

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132451.D
 Acq On : 17 Feb 2023 13:17
 Operator : CG\JU
 Sample : 01537-10RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8RE

Quant Time: Feb 17 14:22:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

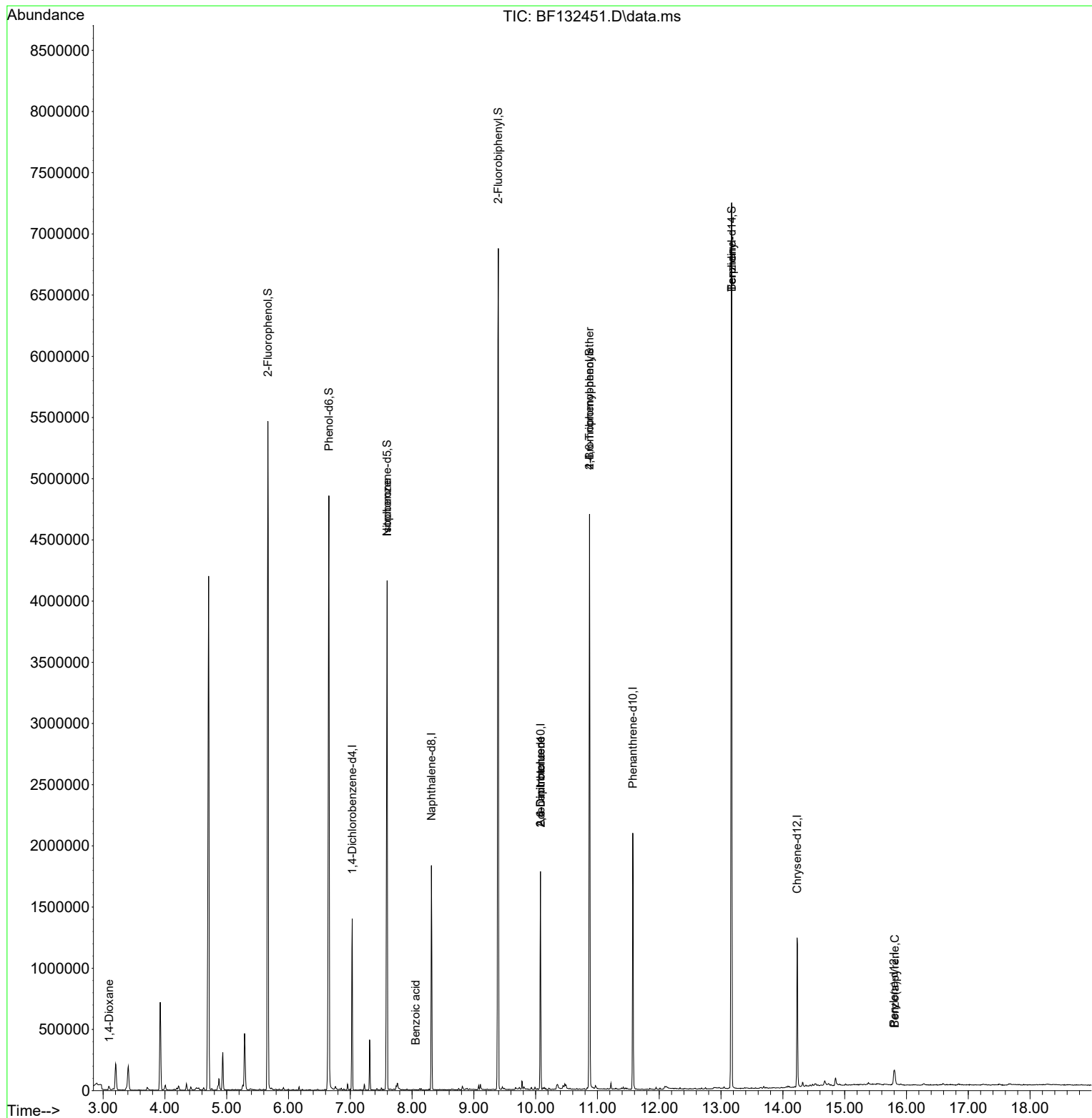
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	196571	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	735757	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	292174	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	722130	20.000	ng	0.00
76) Chrysene-d12	14.230	240	343735	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	17292	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	1606090	130.922	ng	0.02
7) Phenol-d6	6.654	99	1746071	109.003	ng	0.00
23) Nitrobenzene-d5	7.595	82	1428104	93.264	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	544257	186.700	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2122079	112.164	ng	0.00
79) Terphenyl-d14	13.171	244	2551326	135.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	15180	2.287	ng	99
25) Isophorone	7.595	82	1427992	47.459	ng	# 68
32) Benzoic acid	8.060	122	205	7.170	ng	# 49
51) 2,6-Dinitrotoluene	10.078	165	37148	7.939	ng	# 21
57) 2,4-Dinitrotoluene	10.078	165	37148	6.031	ng	# 21
67) 4-Bromophenyl-phenylether	10.872	248	36656	4.631	ng	# 1
77) Benzidine	13.171	184	39132	5.346	ng	97
90) Benzo(a)pyrene	15.812	252	2182	2.065	ng	# 1

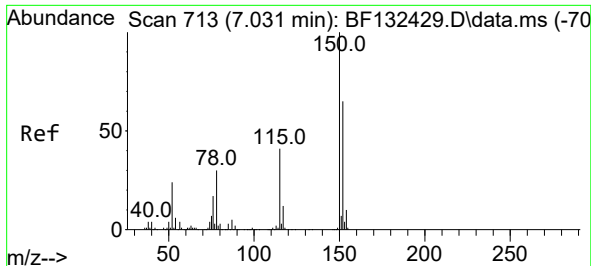
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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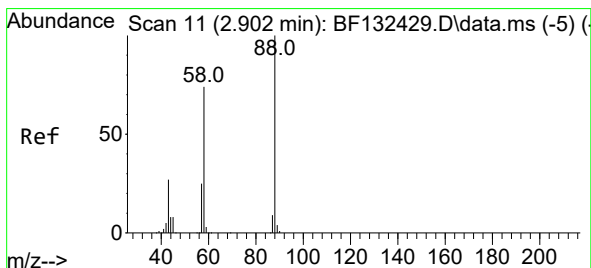
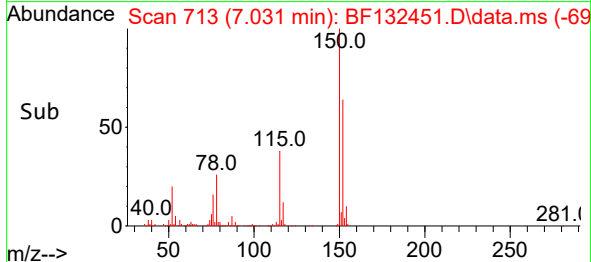
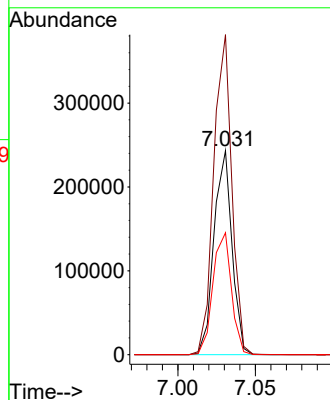
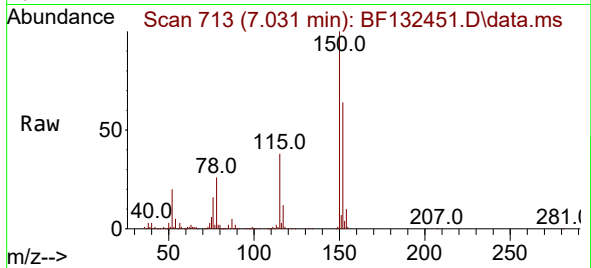




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132451.D
 Acq: 17 Feb 2023 13:17

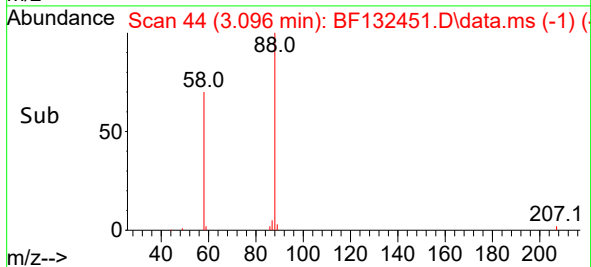
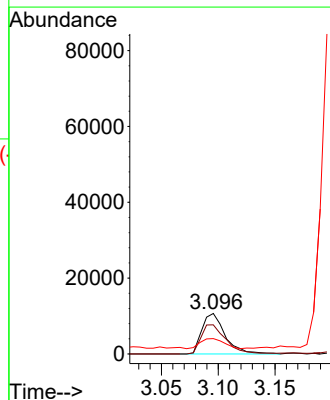
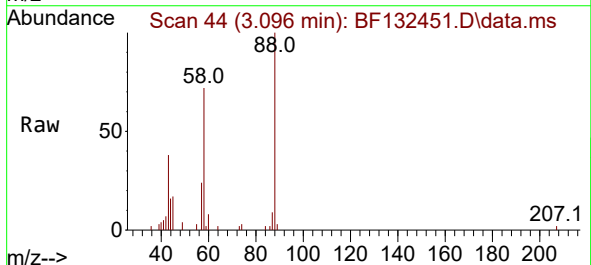
Instrument :
 BNA_F
 ClientSampleId :
 COMP-8RE

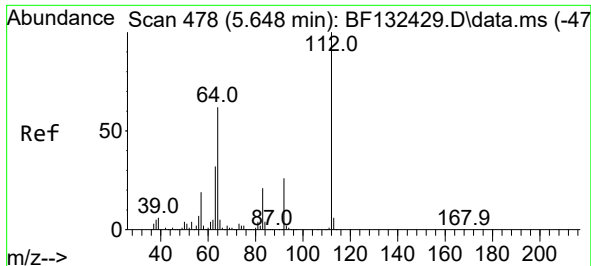
Tgt Ion:152 Resp: 196571
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.8 185.8
 115 59.8 50.4 75.6



#2
 1,4-Dioxane
 Concen: 2.287 ng
 RT: 3.096 min Scan# 44
 Delta R.T. 0.194 min
 Lab File: BF132451.D
 Acq: 17 Feb 2023 13:17

Tgt Ion: 88 Resp: 15180
 Ion Ratio Lower Upper
 88 100
 58 76.6 60.1 90.1
 43 26.5 21.5 32.3

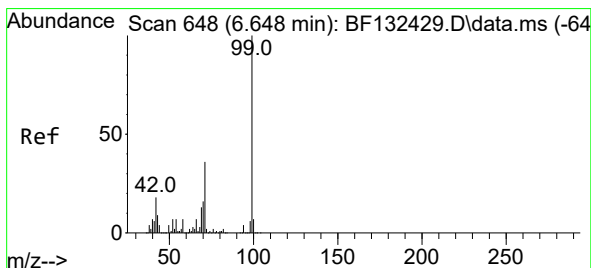
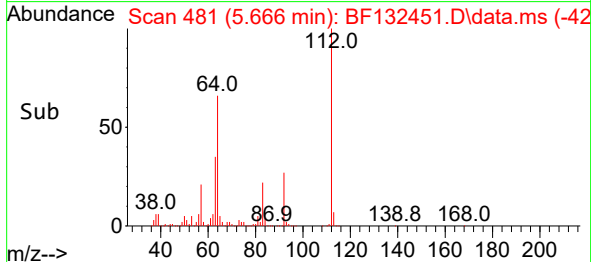
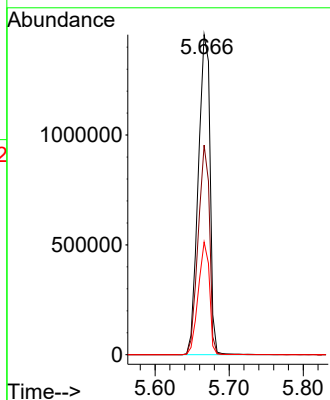
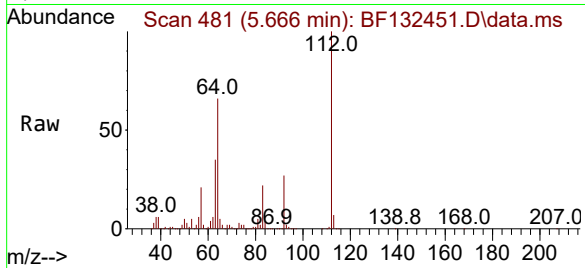




#5
2-Fluorophenol
Concen: 130.922 ng
RT: 5.666 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

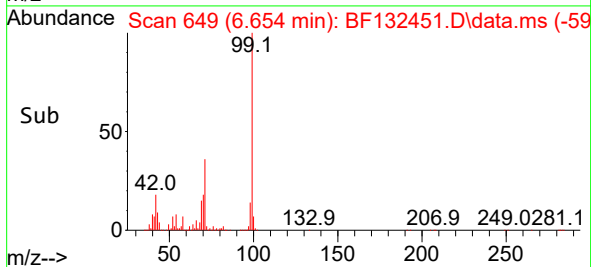
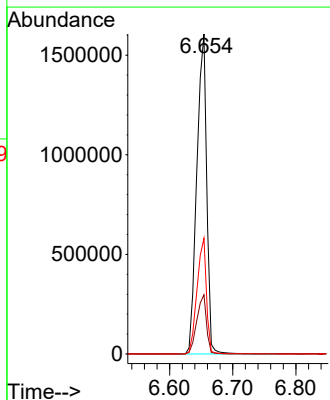
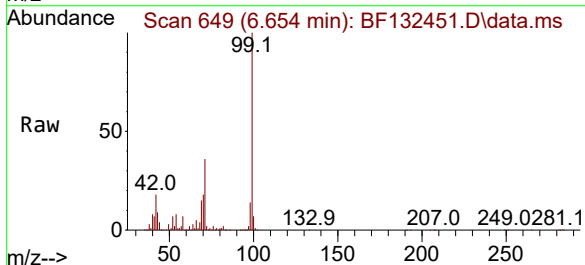
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

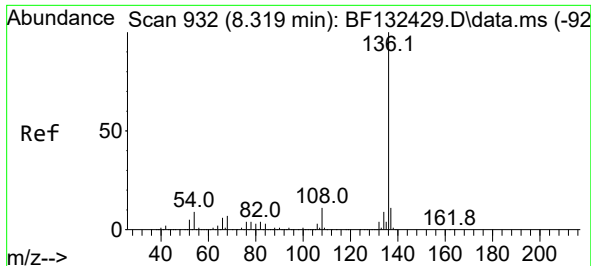
Tgt Ion:112 Resp: 1606090
Ion Ratio Lower Upper
112 100
64 65.5 49.7 74.5
63 35.2 25.8 38.8



#7
Phenol-d6
Concen: 109.003 ng
RT: 6.654 min Scan# 649
Delta R.T. 0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion: 99 Resp: 1746071
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 36.2 28.7 43.1

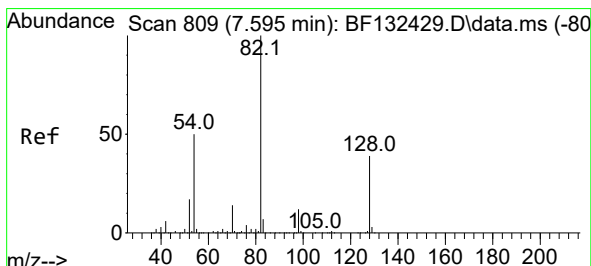
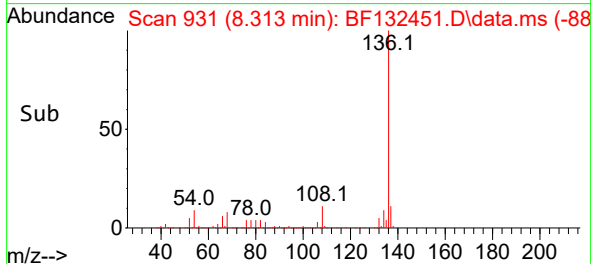
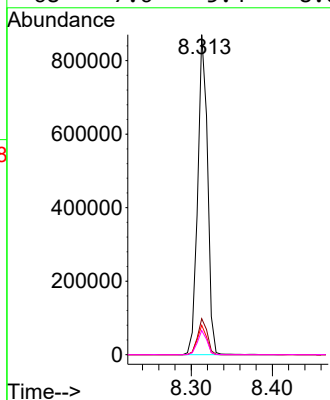
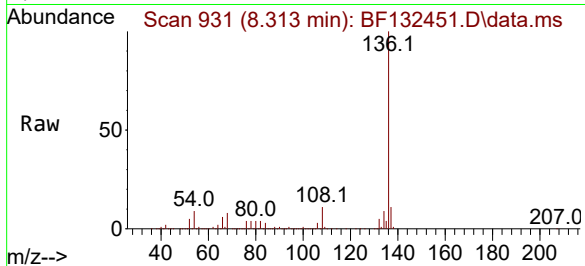




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

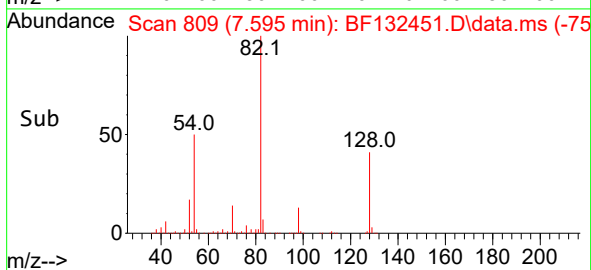
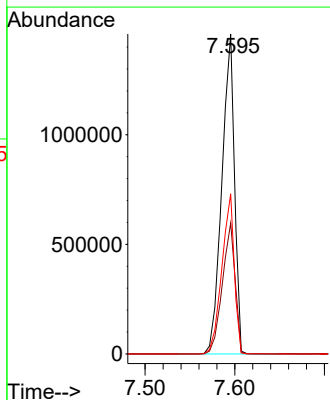
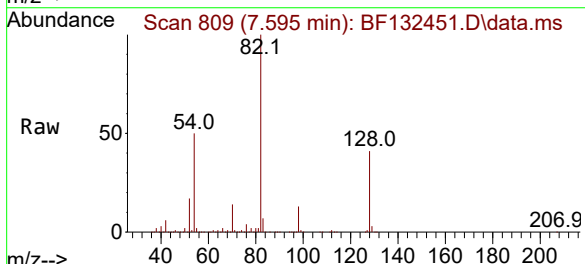
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

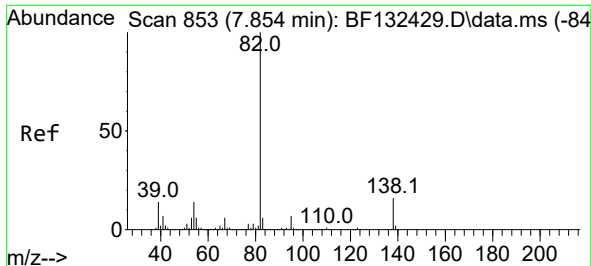
Tgt Ion:136 Resp: 735757
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 6.9 10.3
68 7.6 5.4 8.0



#23
Nitrobenzene-d5
Concen: 93.264 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion: 82 Resp: 1428104
Ion Ratio Lower Upper
82 100
128 40.9 30.8 46.2
54 50.0 40.2 60.4

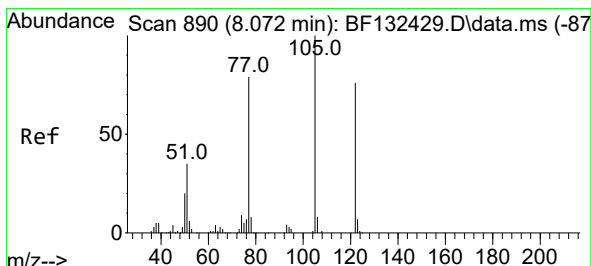
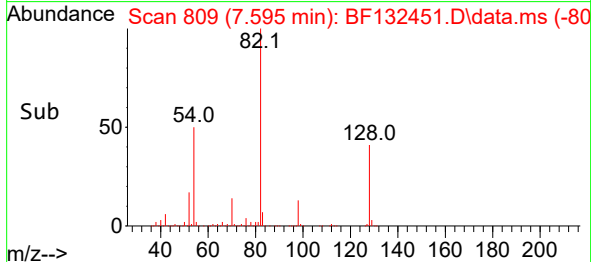
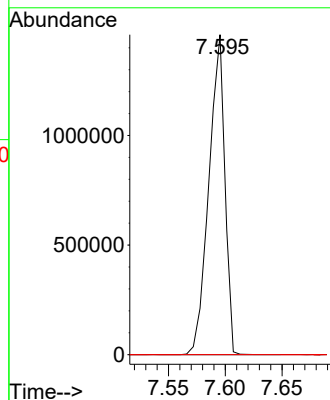
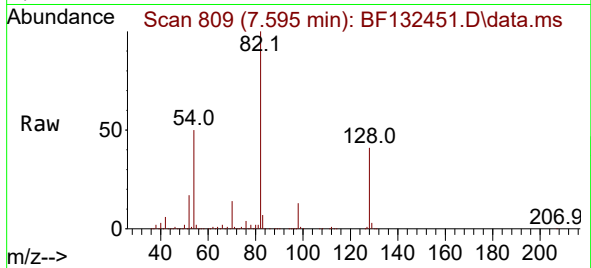




#25
Isophorone
Concen: 47.459 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

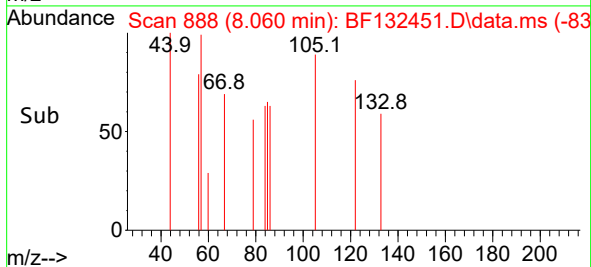
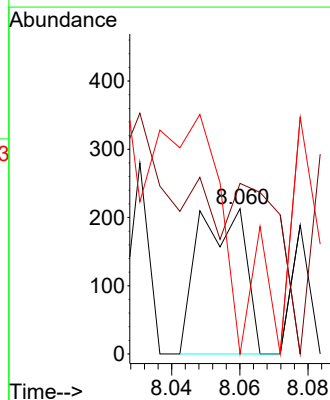
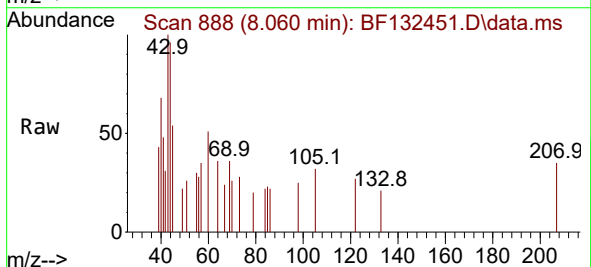
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

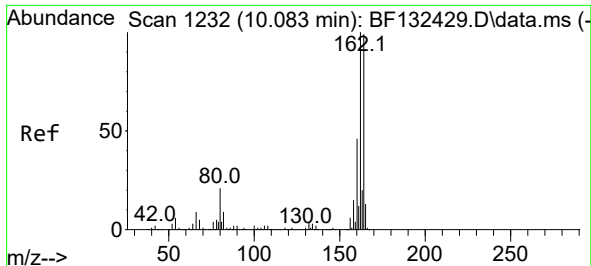
Tgt Ion: 82 Resp: 1427992
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.170 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion: 122 Resp: 205
Ion Ratio Lower Upper
122 100
105 117.4 109.7 149.7
77 0.0 83.8 123.8#

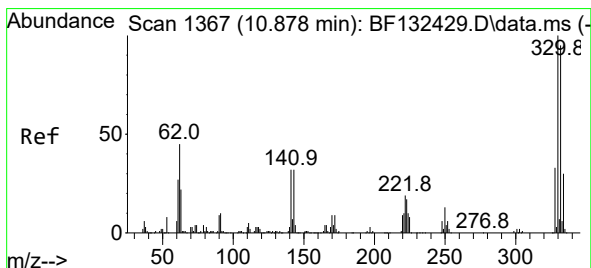
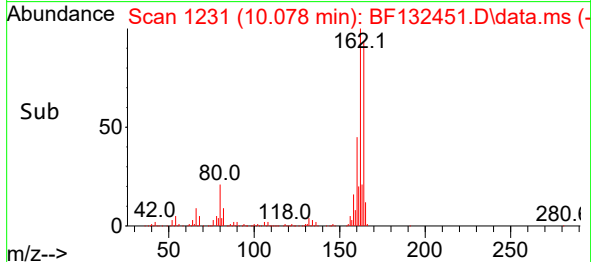
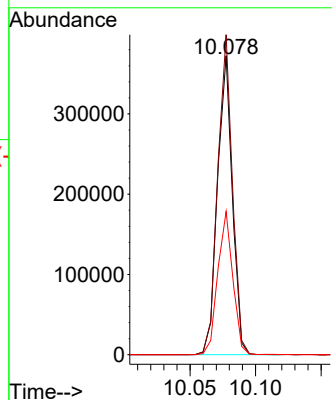
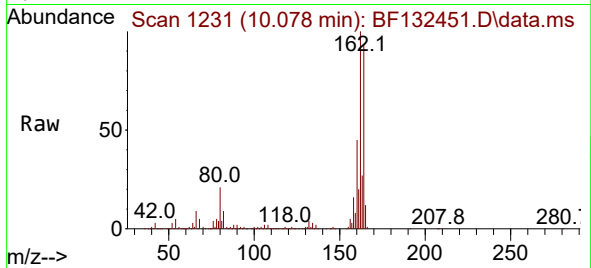




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

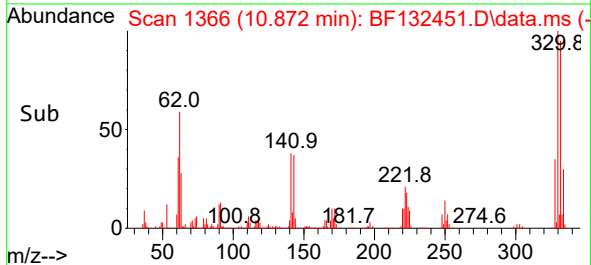
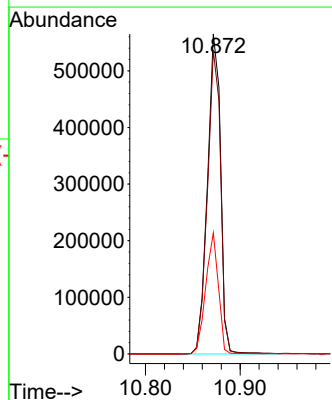
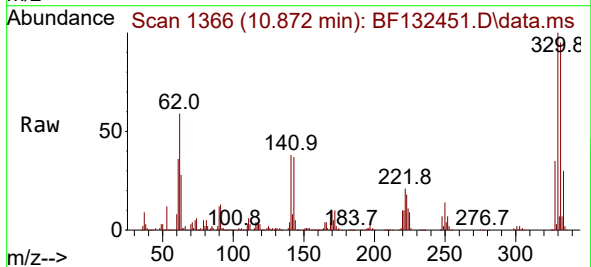
Instrument :
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COMP-8RE

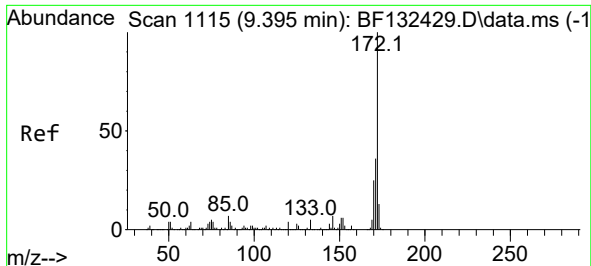
Tgt Ion:164 Resp: 292174
Ion Ratio Lower Upper
164 100
162 107.0 80.8 121.2
160 47.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 186.700 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:330 Resp: 544257
Ion Ratio Lower Upper
330 100
332 95.4 76.3 114.5
141 36.6 30.3 45.5

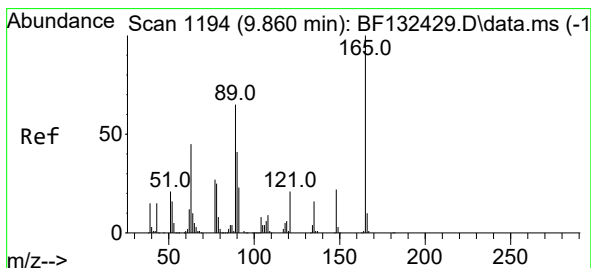
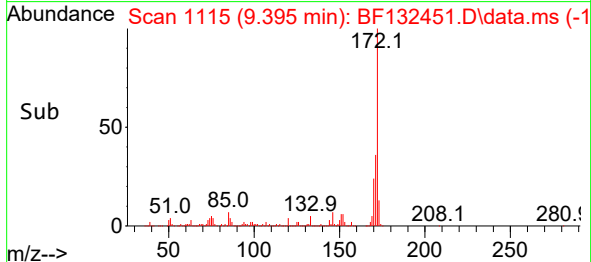
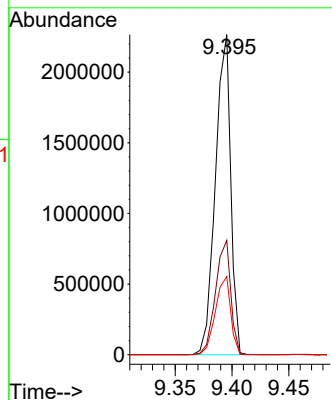
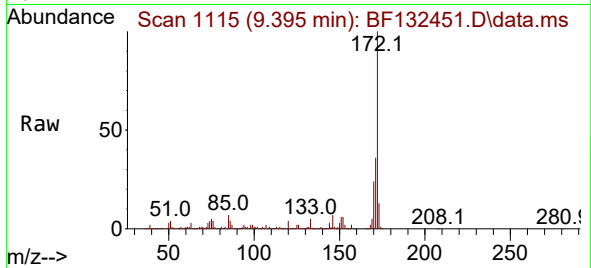




#45
2-Fluorobiphenyl
Concen: 112.164 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

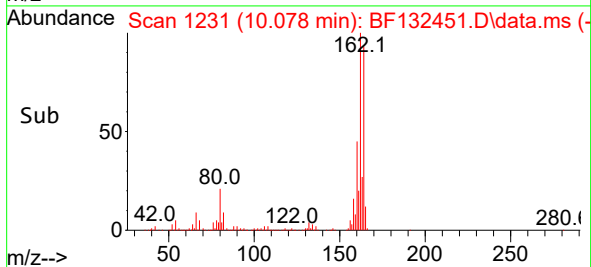
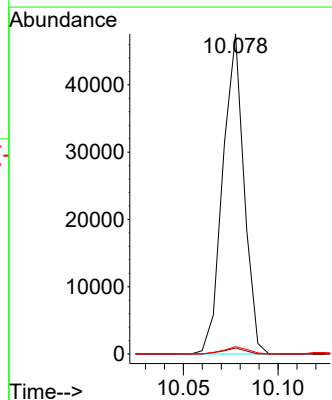
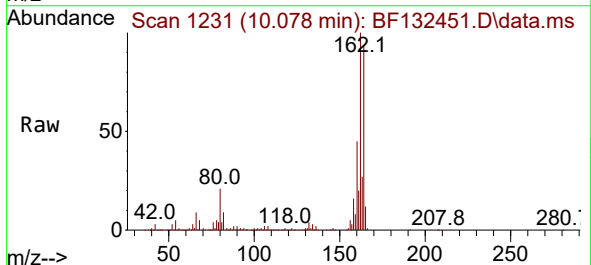
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COMP-8RE

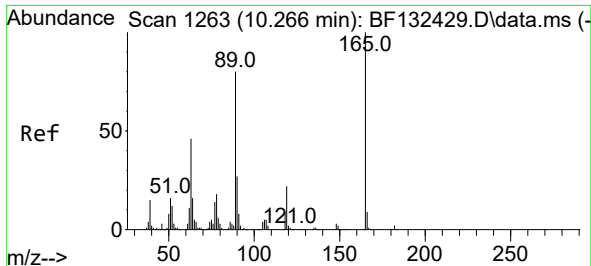
Tgt Ion:172 Resp: 2122079
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.4 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 7.939 ng
RT: 10.078 min Scan# 1231
Delta R.T. 0.218 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:165 Resp: 37148
Ion Ratio Lower Upper
165 100
63 1.9 50.4 75.6#
89 2.3 52.2 78.2#

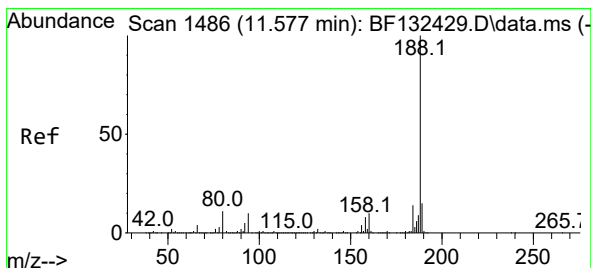
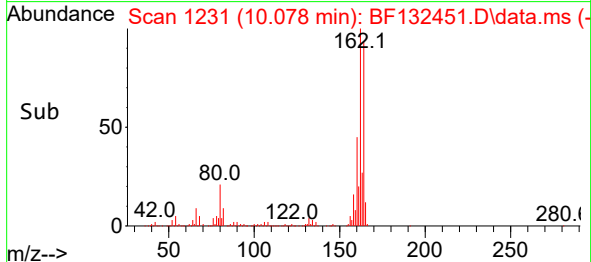
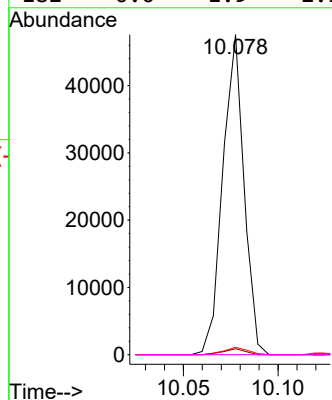
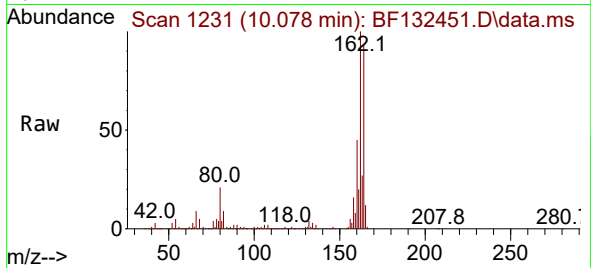




#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 10.078 min Scan# 1231
Delta R.T. -0.188 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

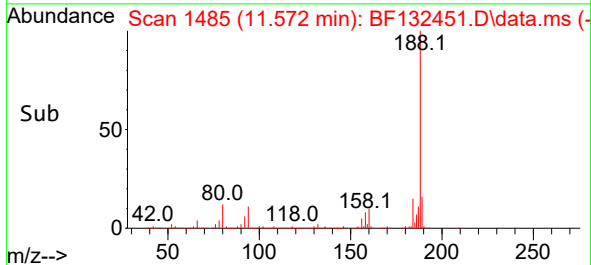
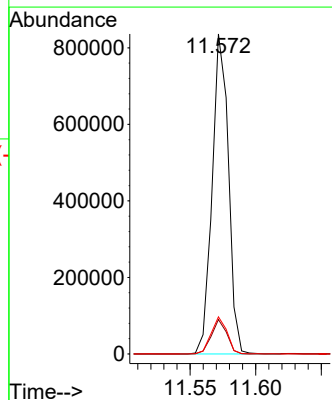
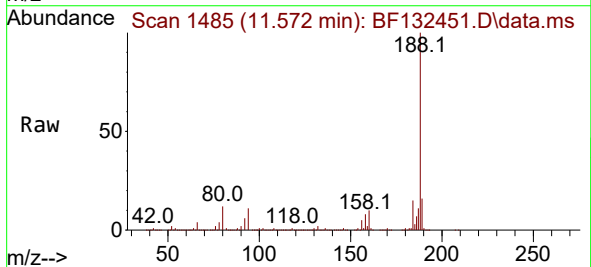
Instrument :
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COMP-8RE

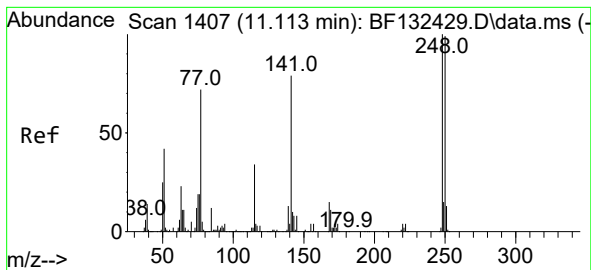
Tgt Ion:165 Resp: 37148
Ion Ratio Lower Upper
165 100
63 1.9 37.1 55.7#
89 2.3 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:188 Resp: 722130
Ion Ratio Lower Upper
188 100
94 10.7 8.0 12.0
80 11.6 8.6 12.8

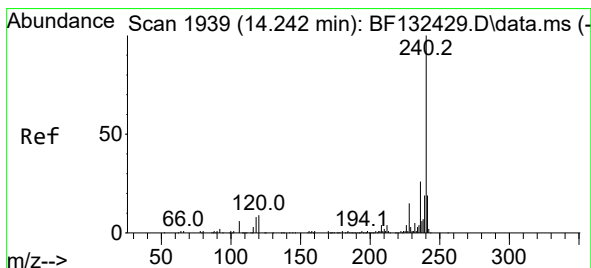
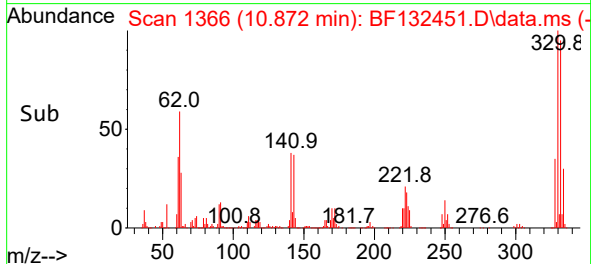
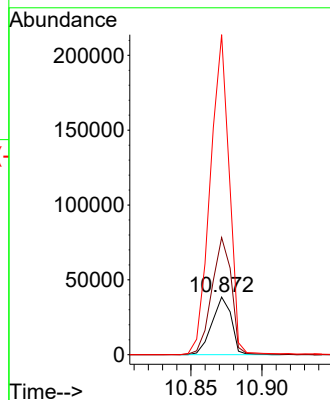
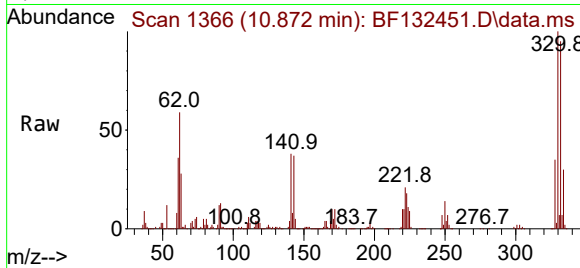




#67
4-Bromophenyl-phenylether
Concen: 4.631 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

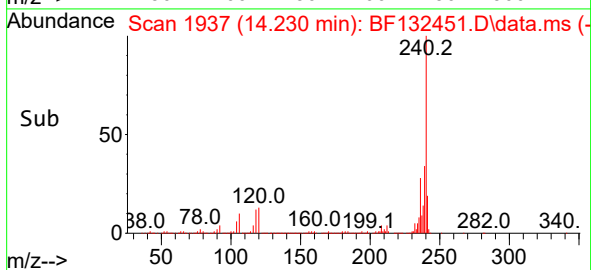
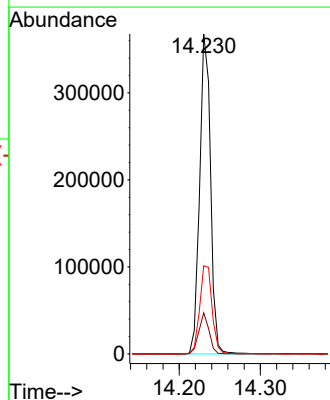
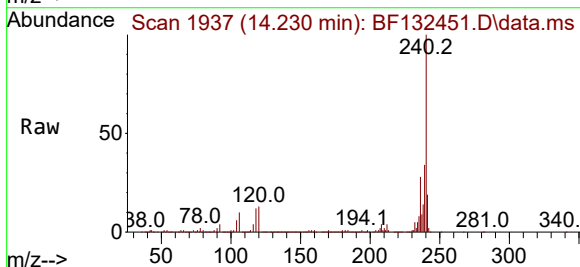
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

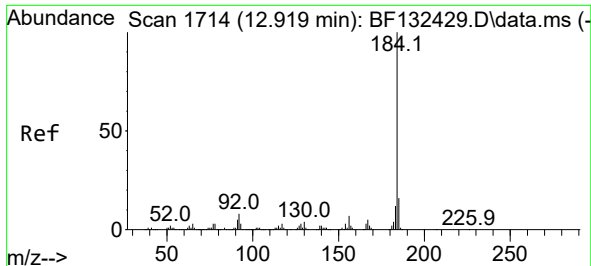
Tgt Ion:248 Resp: 36656
Ion Ratio Lower Upper
248 100
250 203.1 79.0 118.4#
141 555.0 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:240 Resp: 343735
Ion Ratio Lower Upper
240 100
120 12.8 7.5 11.3#
236 27.5 21.0 31.6

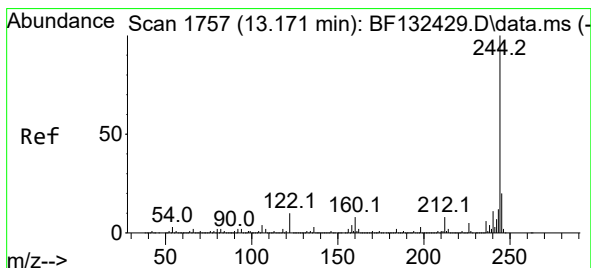
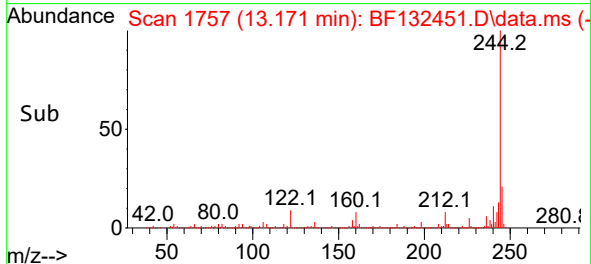
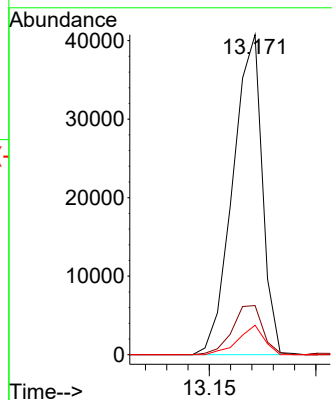
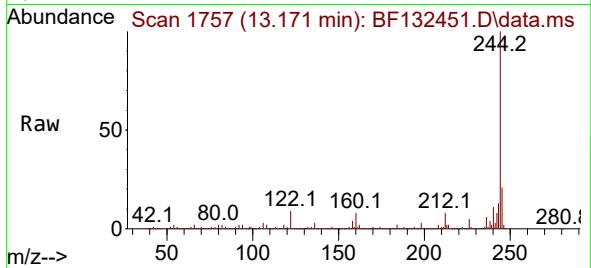




#77
Benzidine
Concen: 5.346 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.253 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

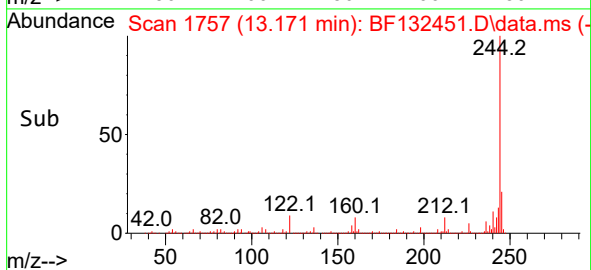
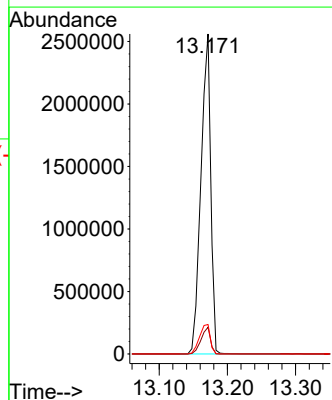
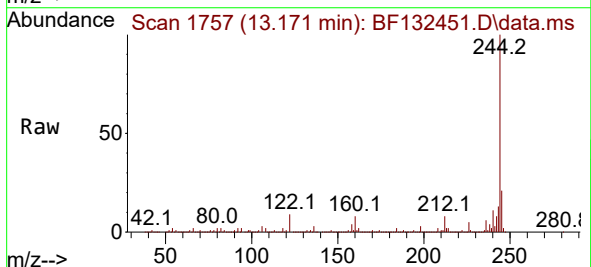
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

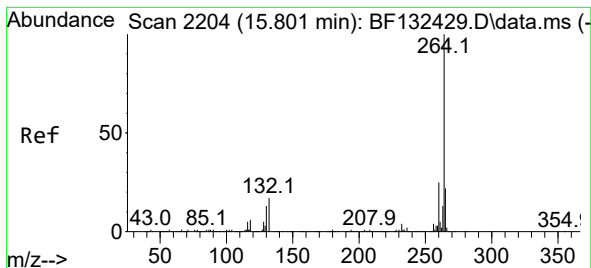
Tgt Ion:184 Resp: 39132
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 9.2 9.2 13.8



#79
Terphenyl-d14
Concen: 135.176 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:244 Resp: 2551326
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 9.2 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.795 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Instrument :

BNA_F

ClientSampleId :

COMP-8RE

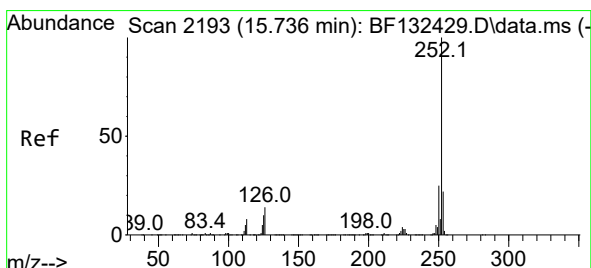
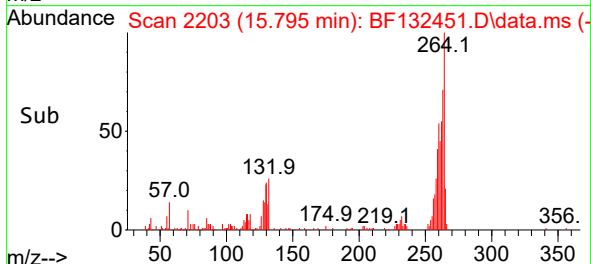
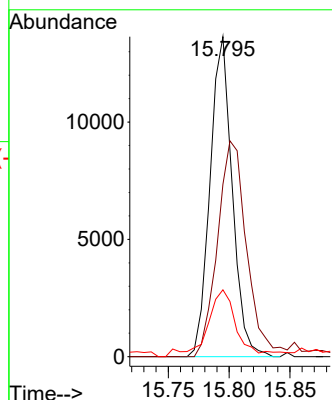
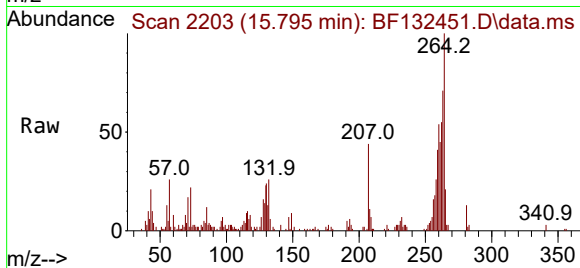
Tgt Ion:264 Resp: 17292

Ion Ratio Lower Upper

264 100

260 53.9 20.0 30.0#

265 20.9 17.2 25.8



#90

Benzo(a)pyrene

Concen: 2.065 ng

RT: 15.812 min Scan# 2206

Delta R.T. 0.076 min

Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Tgt Ion:252 Resp: 2182

Ion Ratio Lower Upper

252 100

253 199.7 17.6 26.4#

125 60.3 8.2 12.4#

