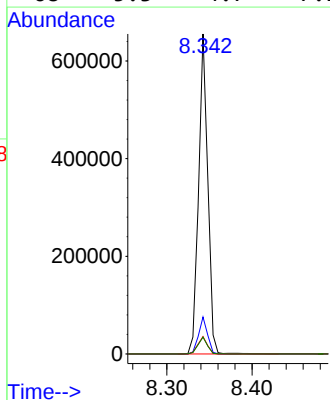
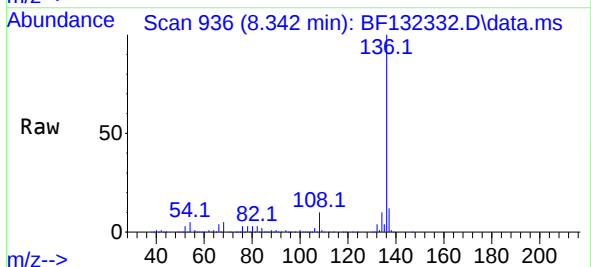
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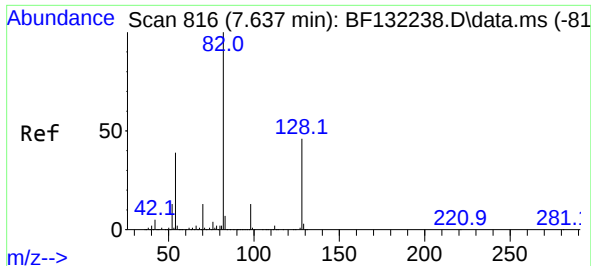
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

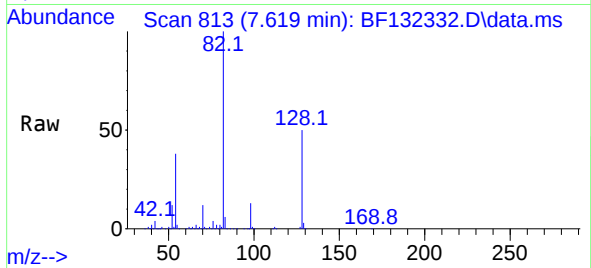
Tgt Ion:136 Resp: 491558
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.5 4.9 7.3
68 5.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 52.989 ng
RT: 7.619 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
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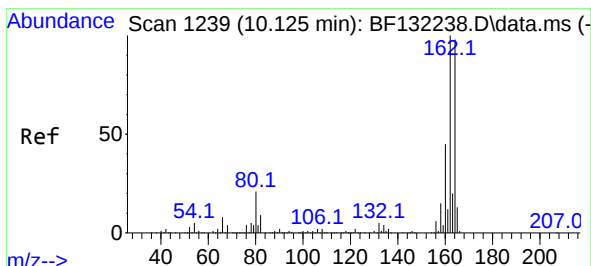
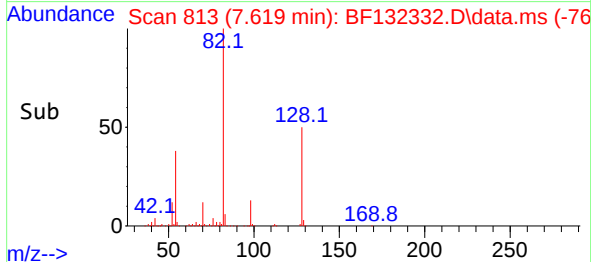
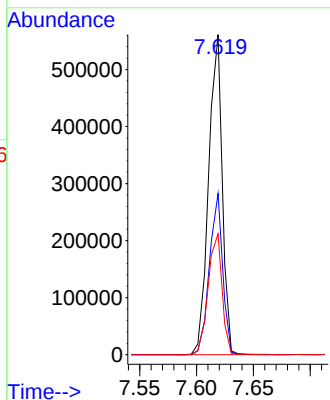
Tgt Ion: 82 Resp: 468078
Ion Ratio Lower Upper
82 100
128 50.3 37.0 55.4
54 37.8 31.5 47.3

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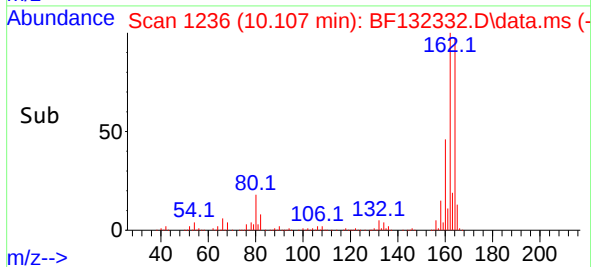
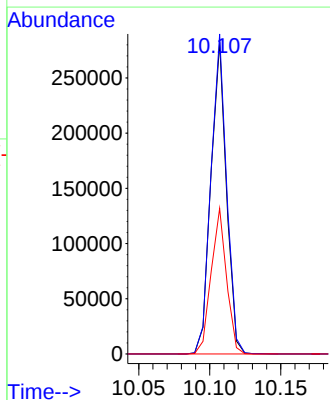
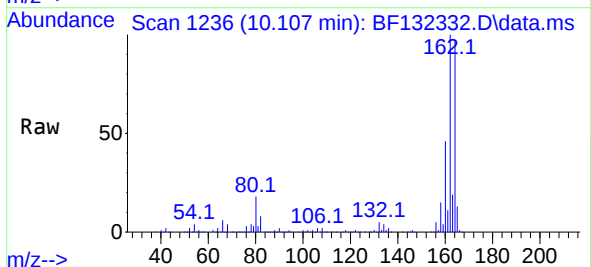
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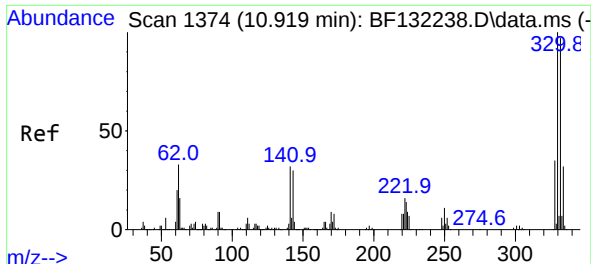
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

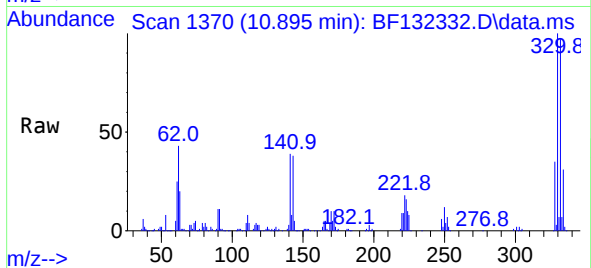
Tgt Ion:164 Resp: 214888
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 46.7 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 78.046 ng
RT: 10.895 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
BNA_F
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SASP2-123-2(0-5)



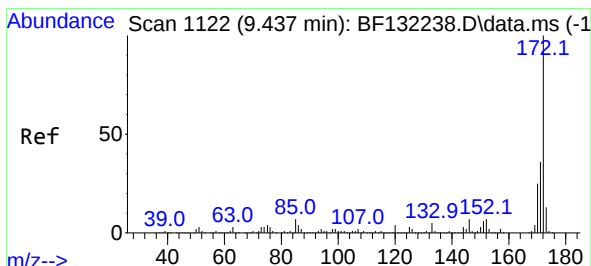
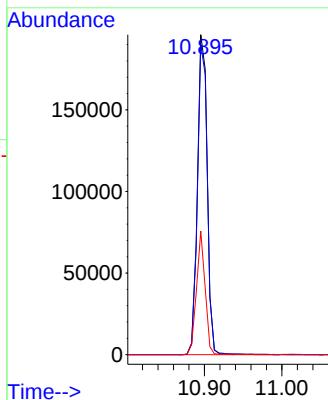
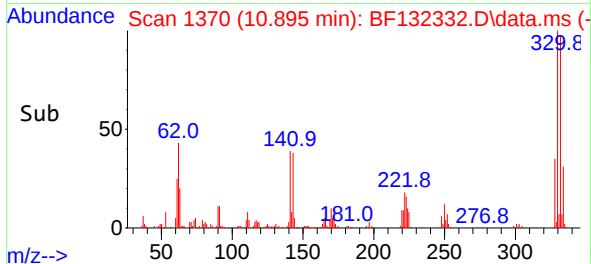
Tgt Ion:330 Resp: 172468
Ion Ratio Lower Upper
330 100
332 97.3 77.9 116.9
141 34.1 31.0 46.4

Manual Integrations
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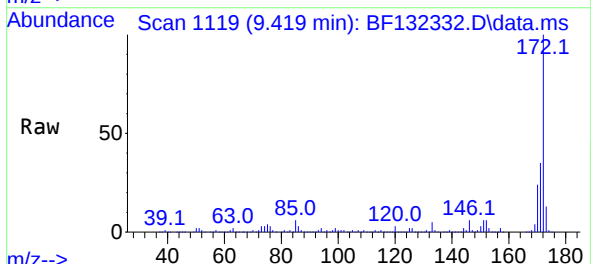
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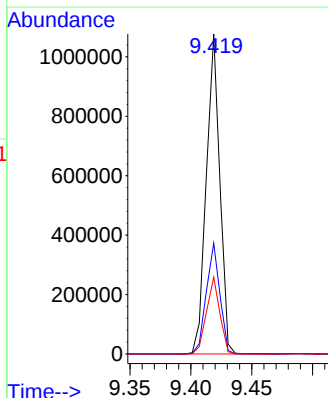
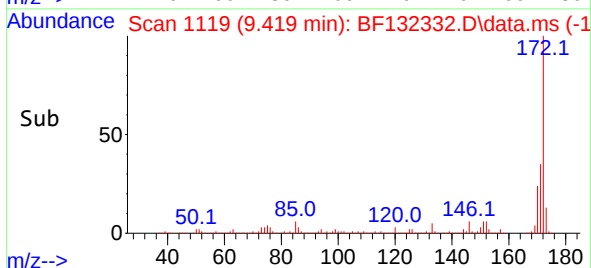
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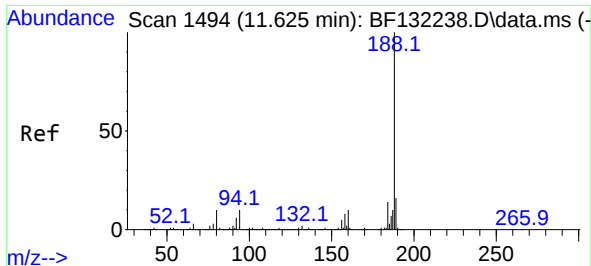


#45
2-Fluorobiphenyl
Concen: 59.444 ng
RT: 9.419 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41



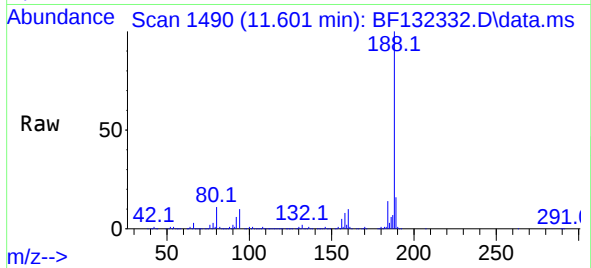
Tgt Ion:172 Resp: 827179
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 24.0 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

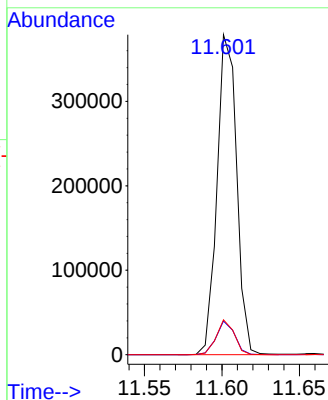
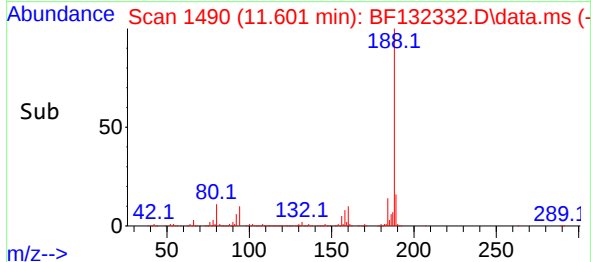
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion:188 Resp: 33405
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 10.9 8.3 12.5

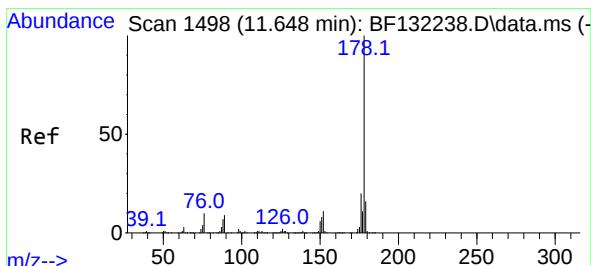
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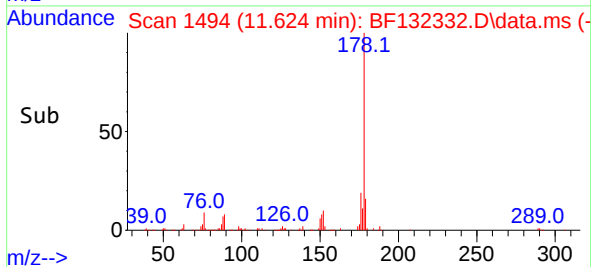
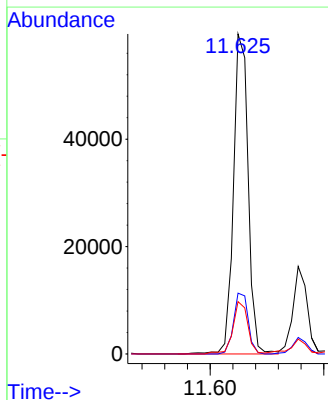
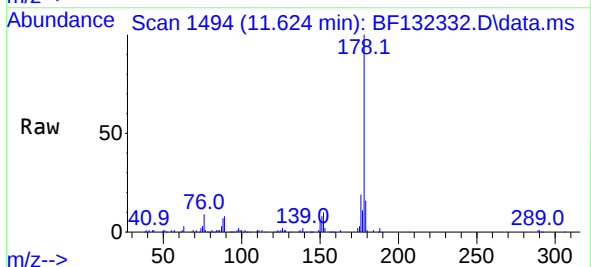
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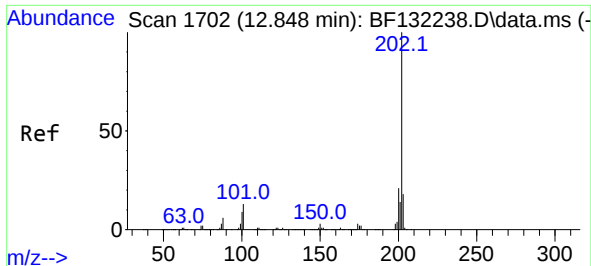
02/06/2023



#71
Phenanthrene
Concen: 3.062 ng
RT: 11.624 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

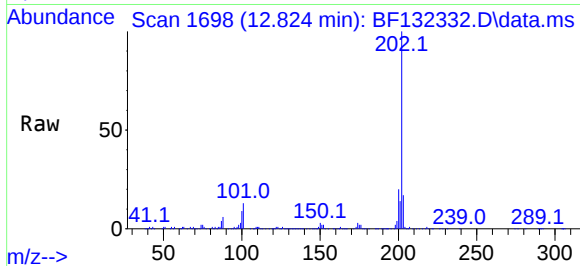
Tgt Ion:178 Resp: 53445
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 16.4 12.8 19.2





#75
Fluoranthene
Concen: 7.251 ng
RT: 12.824 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
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ClientSampleId :
SASP2-123-2(0-5)



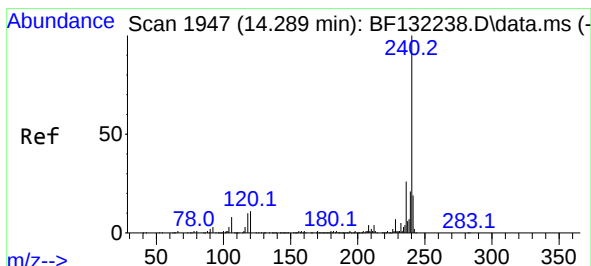
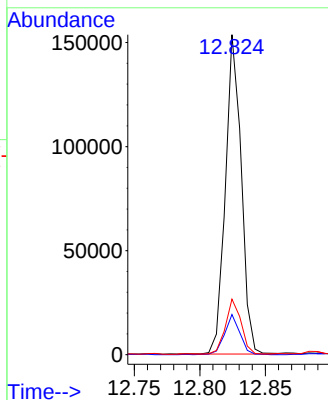
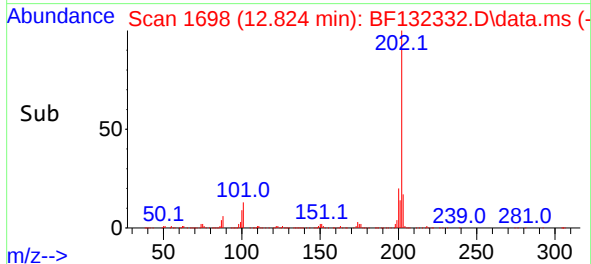
Tgt Ion:202 Resp: 12916
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.7
203 17.4 0.0 37.9

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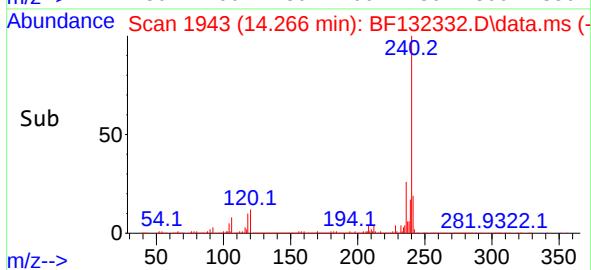
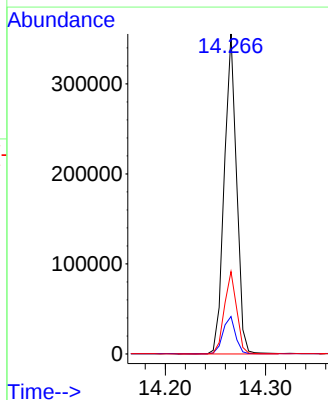
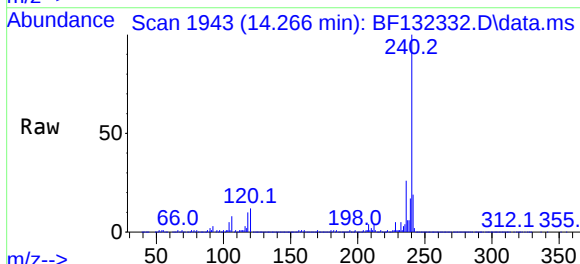
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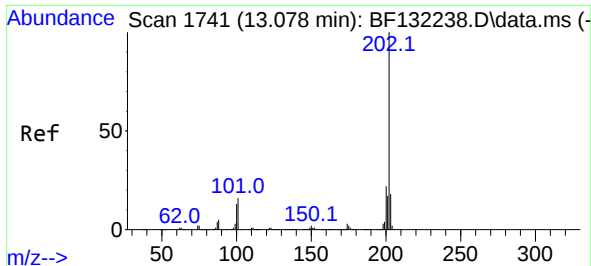
02/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

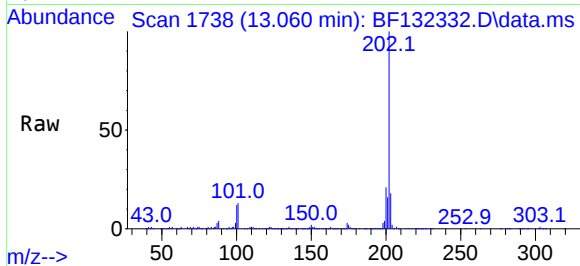
Tgt Ion:240 Resp: 302426
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.7 21.0 31.6





#78
Pyrene
Concen: 5.259 ng
RT: 13.060 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Instrument :
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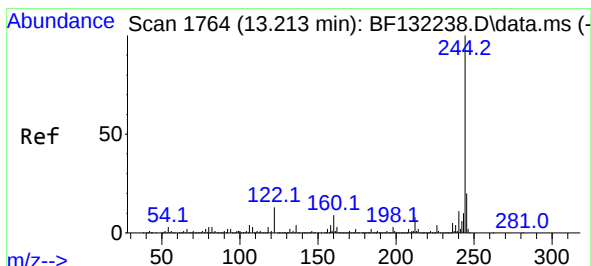
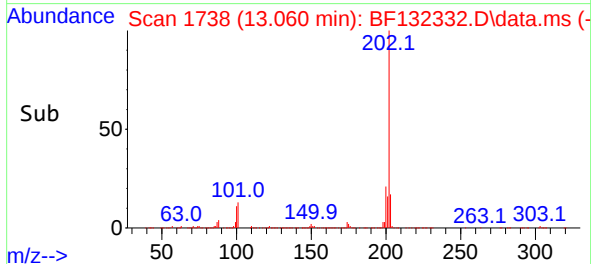
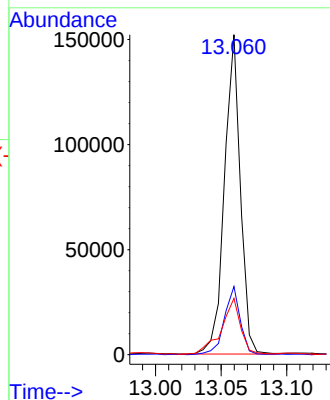
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Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.6 14.4 21.6

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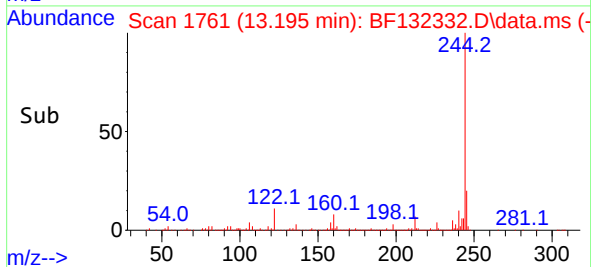
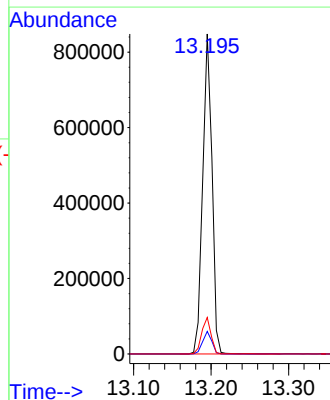
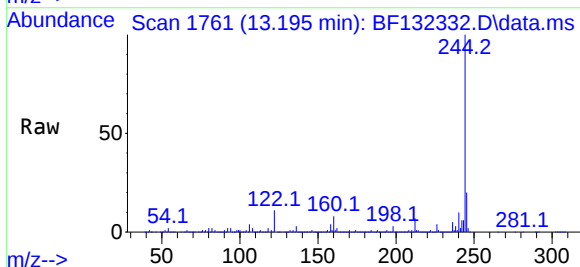
02/06/2023
Supervised By :Jagrut
Upadhyay

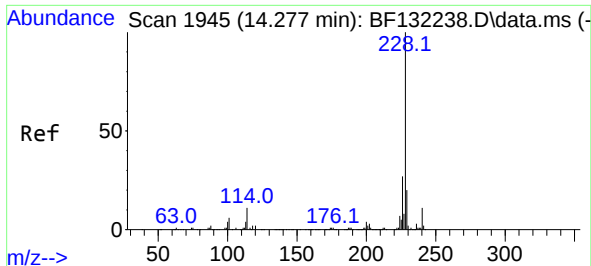
02/06/2023



#79
Terphenyl-d14
Concen: 45.130 ng
RT: 13.195 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

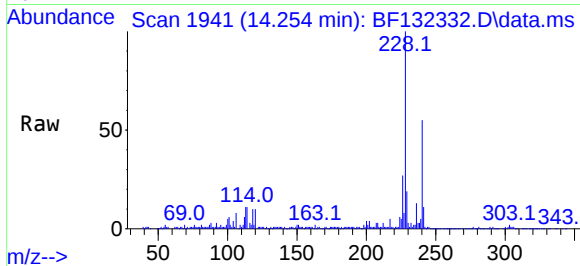
Tgt Ion:244 Resp: 705558
Ion Ratio Lower Upper
244 100
212 7.1 6.4 9.6
122 11.4 10.5 15.7





#81
Benzo(a)anthracene
Concen: 4.289 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

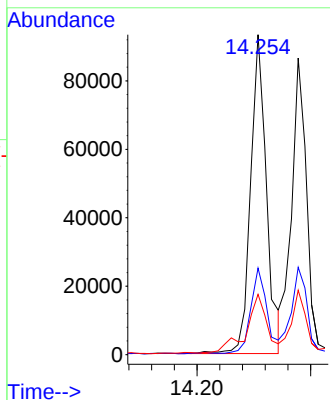
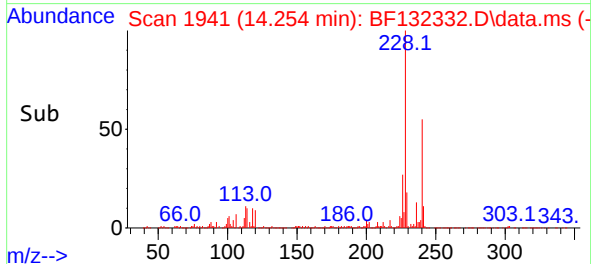
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion:228 Resp: 90712
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 18.8 15.8 23.6

Manual Integrations
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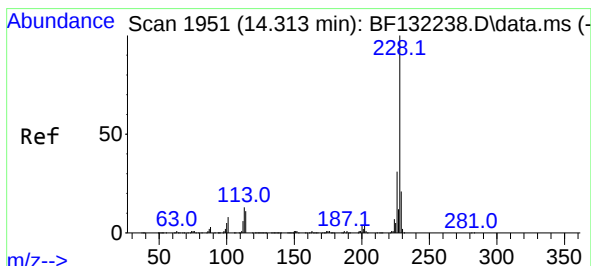
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



02/06/2023

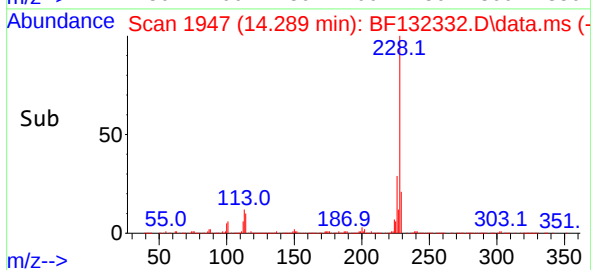
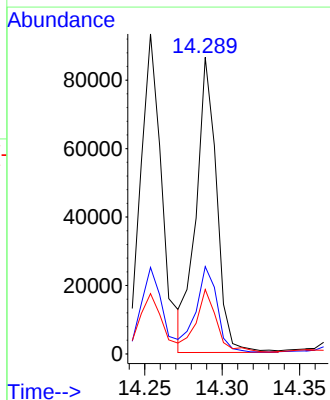
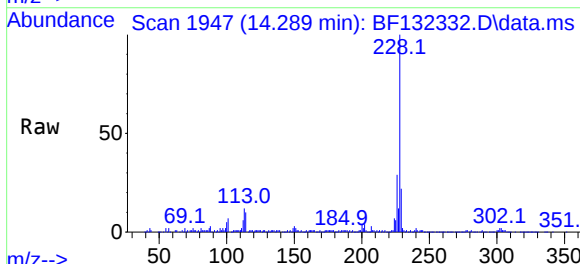
Supervised By :Jagrut
Upadhyay

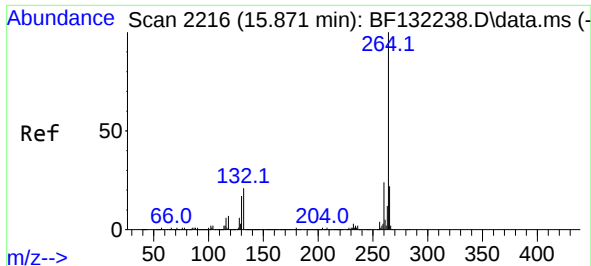
02/06/2023



#83
Chrysene
Concen: 4.017 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

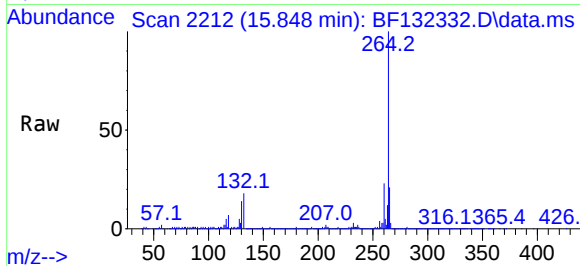
Tgt Ion:228 Resp: 79561
Ion Ratio Lower Upper
228 100
226 29.4 24.9 37.3
229 21.7 16.4 24.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

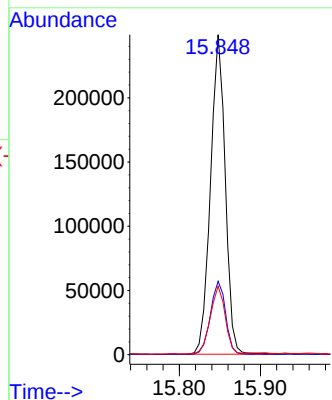
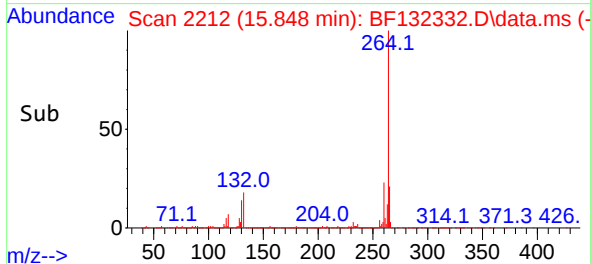
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion:264 Resp: 312619
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.4 17.4 26.2

Manual Integrations
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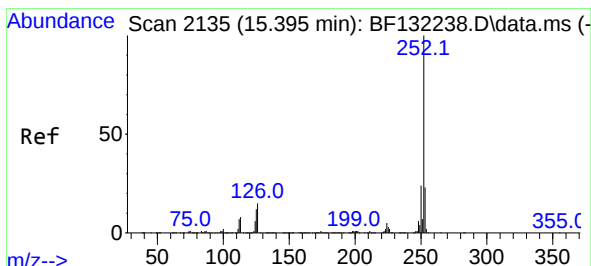
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



02/06/2023

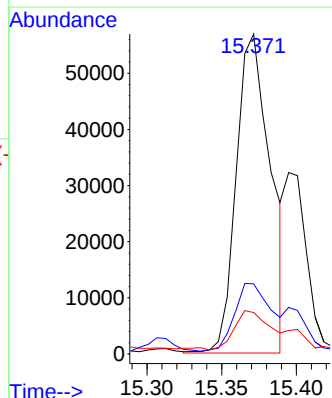
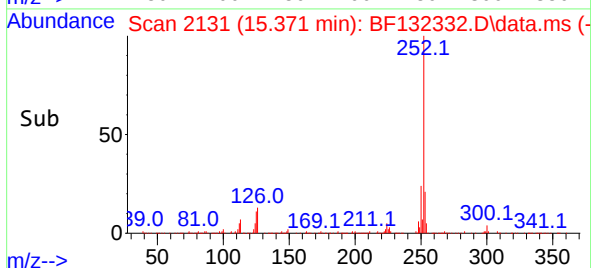
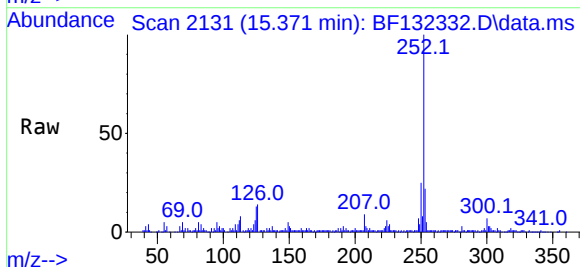
Supervised By :Jagrut
Upadhyay

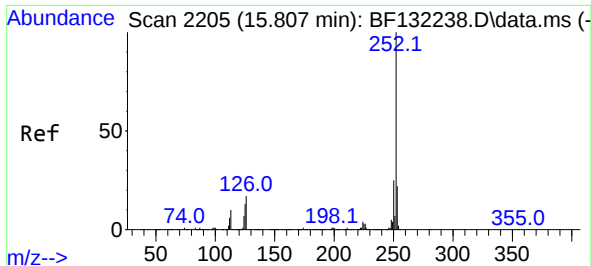
02/06/2023



#88
Benzo(b)fluoranthene
Concen: 4.565 ng m
RT: 15.371 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Tgt Ion:252 Resp: 90717
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.0 9.6 14.4





#90

Benzo(a)pyrene

Concen: 3.488 ng

RT: 15.777 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF132332.D

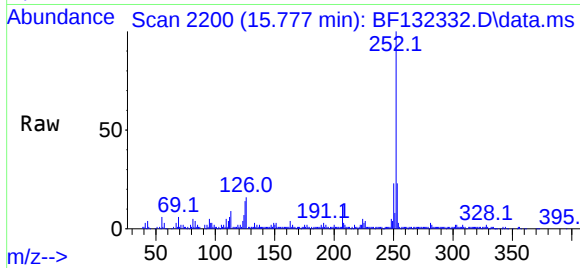
Acq: 03 Feb 2023 20:41

Instrument :

BNA_F

ClientSampleId :

SASP2-123-2(0-5)



Tgt Ion:252	Resp:	64550
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.8 26.8
125	13.6	10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023

02/06/2023

Supervised By :Jagrut
Upadhyay

02/06/2023

