

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130331.D
 Acq On : 19 Sep 2022 20:57
 Operator : CG\JU
 Sample : N4613-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(10-18)

Quant Time: Sep 20 02:29:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

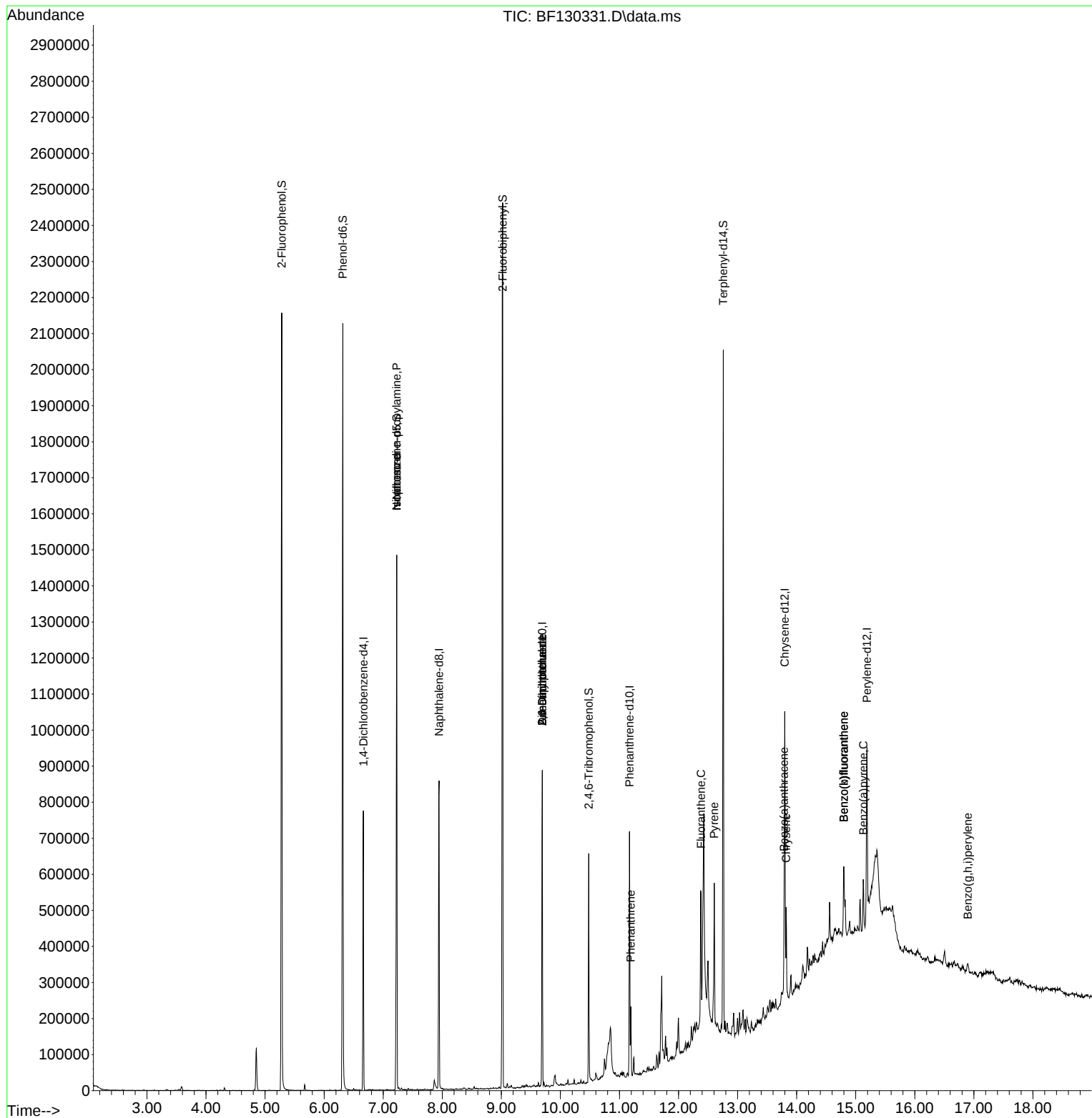
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	100832	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	376469	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	164038	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	219916	20.000	ng	0.00
76) Chrysene-d12	13.798	240	214795	20.000	ng	0.00
86) Perylene-d12	15.192	264	196680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	544279	93.624	ng	0.02
7) Phenol-d6	6.316	99	657157	90.344	ng	0.02
23) Nitrobenzene-d5	7.228	82	425665	57.765	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	59378	37.777	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	723333	64.211	ng	0.00
79) Terphenyl-d14	12.757	244	561223	43.281	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.228	70	57486	11.712	ng	# 74
25) Isophorone	7.228	82	423012	35.616	ng	# 66
50) Dimethylphthalate	9.692	163	30651	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.692	165	21370	9.018	ng	# 16
57) 2,4-Dinitrotoluene	9.692	165	21370	7.056	ng	# 16
71) Phenanthrene	11.192	178	58894	4.770	ng	98
75) Fluoranthene	12.380	202	148202	12.422	ng	96
78) Pyrene	12.604	202	148519	7.904	ng	100
81) Benzo(a)anthracene	13.786	228	95514	6.684	ng	97
83) Chrysene	13.822	228	94756	6.984	ng	97
88) Benzo(b)fluoranthene	14.798	252	132101	10.290	ng	# 98
89) Benzo(k)fluoranthene	14.798	252	132101	10.461	ng	# 97
90) Benzo(a)pyrene	15.127	252	63159	6.210	ng	# 93
92) Benzo(g,h,i)perylene	16.898	276	23638	2.051	ng	# 89

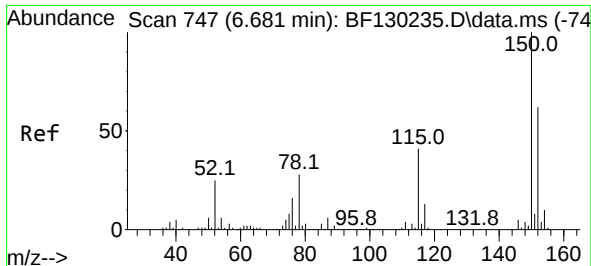
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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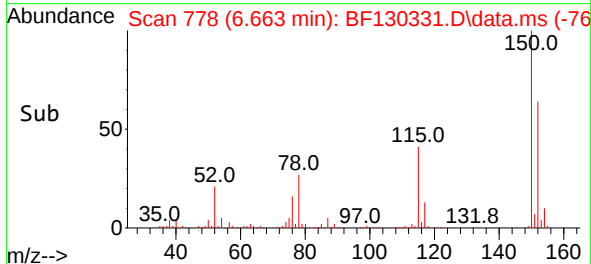
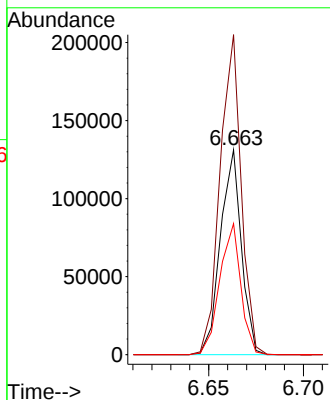
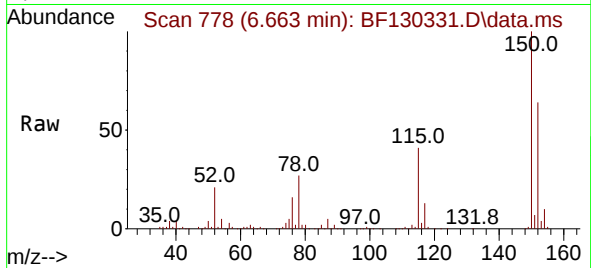




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.663 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130331.D
 Acq: 19 Sep 2022 20:57

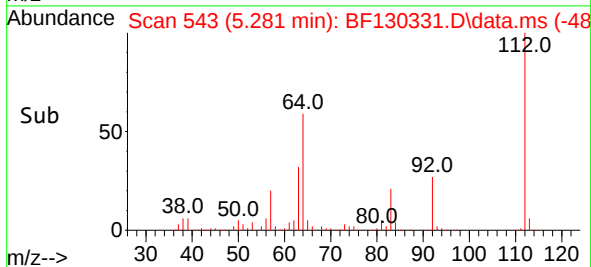
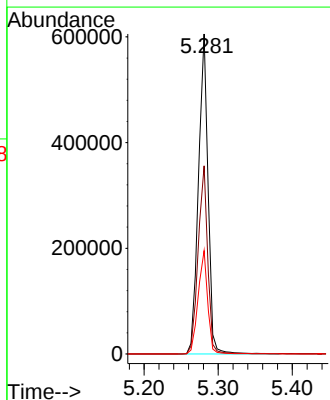
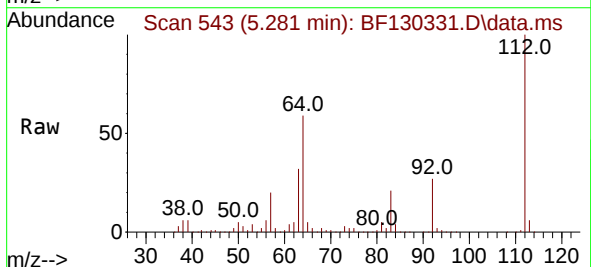
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(10-18)

Tgt Ion:152 Resp: 100832
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.8 184.2
 115 64.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 93.624 ng
 RT: 5.281 min Scan# 543
 Delta R.T. 0.024 min
 Lab File: BF130331.D
 Acq: 19 Sep 2022 20:57

Tgt Ion:112 Resp: 544279
 Ion Ratio Lower Upper
 112 100
 64 58.8 51.4 77.0
 63 32.3 28.8 43.2

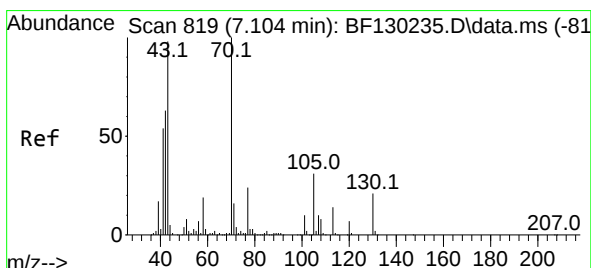
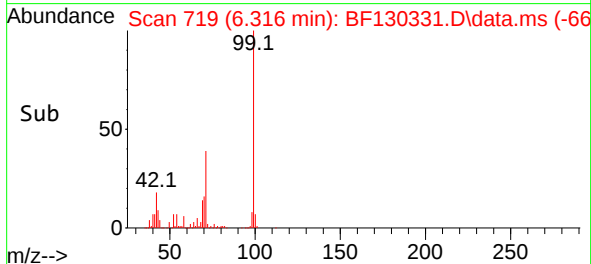
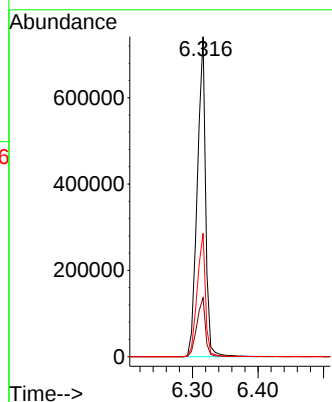
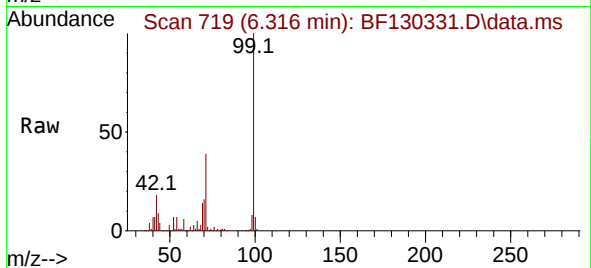




#7
Phenol-d6
Concen: 90.344 ng
RT: 6.316 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

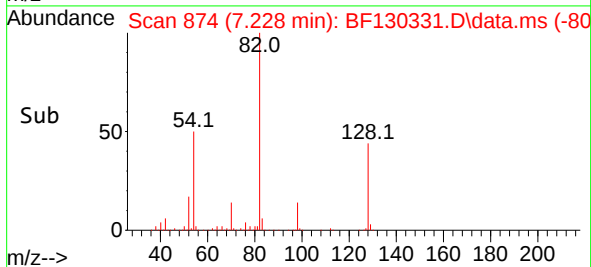
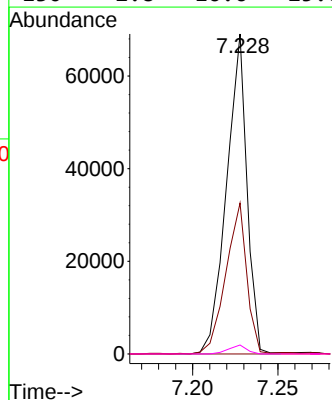
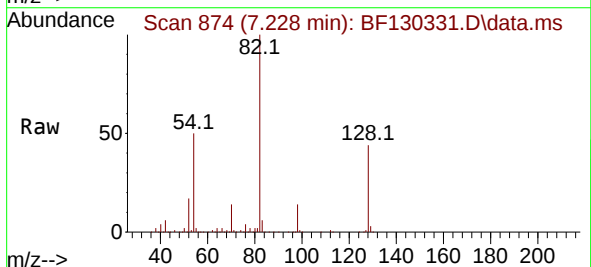
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(10-18)

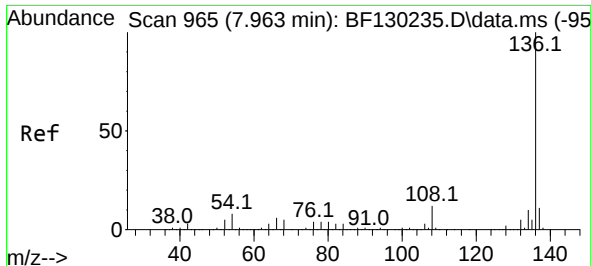
Tgt Ion: 99 Resp: 657157
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 38.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.712 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion: 70 Resp: 57486
Ion Ratio Lower Upper
70 100
42 47.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.8 16.6 25.0#

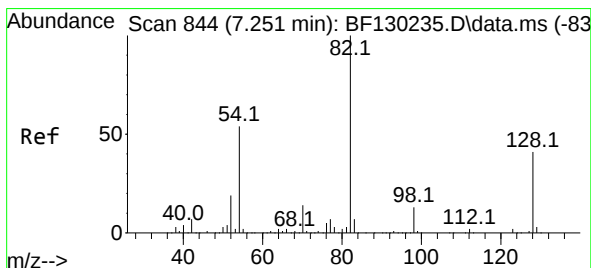
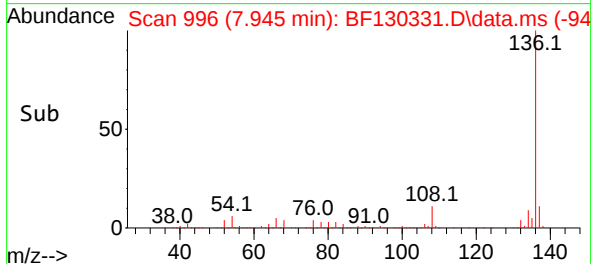
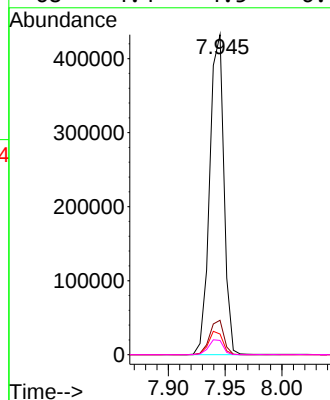
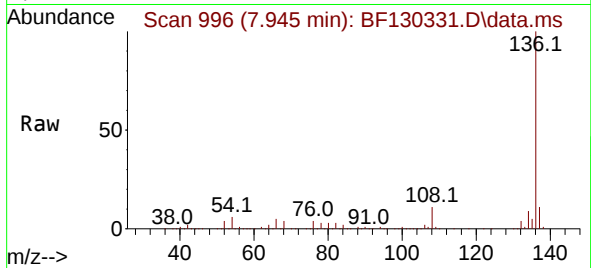




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

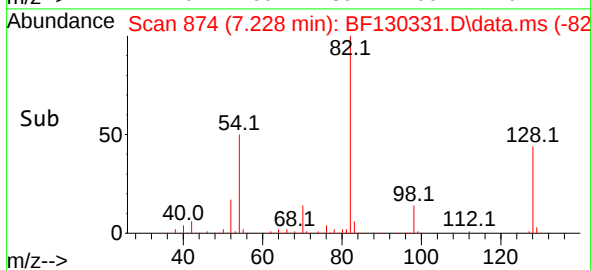
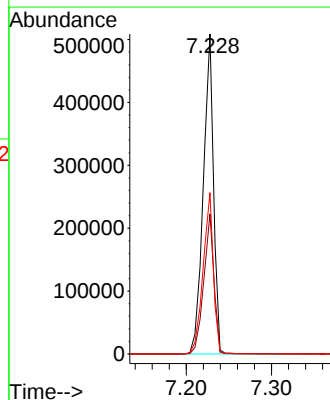
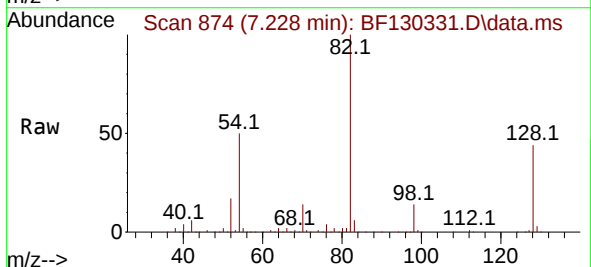
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(10-18)

Tgt Ion	136	Resp:	376469
	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	7.1	10.7#
68	4.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 57.765 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion: 82	Resp: 425665
Ion Ratio	Lower Upper
82 100	
128 43.8	32.6 49.0
54 50.4	43.8 65.6

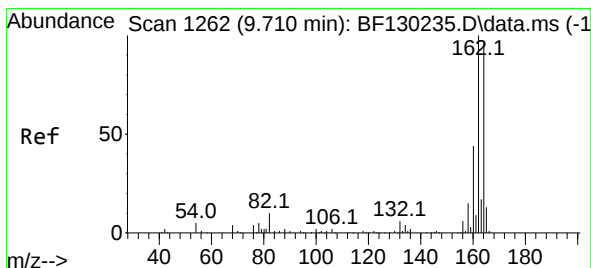
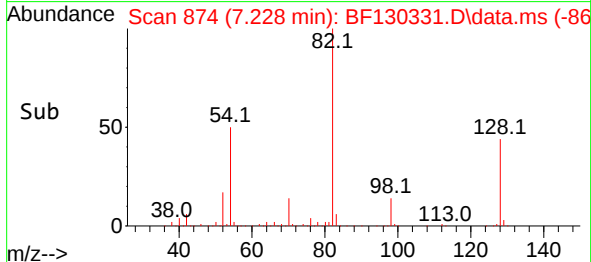
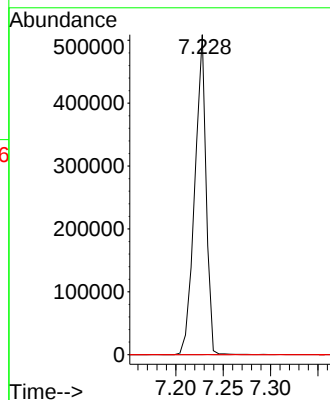
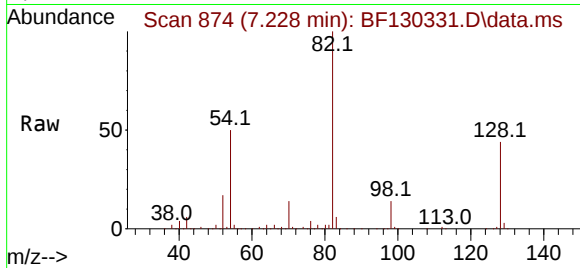




#25
Isophorone
Concen: 35.616 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

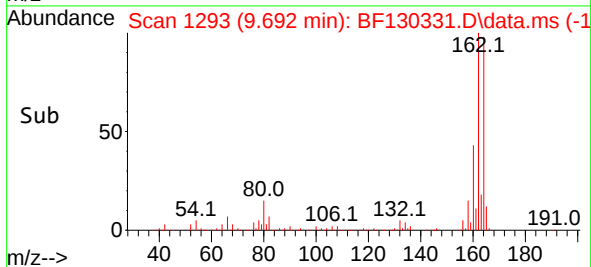
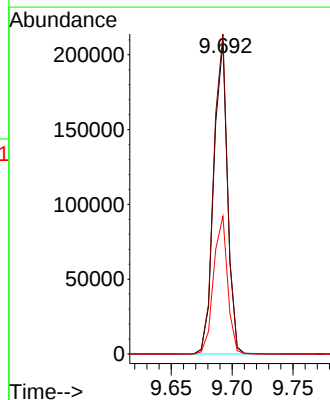
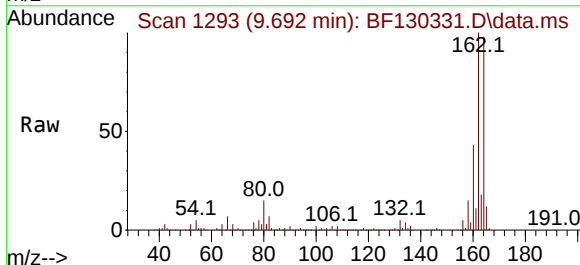
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(10-18)

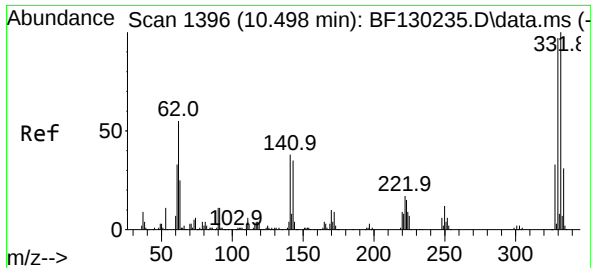
Tgt Ion: 82 Resp: 423012
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion: 164 Resp: 164038
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 37.777 ng

RT: 10.481 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(10-18)

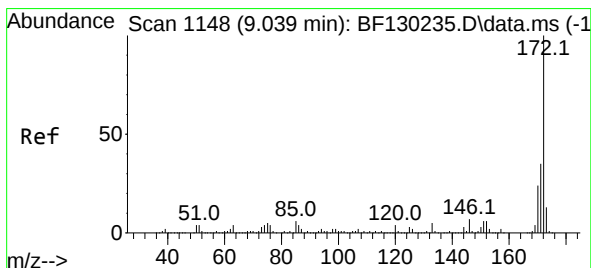
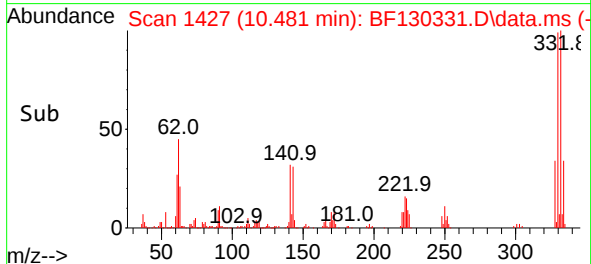
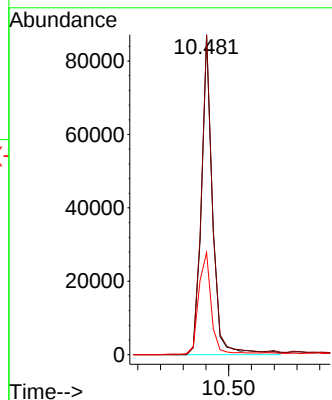
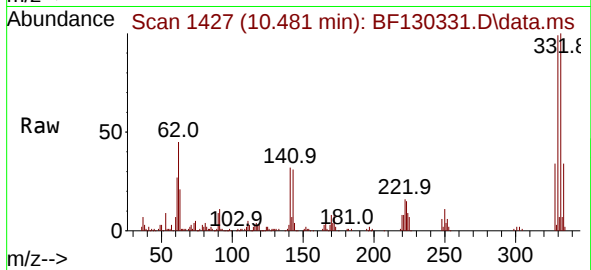
Tgt Ion:330 Resp: 59378

Ion Ratio Lower Upper

330 100

332 99.8 83.4 125.2

141 37.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 64.211 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

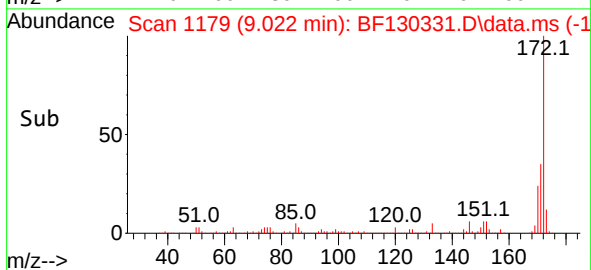
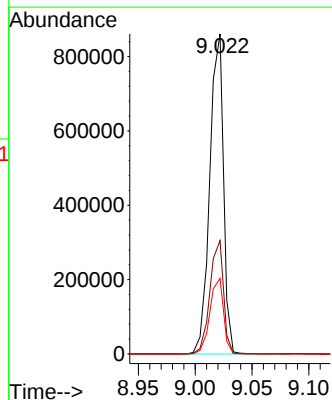
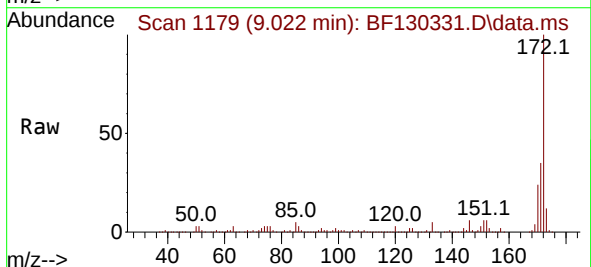
Tgt Ion:172 Resp: 723333

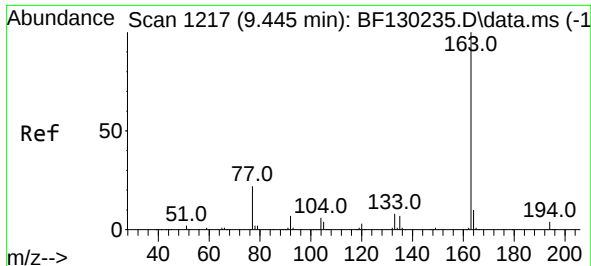
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 18.7 28.1

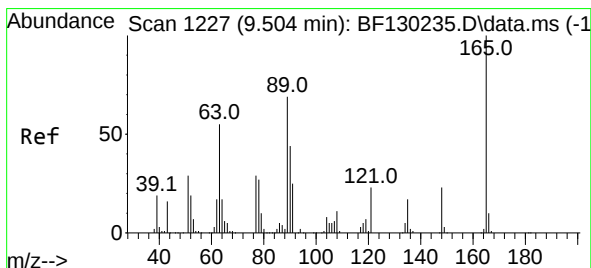
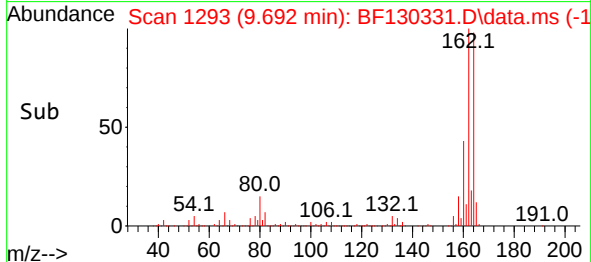
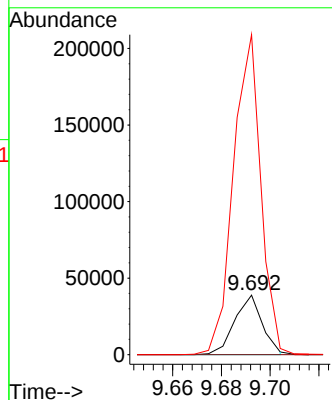
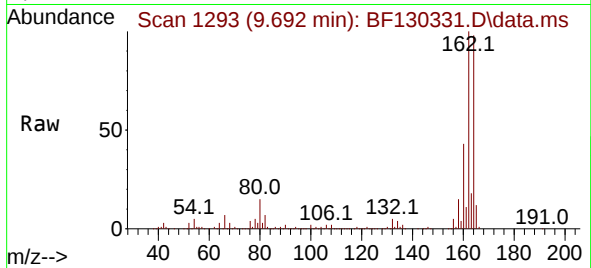




#50
Dimethylphthalate
Concen: 2.705 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.265 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

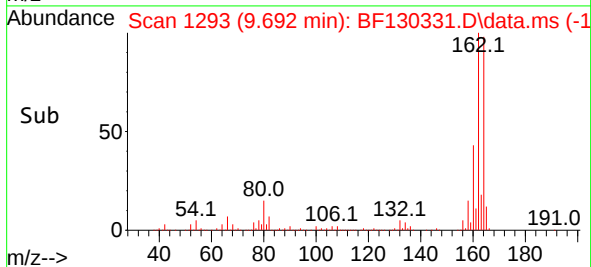
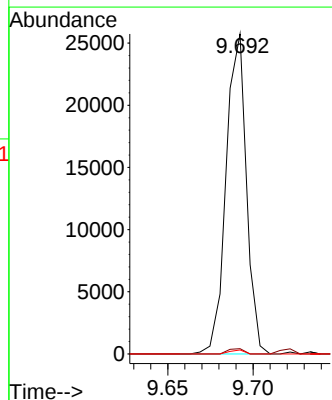
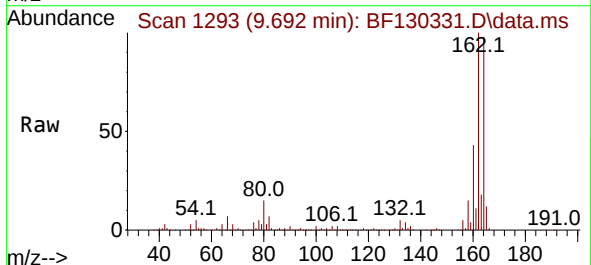
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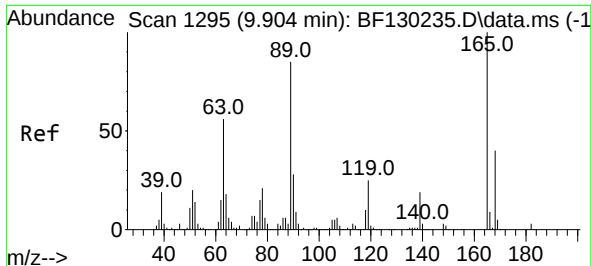
Tgt Ion:163 Resp: 30651
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 537.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.018 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.206 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion:165 Resp: 21370
Ion Ratio Lower Upper
165 100
63 1.6 58.8 88.2#
89 1.3 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 7.056 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.194 min

Lab File: BF130331.D

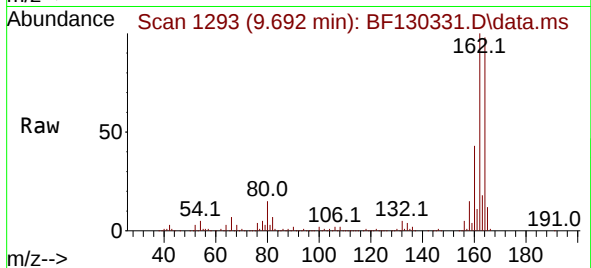
Acq: 19 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(10-18)



Tgt Ion:165 Resp: 21370

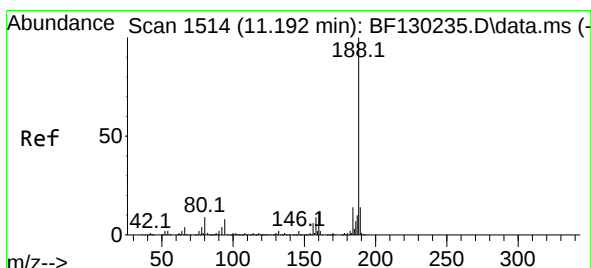
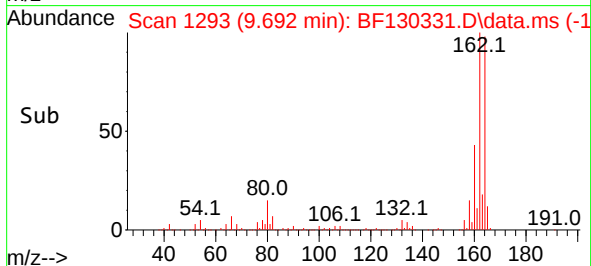
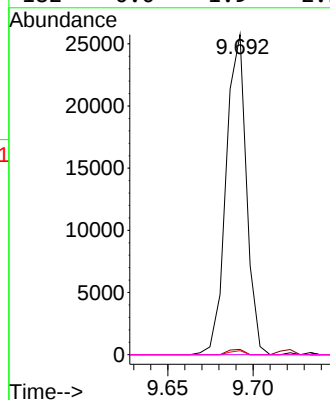
Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

89 1.3 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

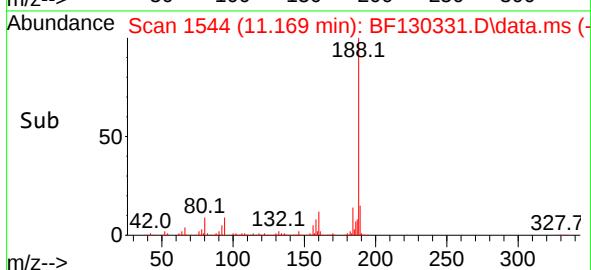
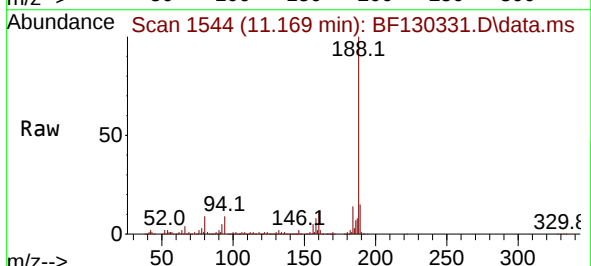
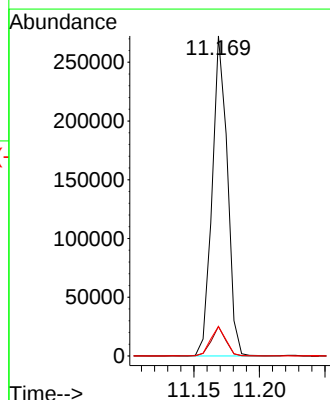
Tgt Ion:188 Resp: 219916

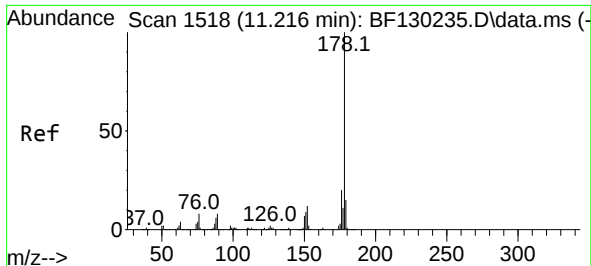
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.2 7.9 11.9

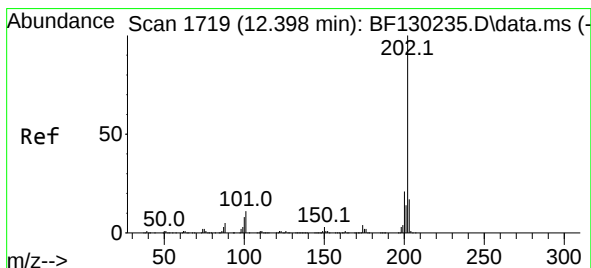
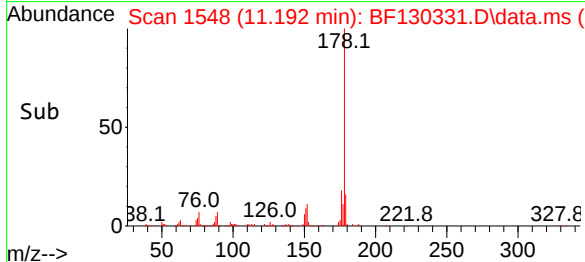
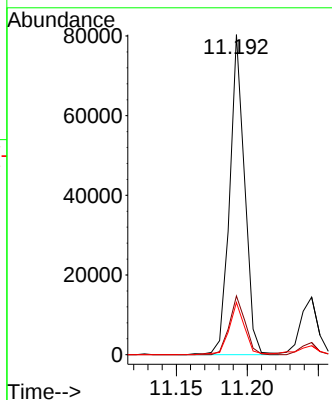
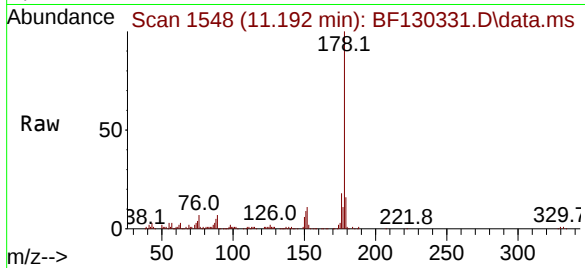




#71
Phenanthrene
Concen: 4.770 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

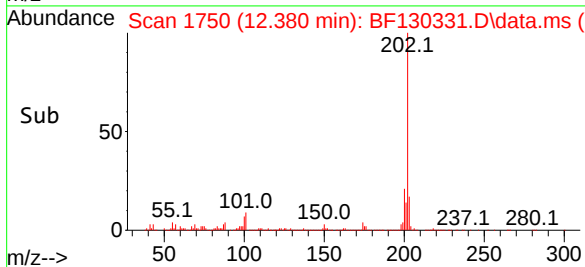
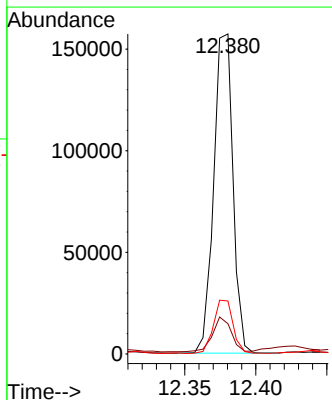
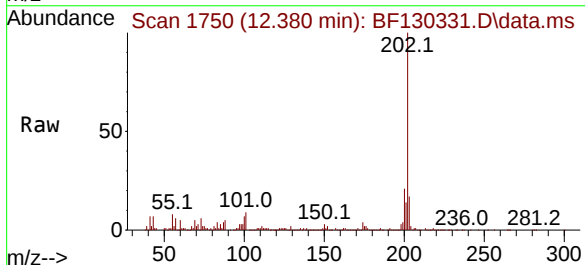
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(10-18)

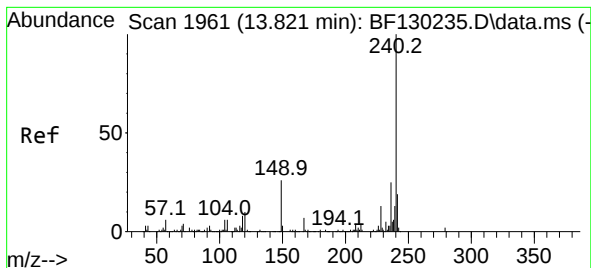
Tgt Ion:178 Resp: 58894
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 16.3 12.4 18.6



#75
Fluoranthene
Concen: 12.422 ng
RT: 12.380 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion:202 Resp: 148202
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.8
203 16.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.798 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(10-18)

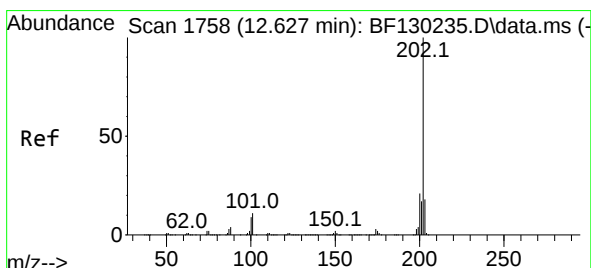
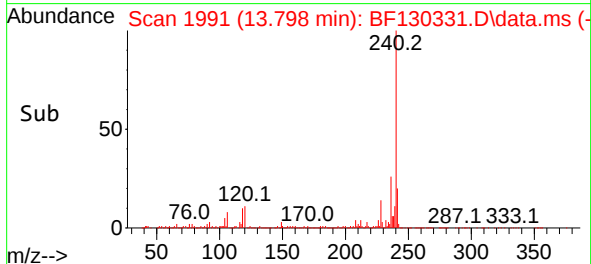
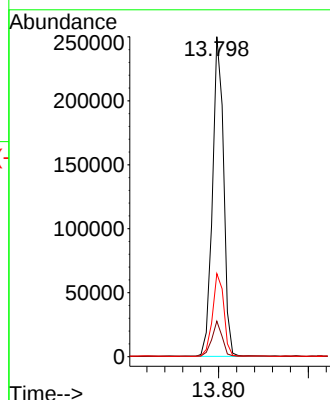
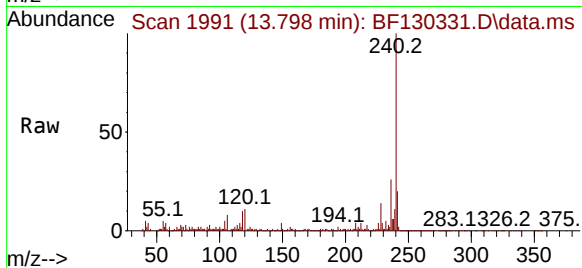
Tgt Ion:240 Resp: 214795

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

236 26.0 20.9 31.3



#78

Pyrene

Concen: 7.904 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

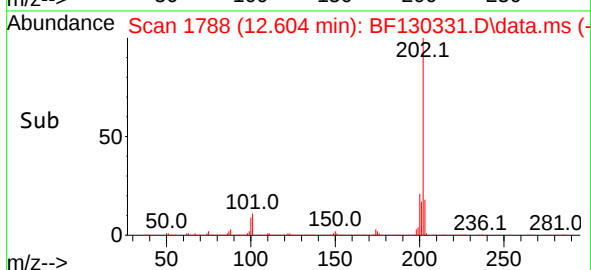
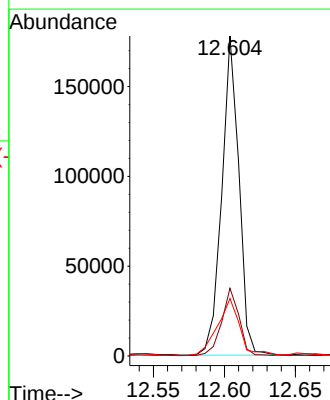
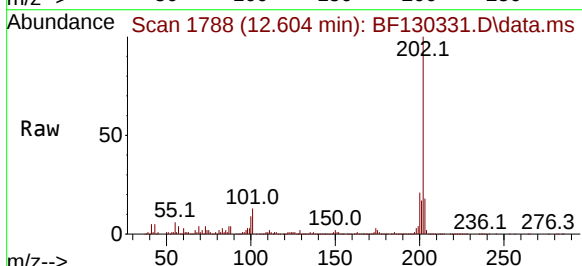
Tgt Ion:202 Resp: 148519

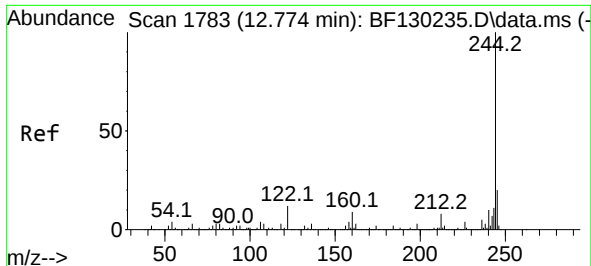
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 18.0 14.3 21.5

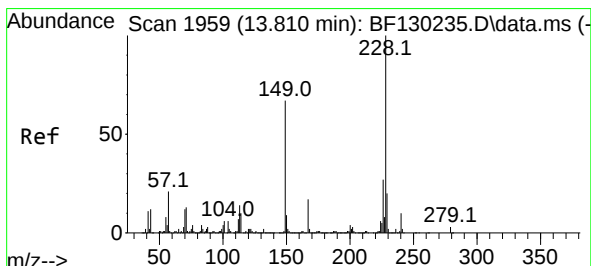
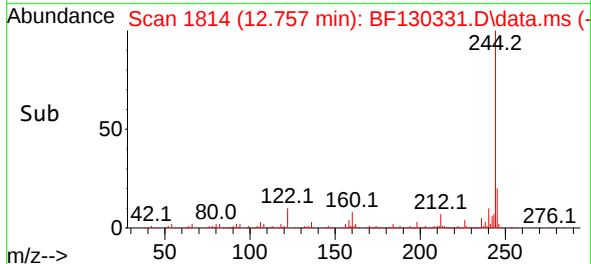
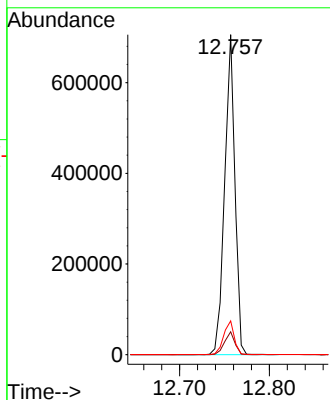
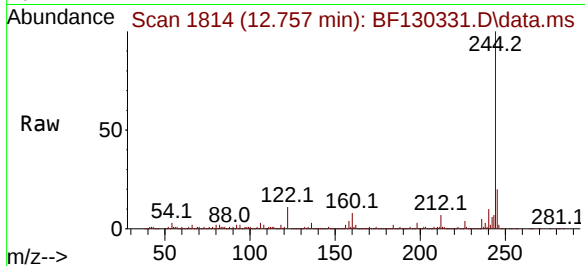




#79
 Terphenyl-d14
 Concen: 43.281 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130331.D
 Acq: 19 Sep 2022 20:57

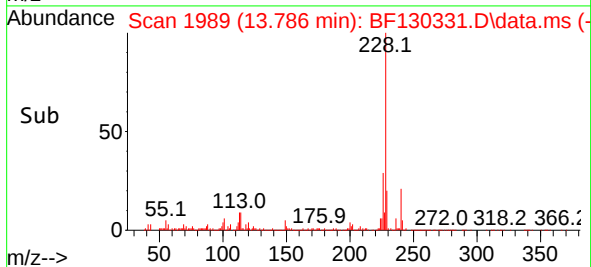
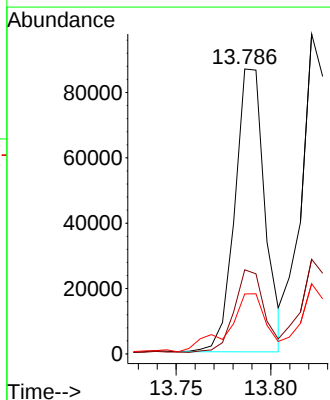
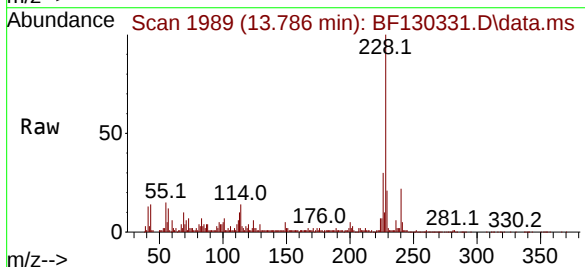
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-6-(10-18)

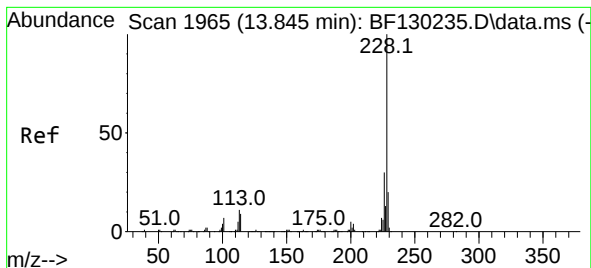
Tgt Ion:244 Resp: 561223
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.5 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 6.684 ng
 RT: 13.786 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: BF130331.D
 Acq: 19 Sep 2022 20:57

Tgt Ion:228 Resp: 95514
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.9 32.9
 229 21.0 16.1 24.1





#83

Chrysene

Concen: 6.984 ng

RT: 13.822 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

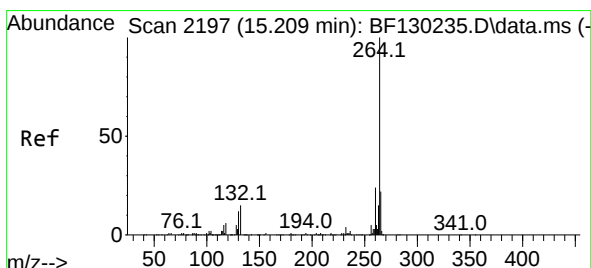
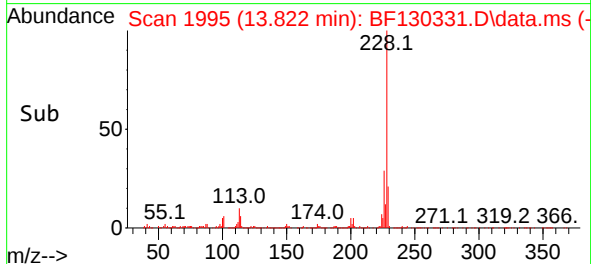
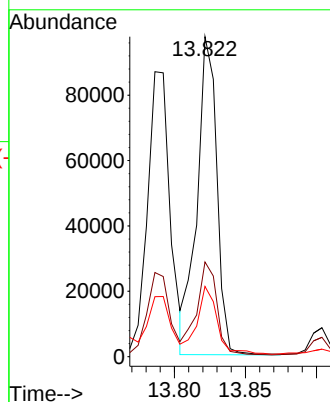
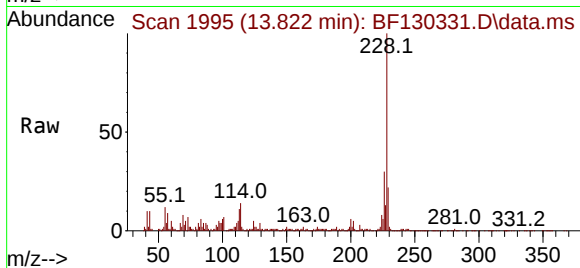
Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(10-18)

Tgt Ion:228	Resp:	94756
Ion Ratio	Lower	Upper
228	100	
226	29.6	23.8 35.8
229	21.9	15.3 22.9



#86

Perylene-d12

Concen: 20.000 ng

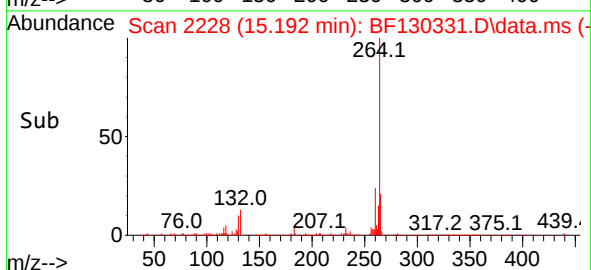
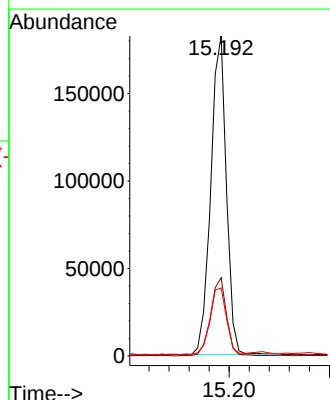
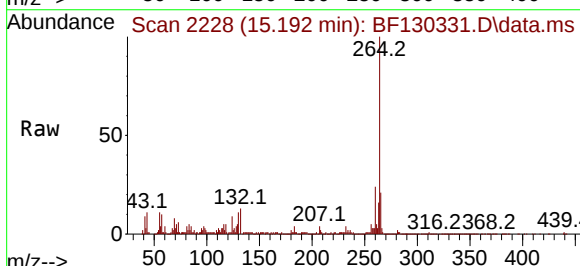
RT: 15.192 min Scan# 2228

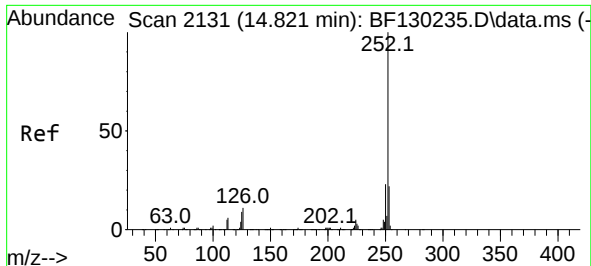
Delta R.T. 0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

Tgt Ion:264	Resp:	196680
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.3 28.9
265	21.3	17.0 25.4

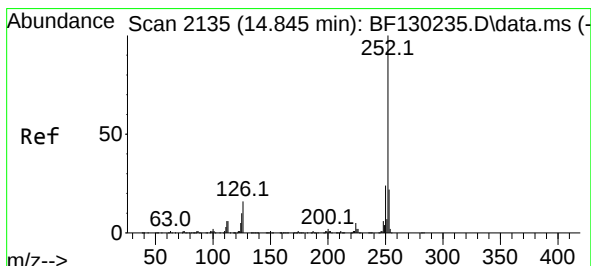
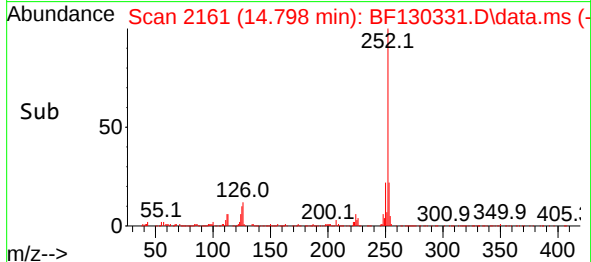
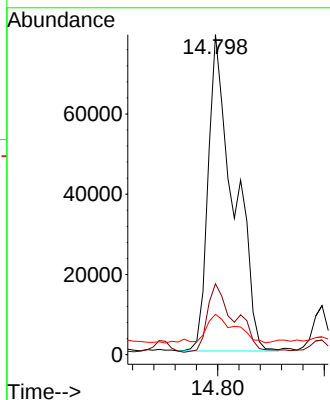
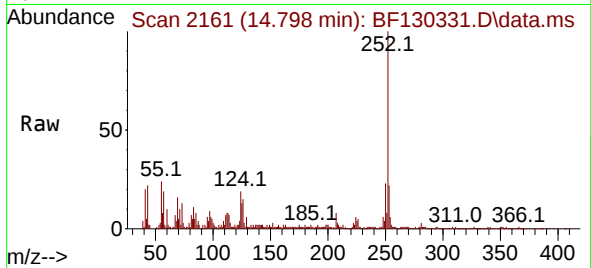




#88
Benzo(b)fluoranthene
Concen: 10.290 ng
RT: 14.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

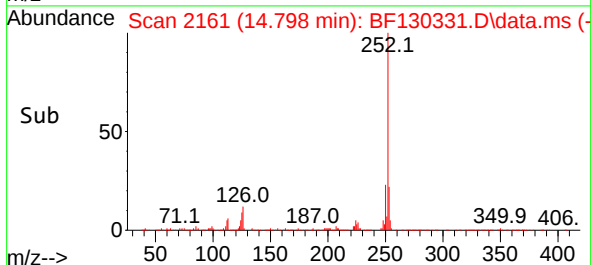
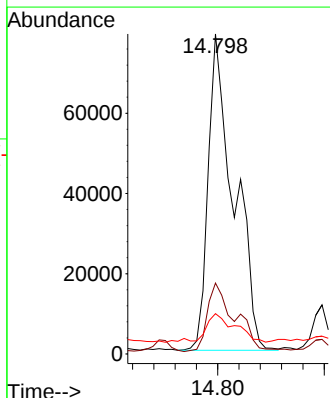
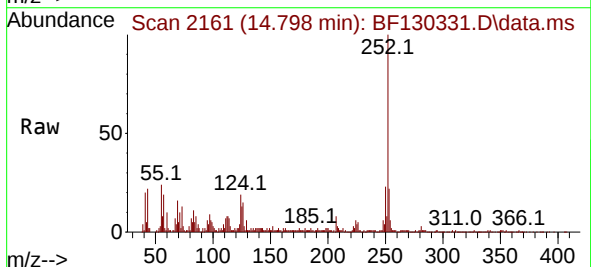
Instrument :
BNA_F
ClientSampleId :
SASP2-T-6-(10-18)

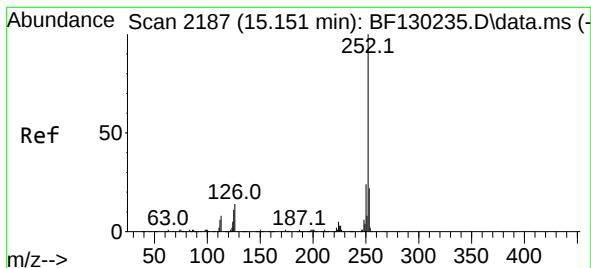
Tgt Ion:252 Resp: 132101
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.6 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 10.461 ng
RT: 14.798 min Scan# 2161
Delta R.T. -0.029 min
Lab File: BF130331.D
Acq: 19 Sep 2022 20:57

Tgt Ion:252 Resp: 132101
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.6 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 6.210 ng

RT: 15.127 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SASP2-T-6-(10-18)

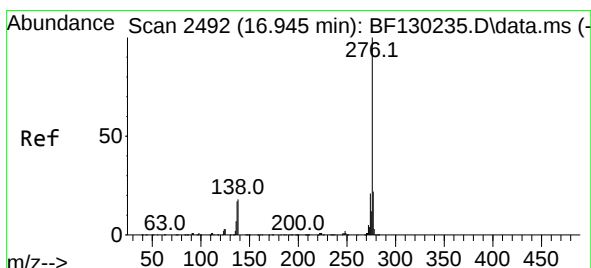
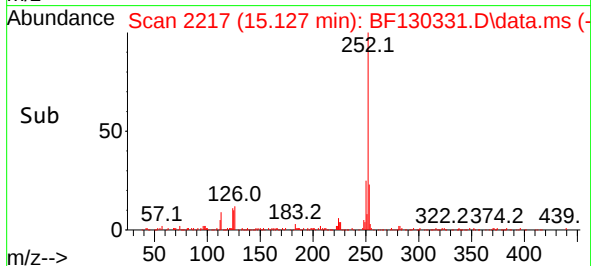
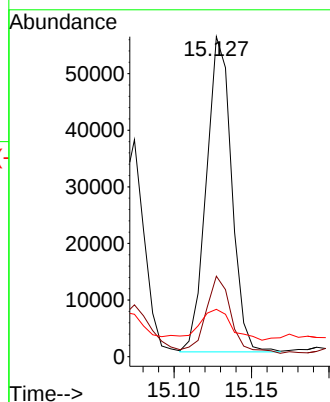
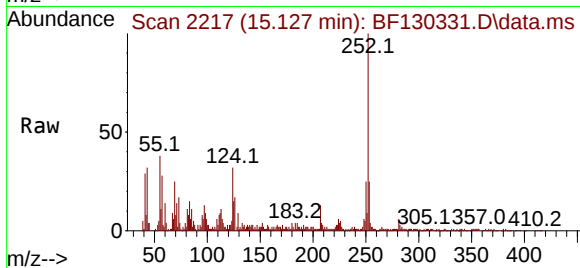
Tgt Ion:252 Resp: 63159

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.6

125 14.8 9.0 13.6#



#92

Benzo(g,h,i)perylene

Concen: 2.051 ng

RT: 16.898 min Scan# 2518

Delta R.T. -0.012 min

Lab File: BF130331.D

Acq: 19 Sep 2022 20:57

Tgt Ion:276 Resp: 23638

Ion Ratio Lower Upper

276 100

277 21.3 18.6 27.8

138 27.1 14.6 21.8#

