

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)

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

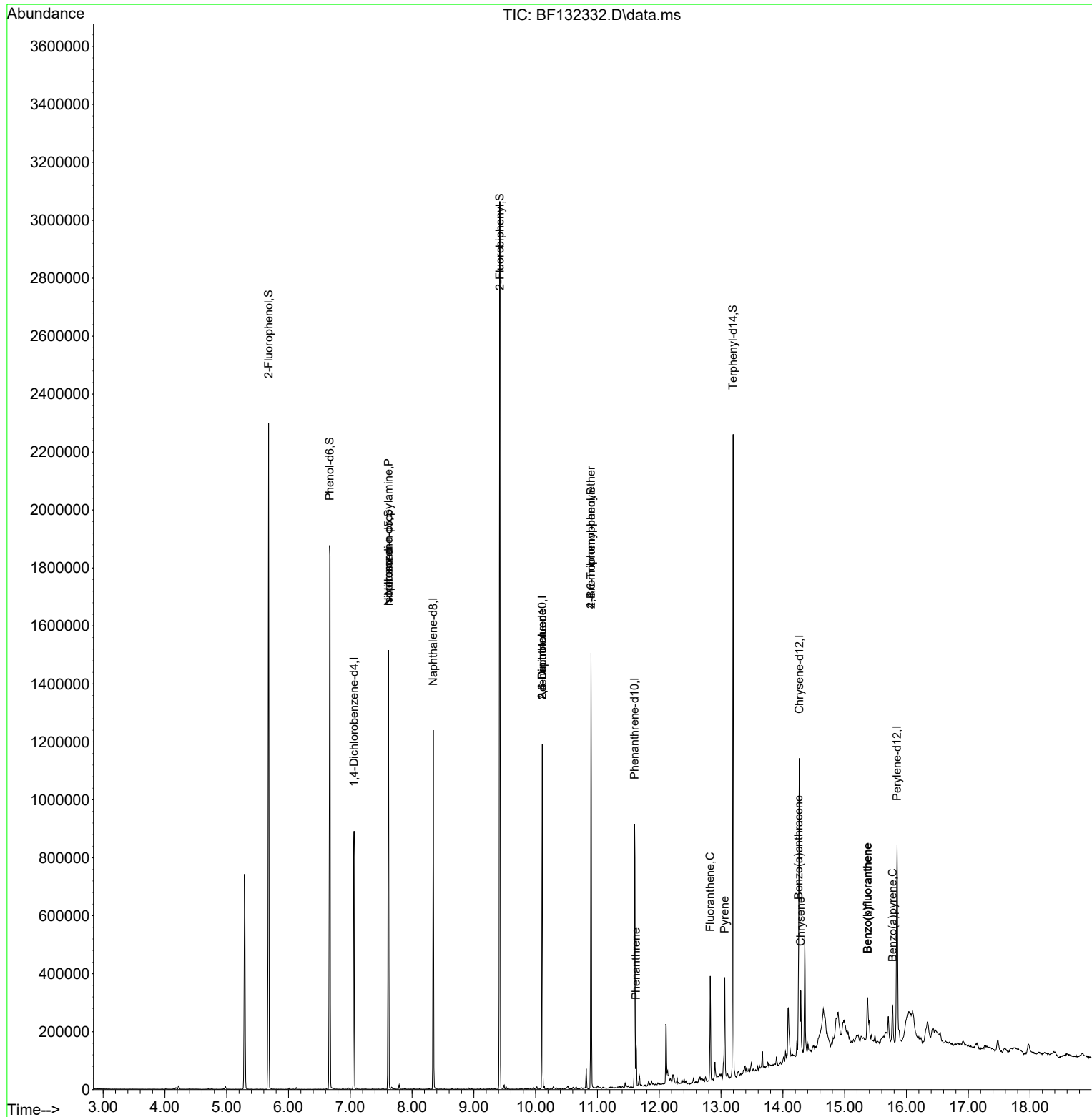
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	139990	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	491558	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	214888	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	334051	20.000	ng	-0.01
76) Chrysene-d12	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						
9) Benzaldehyde	6.607	77	231	Below Cal	Qvalue	# 85
19) n-Nitroso-di-n-propyla...	7.619	70	56825	9.317 ng	#	76
25) Isophorone	7.619	82	468066	27.918 ng	#	64
51) 2,6-Dinitrotoluene	10.107	165	27597	8.220 ng	#	24
57) 2,4-Dinitrotoluene	10.107	165	27597	6.328 ng	#	23
67) 4-Bromophenyl-phenylether	10.895	248	10405	3.042 ng	#	1
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	122390	6.159 ng		98
89) Benzo(k)fluoranthene	15.371	252	122390	6.452 ng		97
90) Benzo(a)pyrene	15.777	252	64550	3.488 ng		99

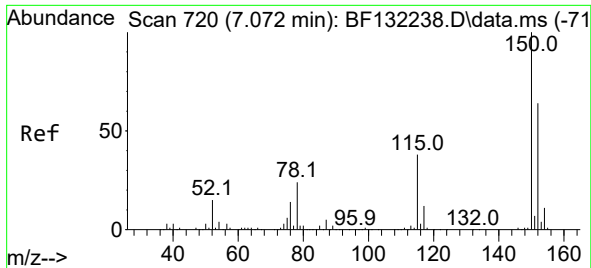
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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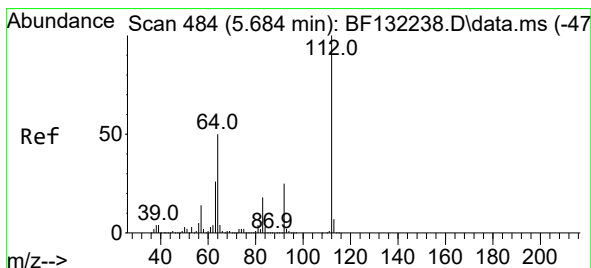
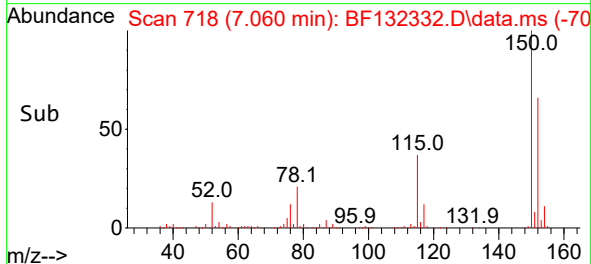
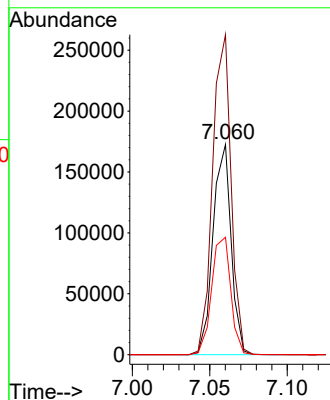
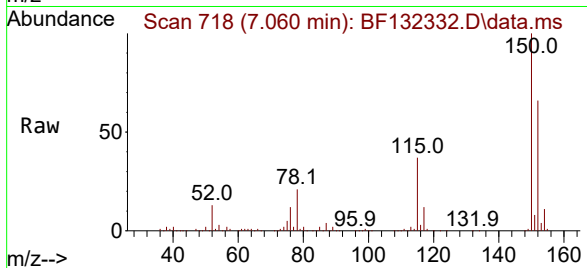




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

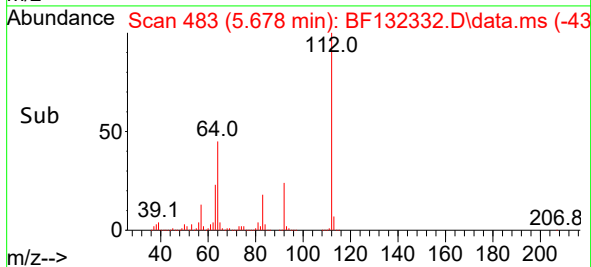
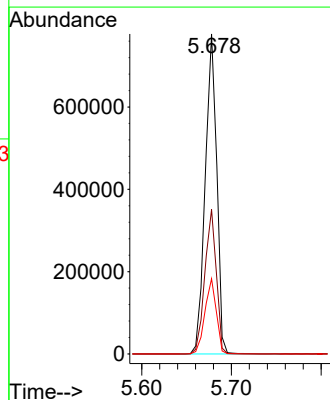
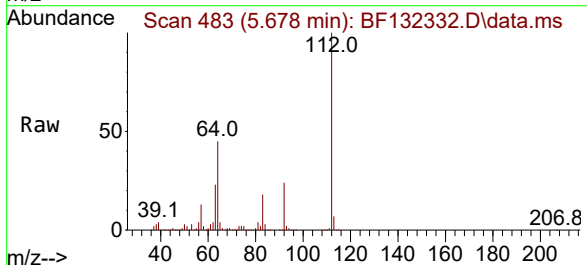
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BNA_F
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SASP2-123-2(0-5)

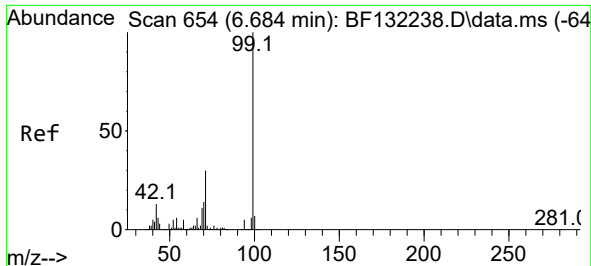
Tgt Ion:152 Resp: 139990
Ion Ratio Lower Upper
152 100
150 152.1 124.2 186.2
115 55.8 47.3 70.9



#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

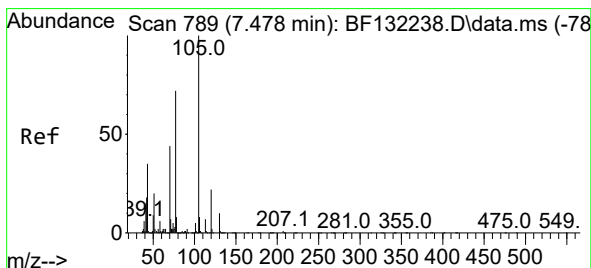
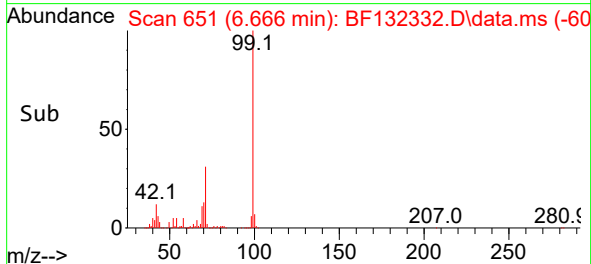
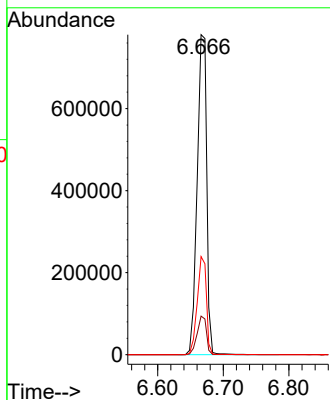
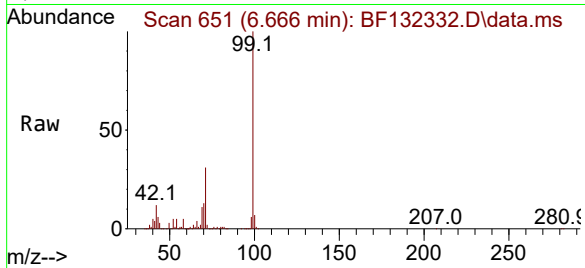




#7
Phenol-d6
Concen: 73.679 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

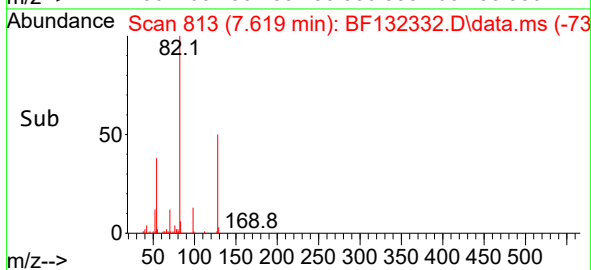
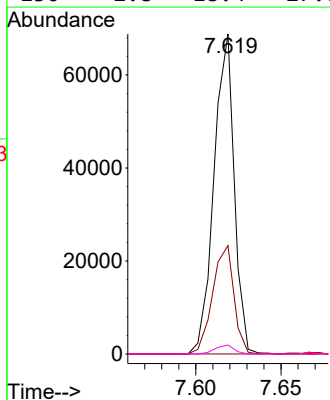
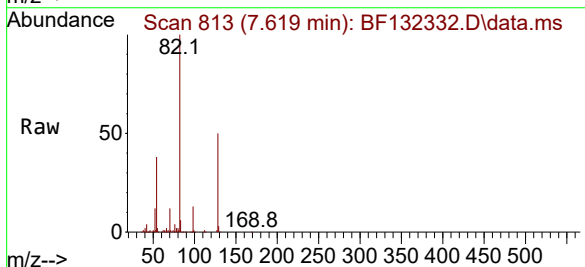
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ClientSampleId :
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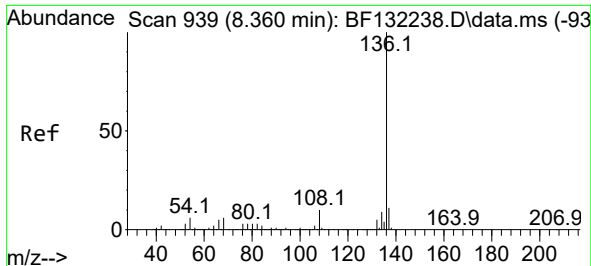
Tgt Ion: 99 Resp: 791097
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 30.7 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.317 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.147 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Tgt Ion: 70 Resp: 56825
Ion Ratio Lower Upper
70 100
42 33.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#



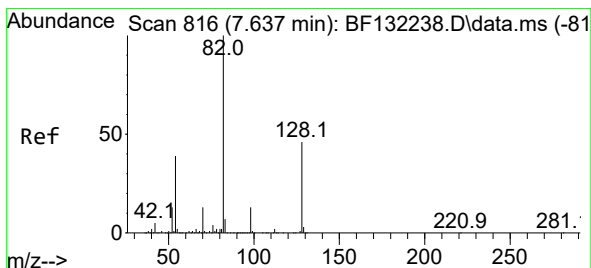
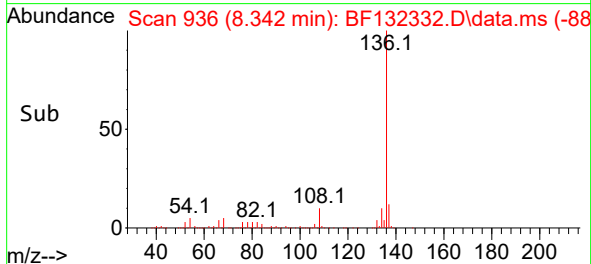
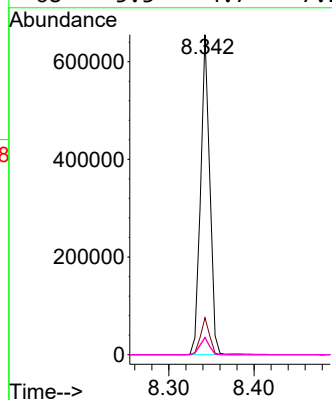
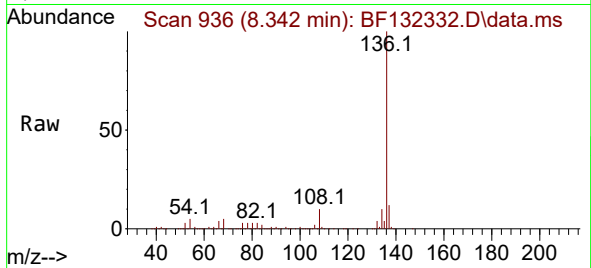


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

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

Tgt Ion:136 Resp: 491558

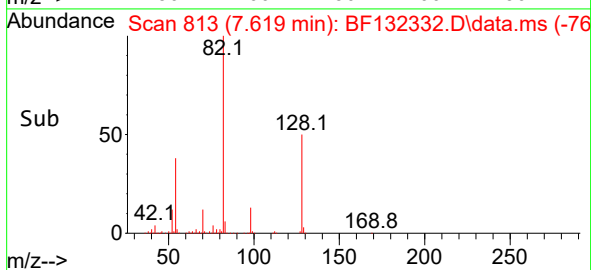
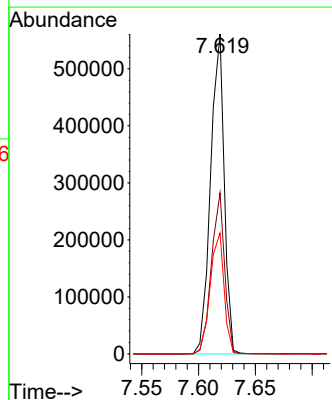
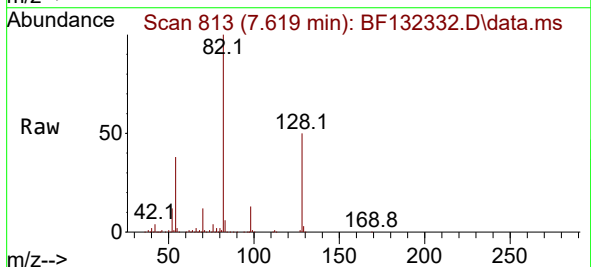
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.5	4.9	7.3
68	5.3	4.7	7.1

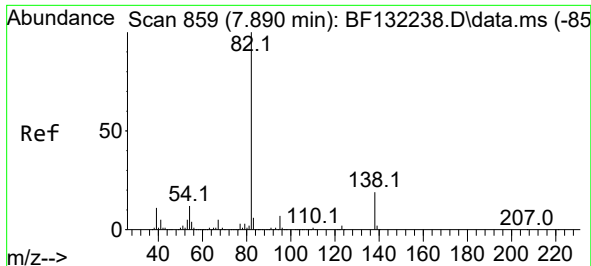


#23
Nitrobenzene-d5
Concen: 52.989 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

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

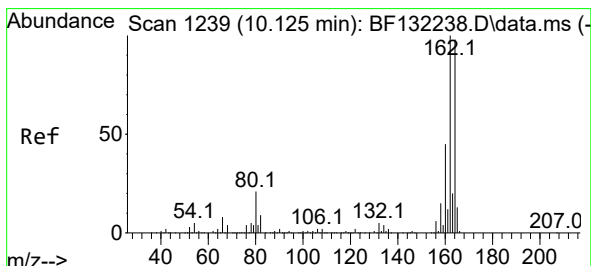
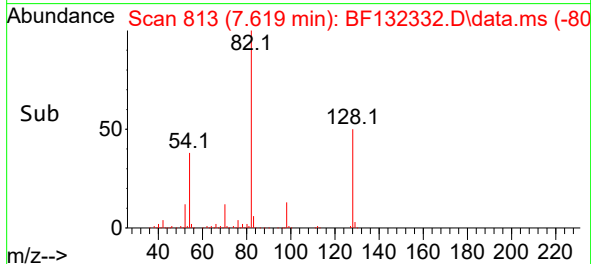
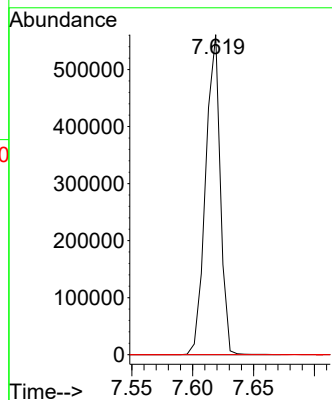
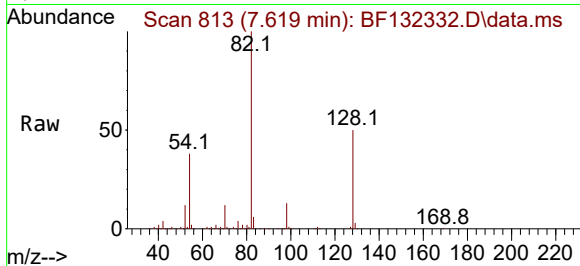




#25
Isophorone
Concen: 27.918 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

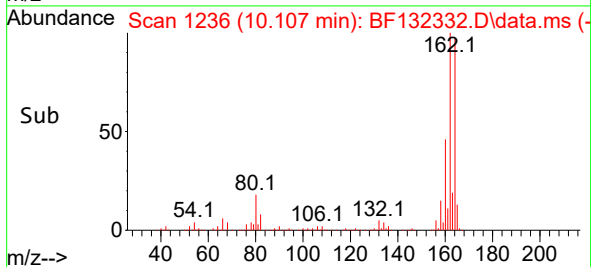
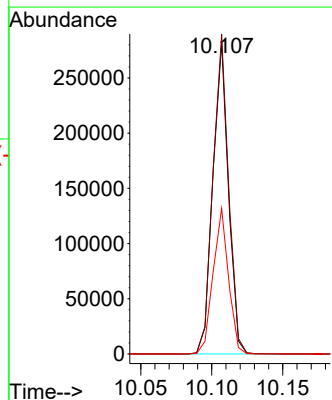
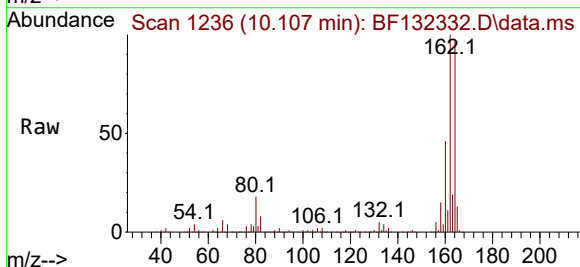
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)

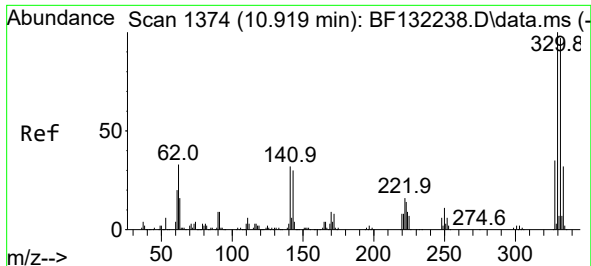
Tgt Ion: 82 Resp: 468066
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#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

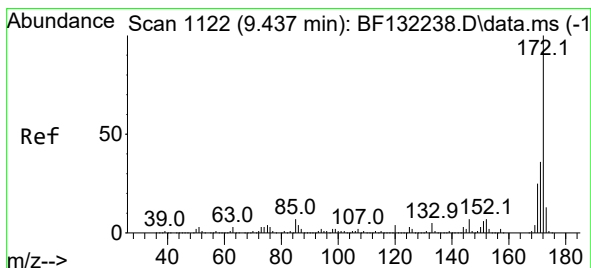
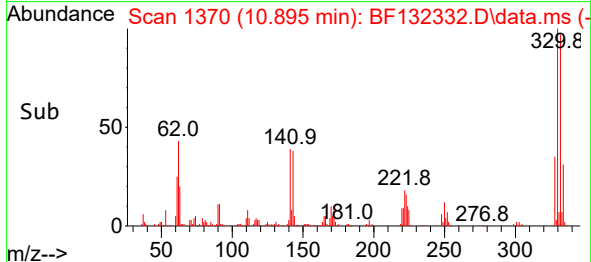
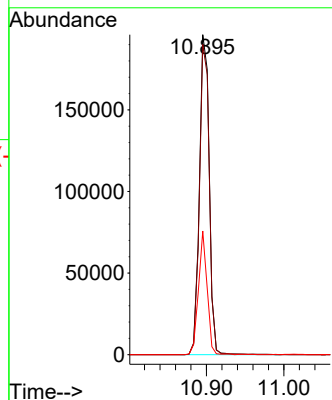
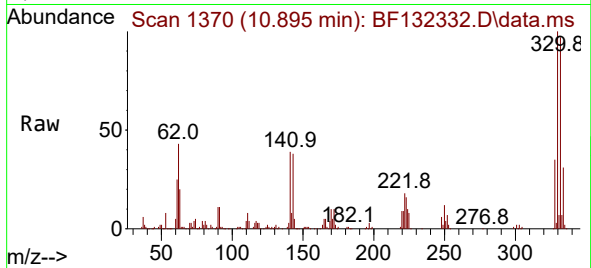




#42
2,4,6-Tribromophenol
Concen: 78.046 ng
RT: 10.895 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

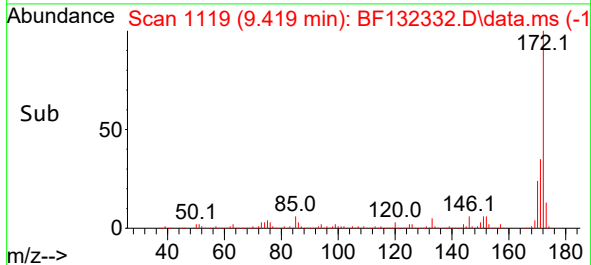
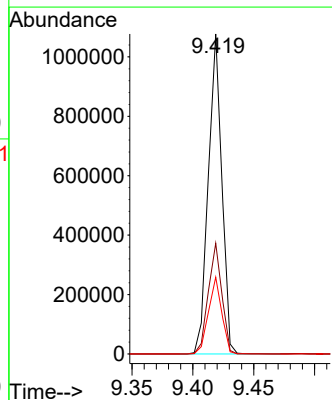
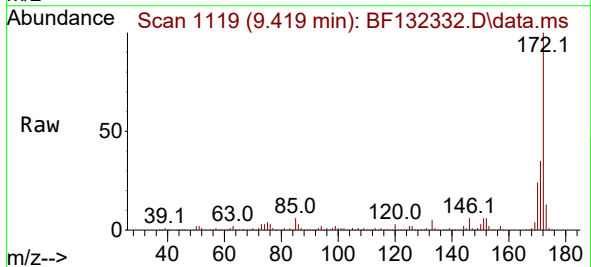
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SASP2-123-2(0-5)

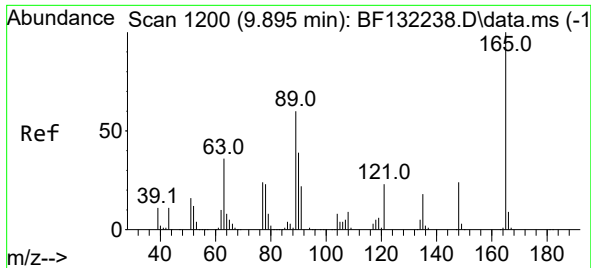
Tgt Ion:330 Resp: 172468
Ion Ratio Lower Upper
330 100
332 97.3 77.9 116.9
141 34.1 31.0 46.4



#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

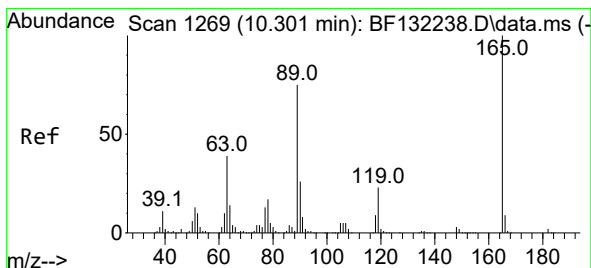
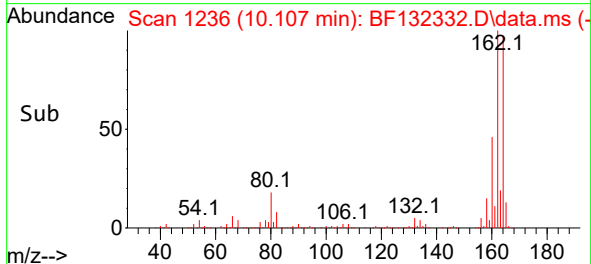
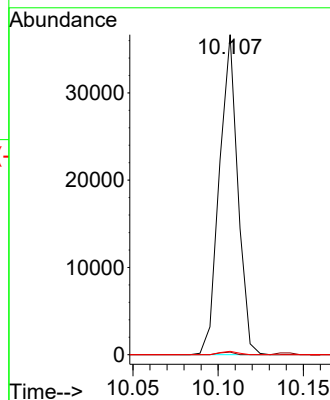
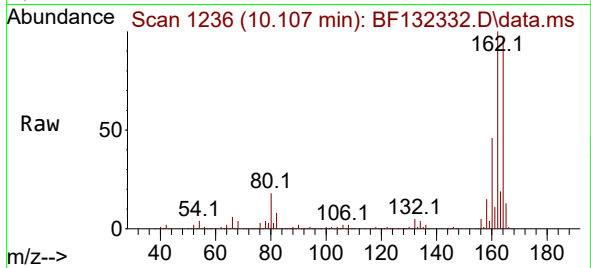




#51
2,6-Dinitrotoluene
Concen: 8.220 ng
RT: 10.107 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

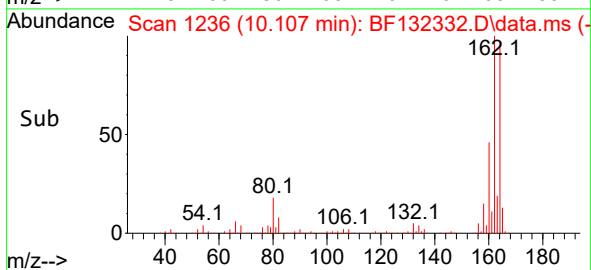
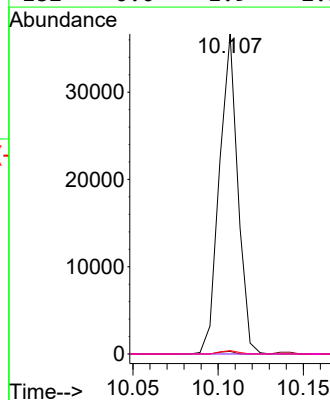
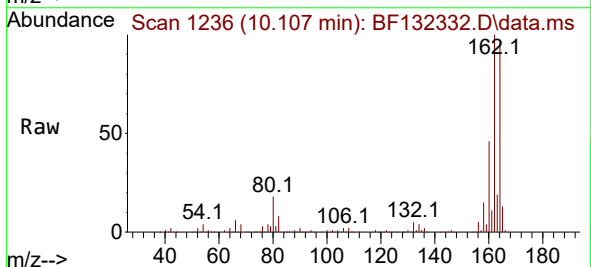
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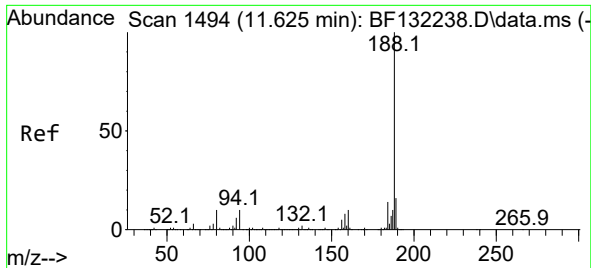
Tgt Ion:165 Resp: 27597
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.328 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.188 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Tgt Ion:165 Resp: 27597
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#

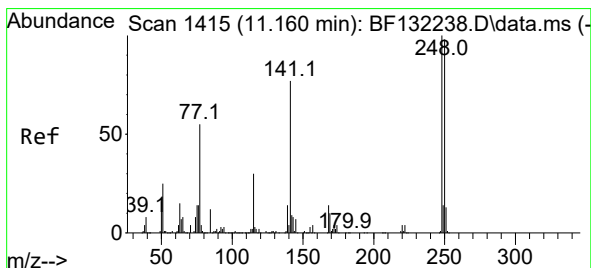
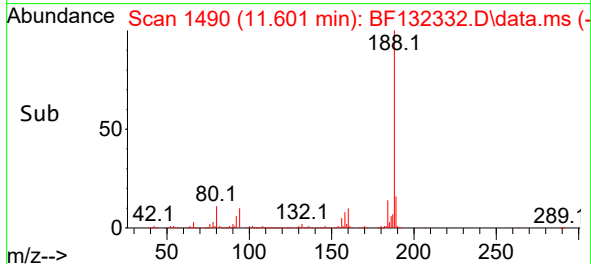
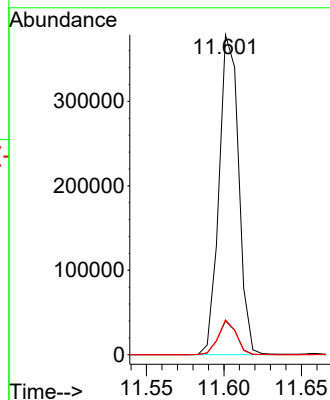
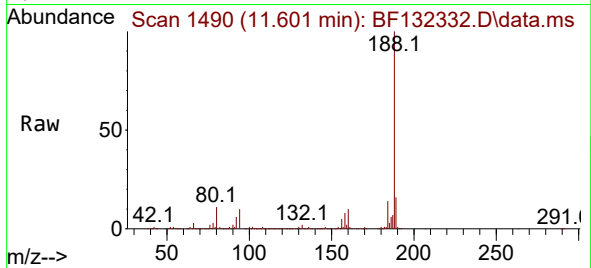




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

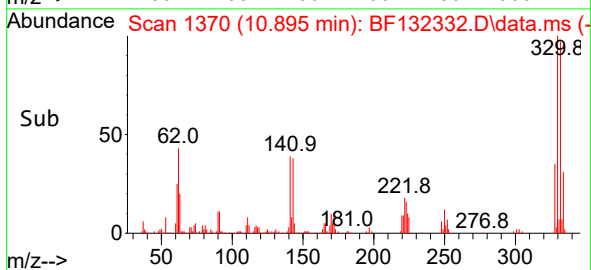
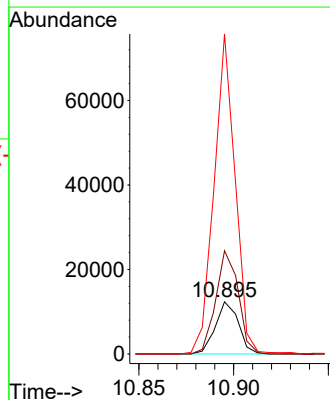
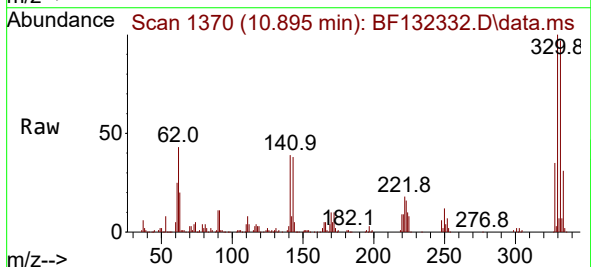
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SASP2-123-2(0-5)

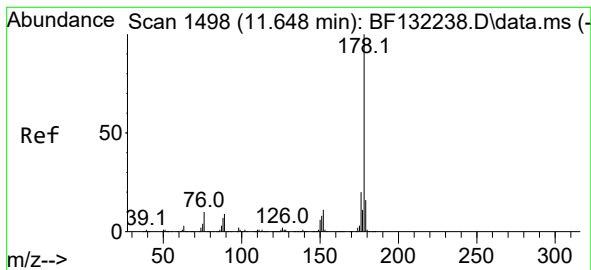
Tgt Ion:188 Resp: 334051
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 10.9 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.042 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.253 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Tgt Ion:248 Resp: 10405
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 614.2 61.6 92.4#





#71

Phenanthrene

Concen: 3.062 ng

RT: 11.624 min Scan# 1498

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)

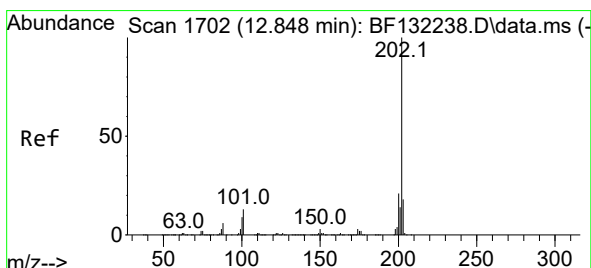
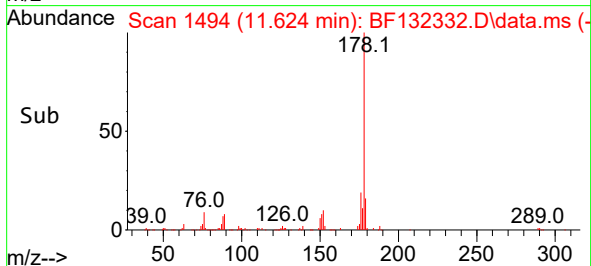
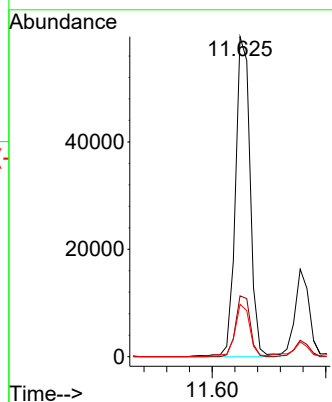
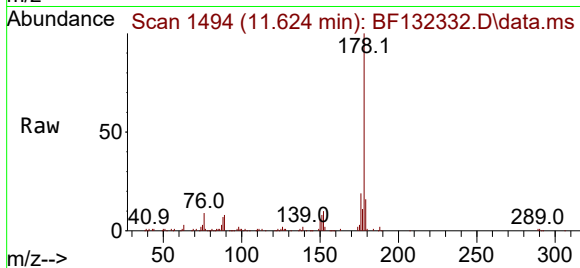
Tgt Ion:178 Resp: 53445

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

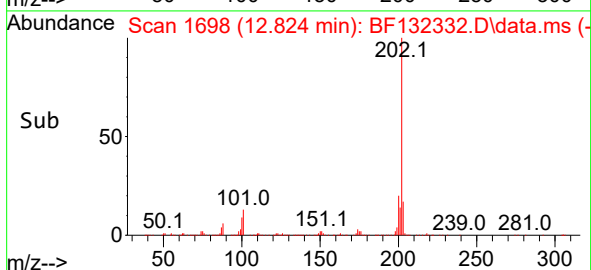
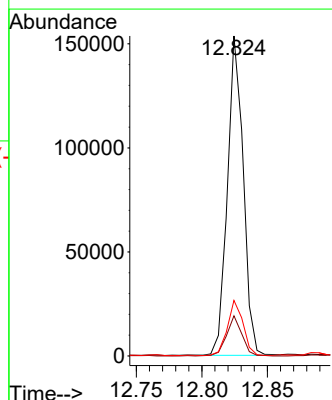
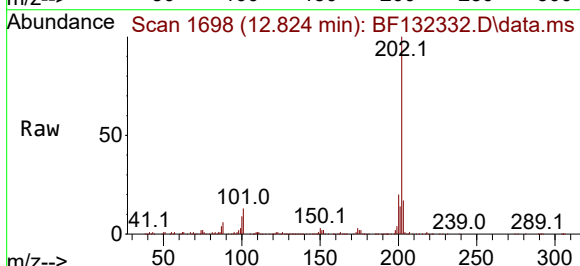
Tgt Ion:202 Resp: 129163

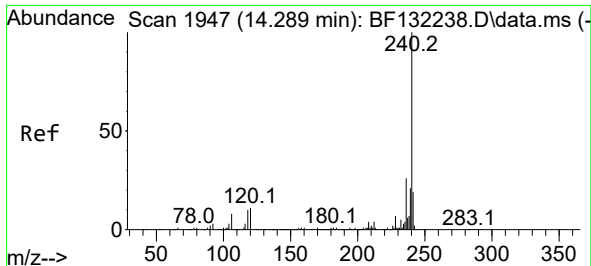
Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

203 17.4 0.0 37.9

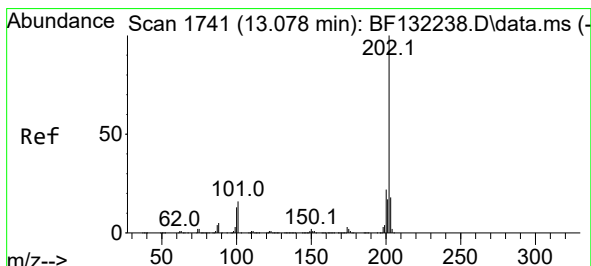
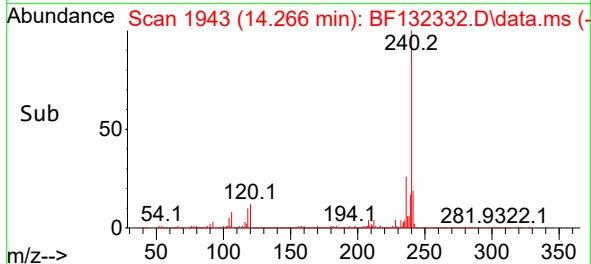
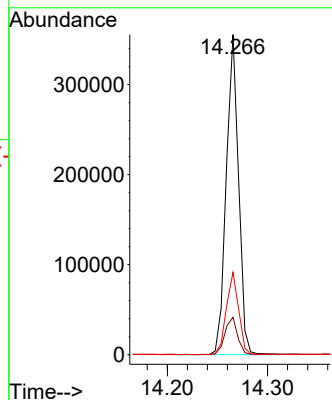
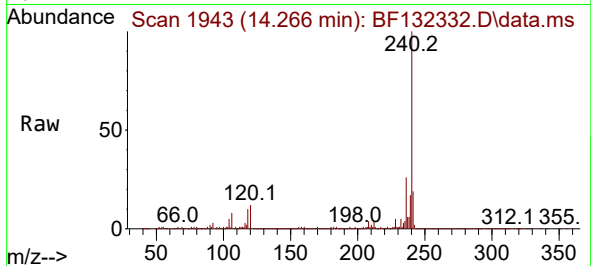




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

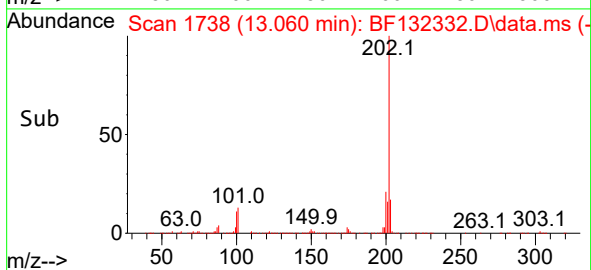
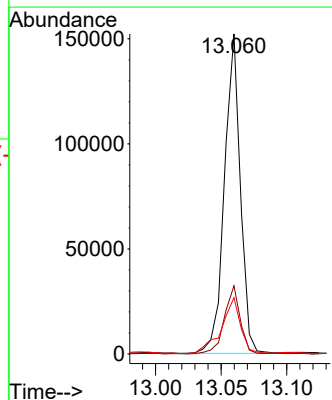
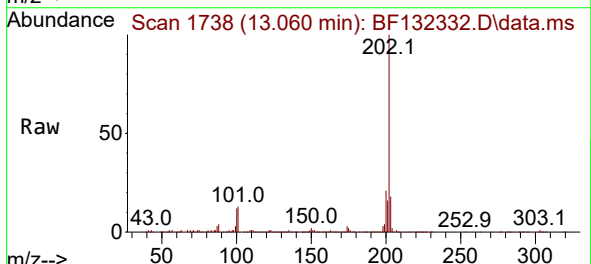
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)

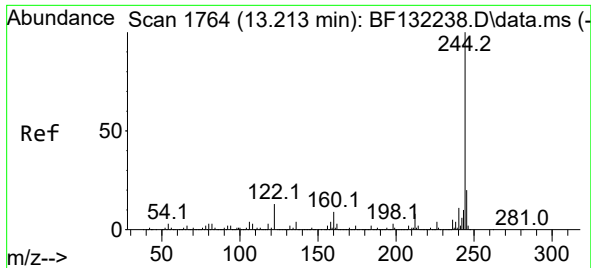
Tgt Ion:240 Resp: 302426
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.7 21.0 31.6



#78
Pyrene
Concen: 5.259 ng
RT: 13.060 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

Tgt Ion:202 Resp: 127924
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.6 14.4 21.6

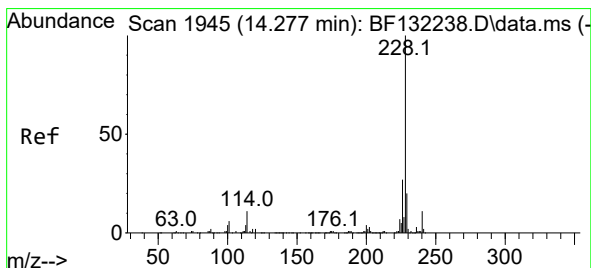
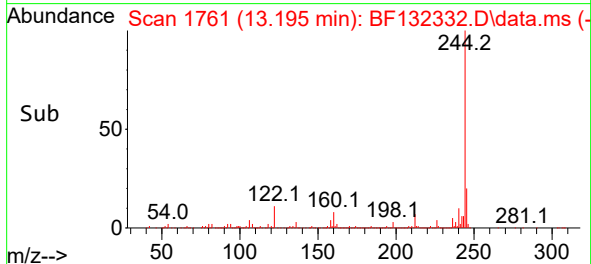
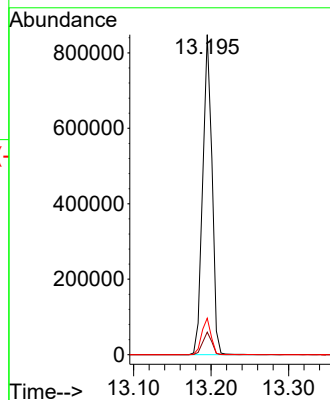
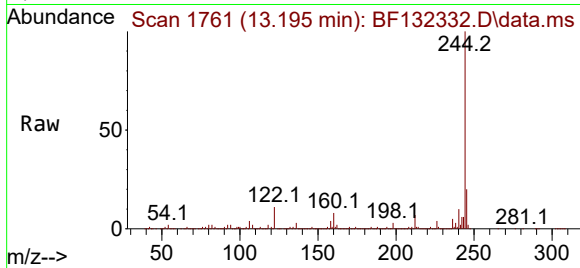




#79
 Terphenyl-d14
 Concen: 45.130 ng
 RT: 13.195 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132332.D
 Acq: 03 Feb 2023 20:41

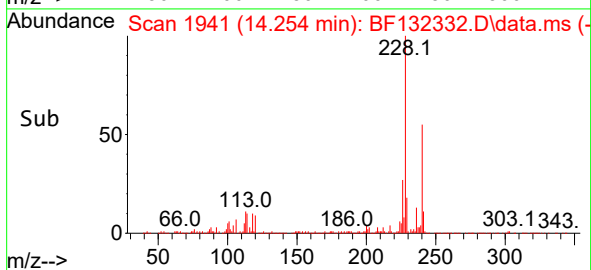
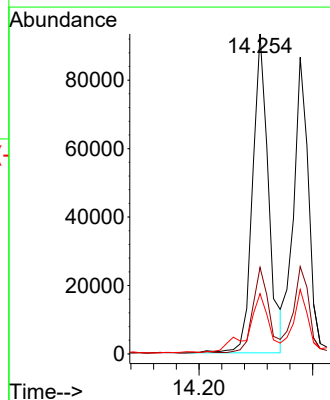
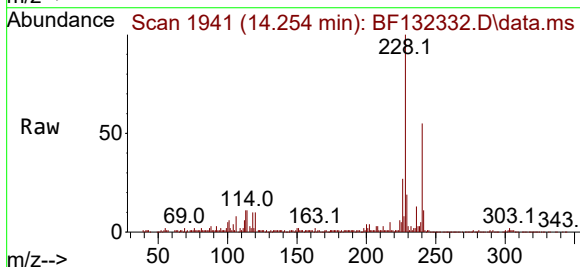
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-123-2(0-5)

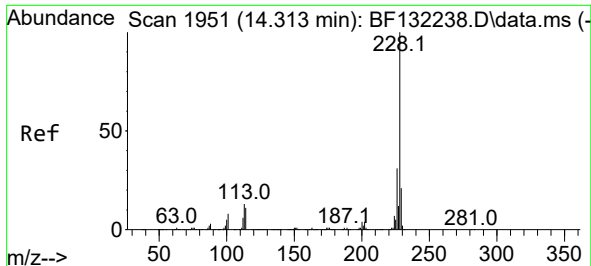
Tgt Ion:244 Resp: 705558
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 11.4 10.5 15.7



#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

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

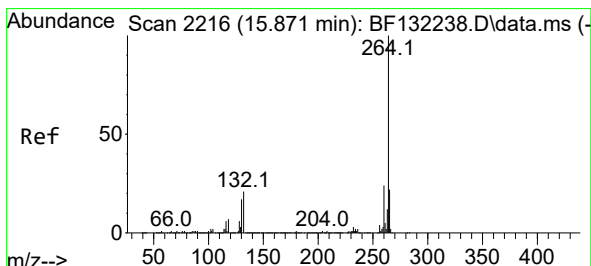
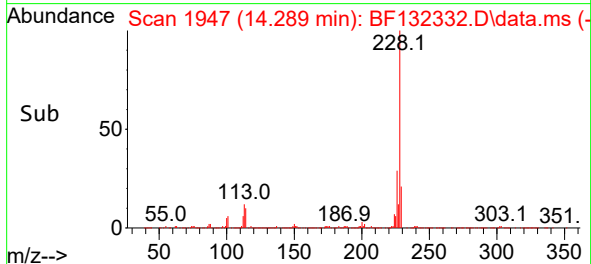
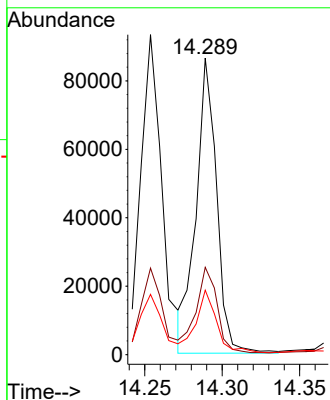
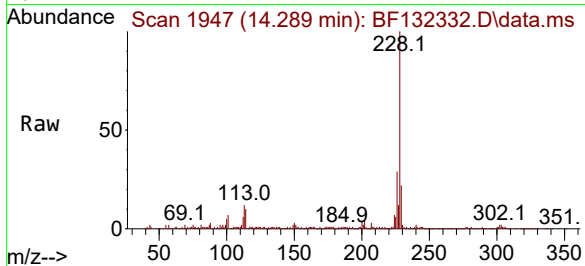




#83
Chrysene
Concen: 4.017 ng
RT: 14.289 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

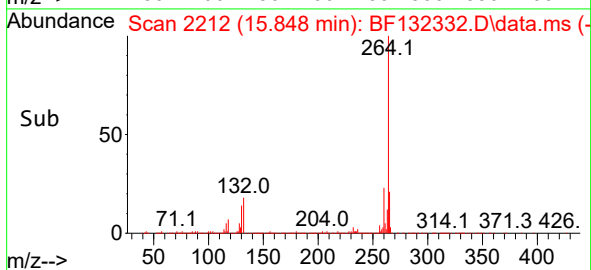
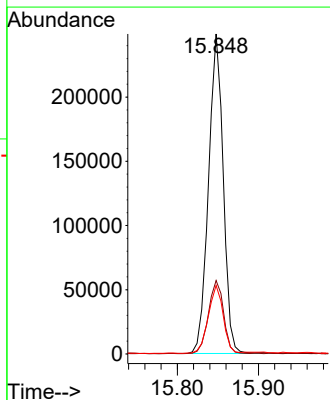
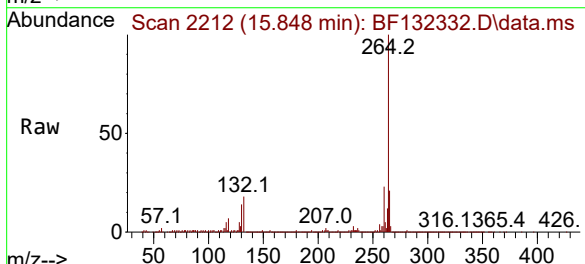
Instrument :
BNA_F
ClientSampleId :
SASP2-123-2(0-5)

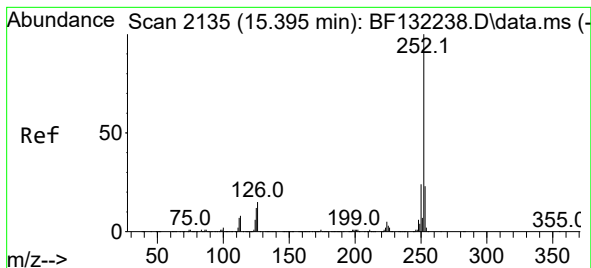
Tgt Ion:228 Resp: 79561
Ion Ratio Lower Upper
228 100
226 29.4 24.9 37.3
229 21.7 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF132332.D
Acq: 03 Feb 2023 20:41

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





#88

Benzo(b)fluoranthene

Concen: 6.159 ng

RT: 15.371 min Scan# 2131

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)

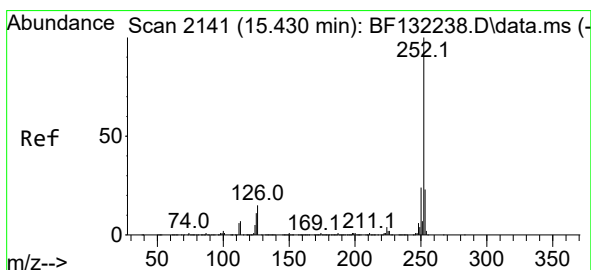
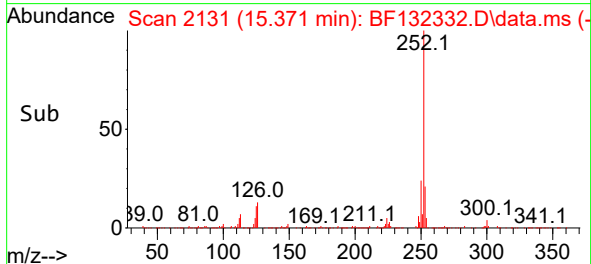
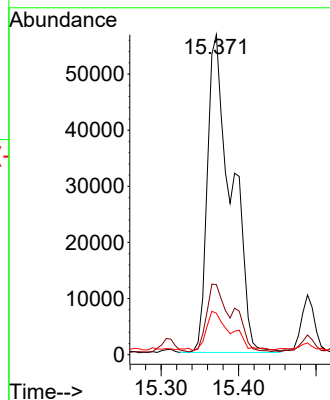
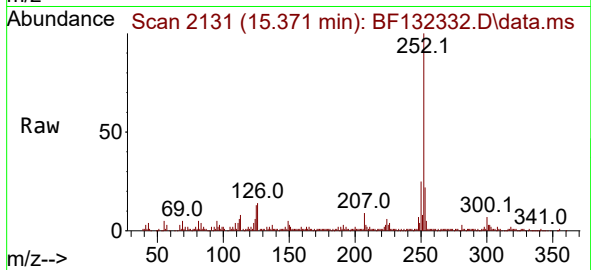
Tgt Ion:252 Resp: 122390

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 13.0 9.6 14.4



#89

Benzo(k)fluoranthene

Concen: 6.452 ng

RT: 15.371 min Scan# 2131

Delta R.T. -0.041 min

Lab File: BF132332.D

Acq: 03 Feb 2023 20:41

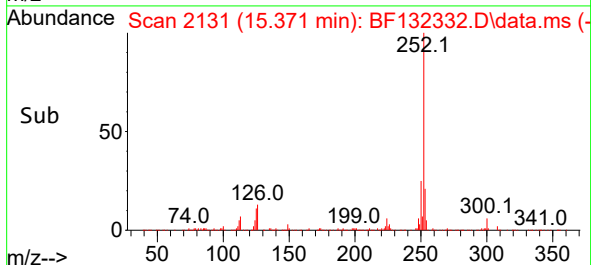
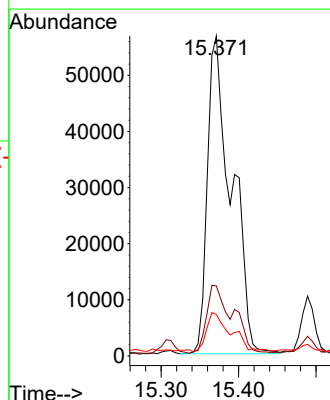
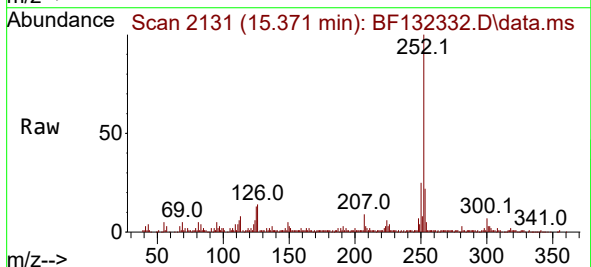
Tgt Ion:252 Resp: 122390

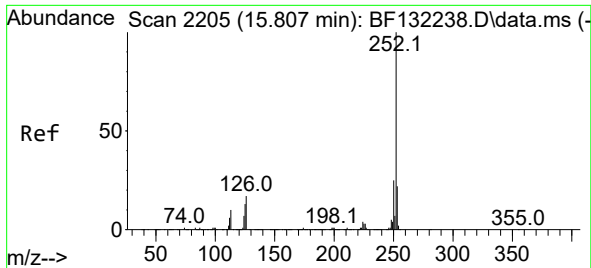
Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

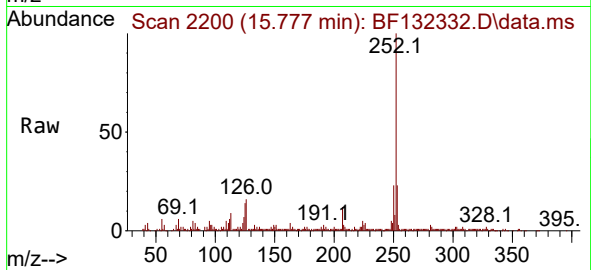
125 13.0 9.0 13.6





#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

