

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128783.D
 Acq On : 13 Jun 2022 14:41
 Operator : CG\JU
 Sample : N3299-06RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-18RE

Quant Time: Jun 14 01:55:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

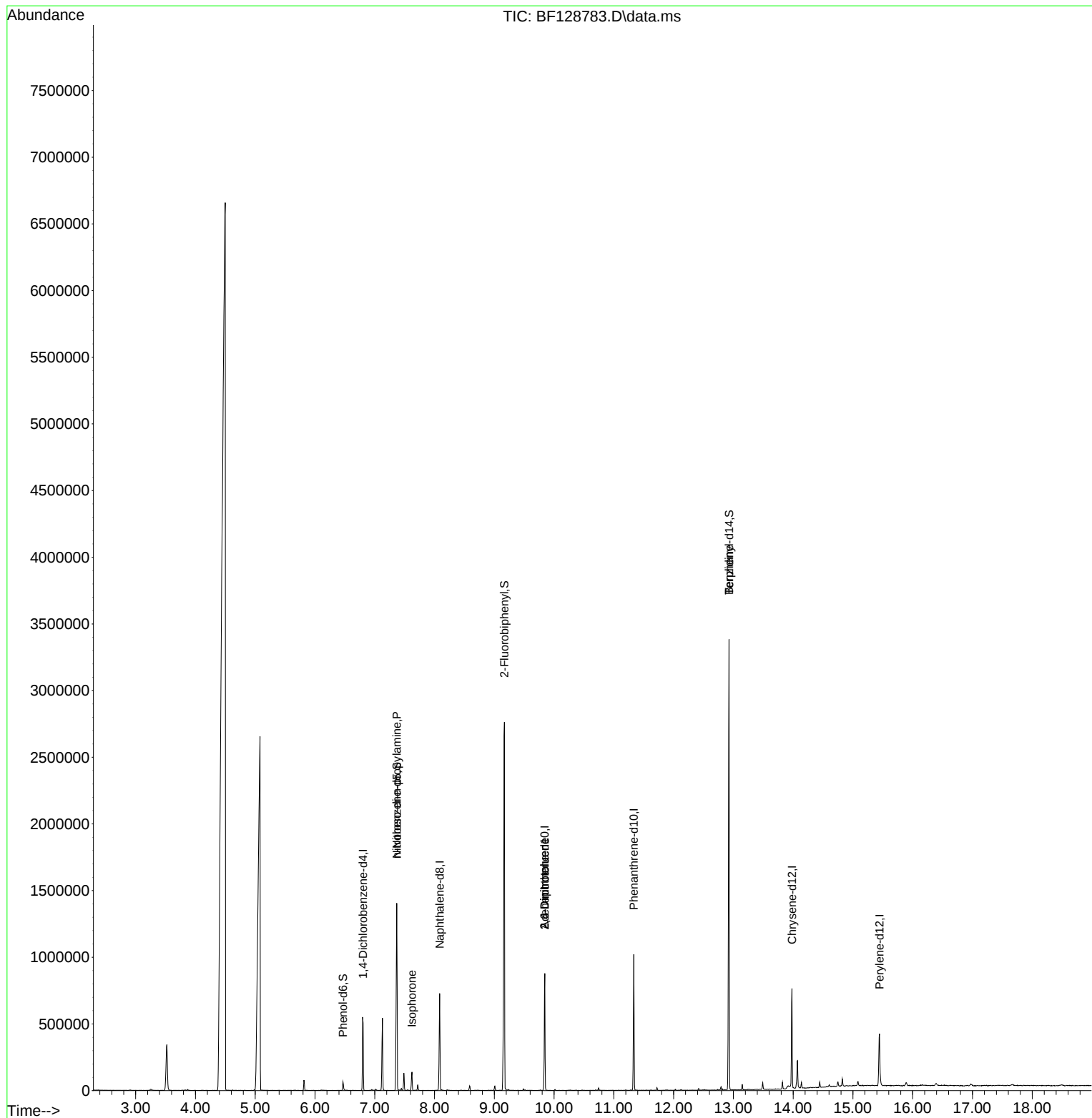
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	78399	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	306258	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	180497	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	342697	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	258187	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	184047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	282	0.057	ng	0.02
7) Phenol-d6	6.469	99	20102	3.346	ng	-0.01
23) Nitrobenzene-d5	7.369	82	482691	73.381	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.169	172	985172	76.457	ng	0.00
79) Terphenyl-d14	12.927	244	1183299	79.638	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67581	18.091	ng	# 76
25) Isophorone	7.622	82	51915	5.196	ng	# 99
51) 2,6-Dinitrotoluene	9.845	165	23008	9.436	ng	# 25
57) 2,4-Dinitrotoluene	9.845	165	23008	7.070	ng	# 21
77) Benzidine	12.927	184	16901	3.284	ng	# 93

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

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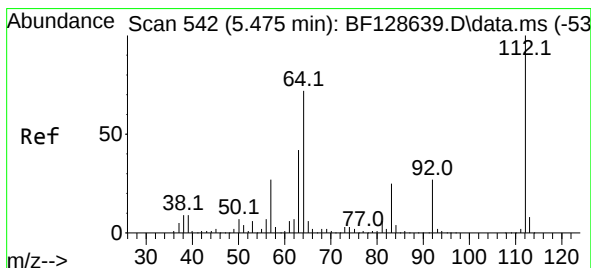
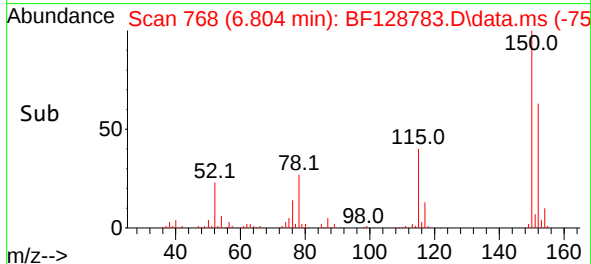
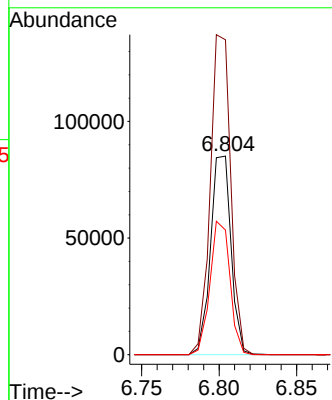
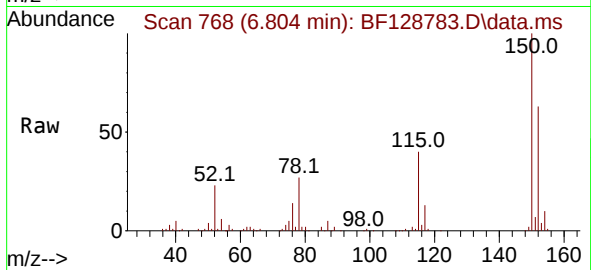




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

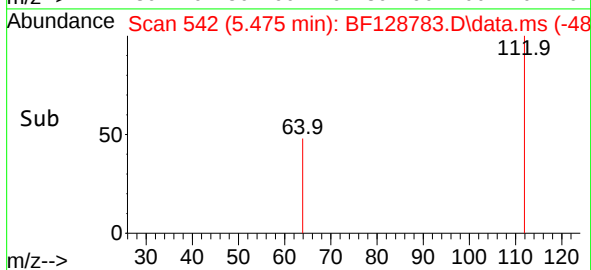
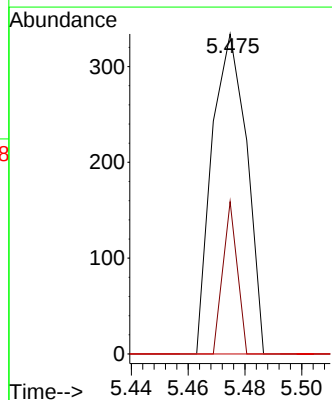
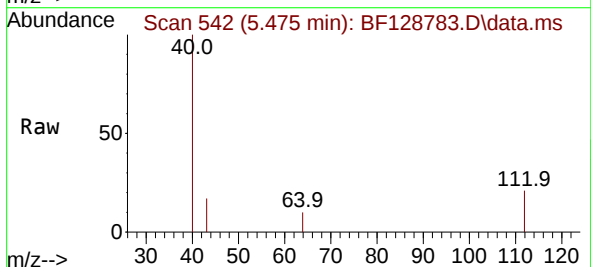
Instrument :
BNA_F
ClientSampleId :
SC-18RE

Tgt Ion:152 Resp: 78399
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 0.057 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.017 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion:112 Resp: 282
Ion Ratio Lower Upper
112 100
64 47.6 53.3 79.9#
63 0.0 28.0 42.0#

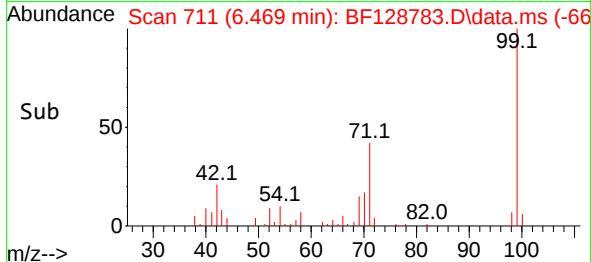
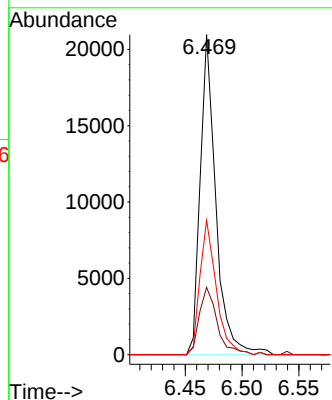
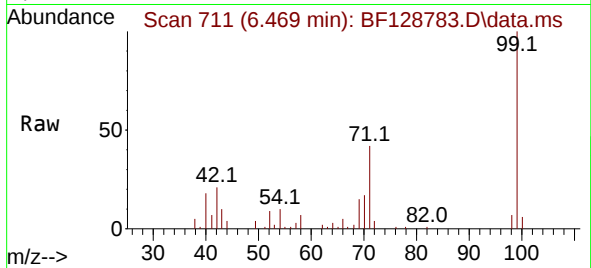




#7
Phenol-d6
Concen: 3.346 ng
RT: 6.469 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

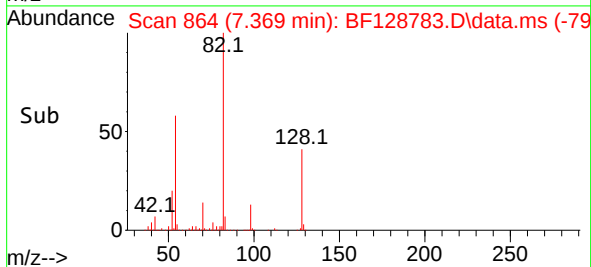
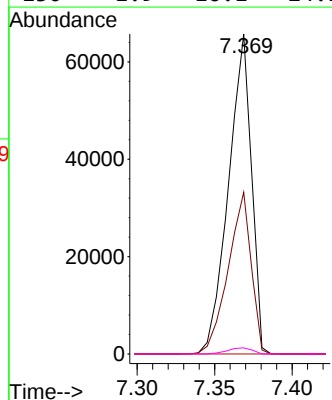
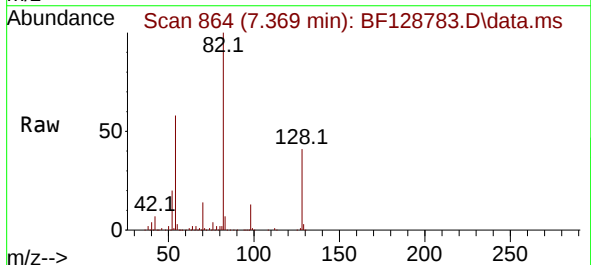
Instrument :
BNA_F
ClientSampleId :
SC-18RE

Tgt Ion: 99 Resp: 20102
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 42.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.091 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion: 70 Resp: 67581
Ion Ratio Lower Upper
70 100
42 50.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128783.D

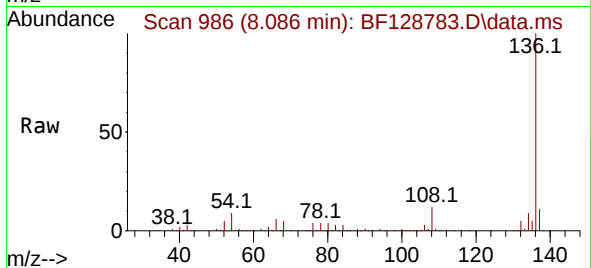
Acq: 13 Jun 2022 14:41

Instrument :

BNA_F

ClientSampleId :

SC-18RE



Tgt Ion:136 Resp: 306258

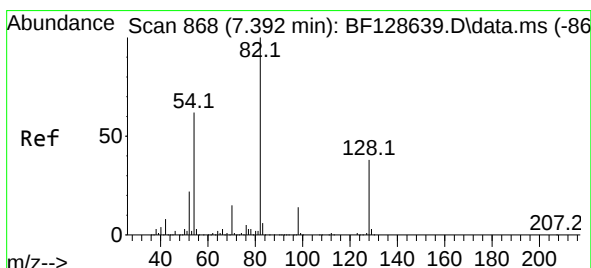
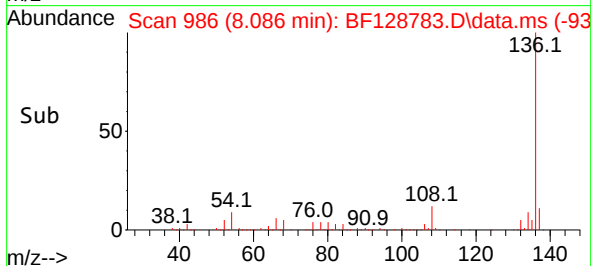
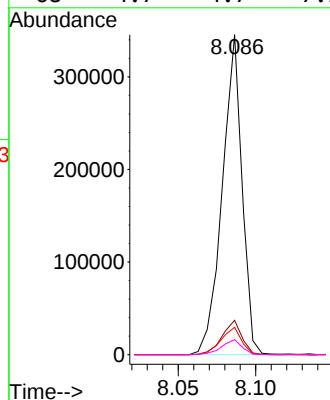
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 7.5 11.3

68 4.7 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 73.381 ng

RT: 7.369 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF128783.D

Acq: 13 Jun 2022 14:41

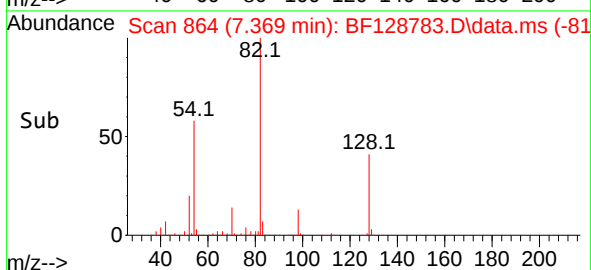
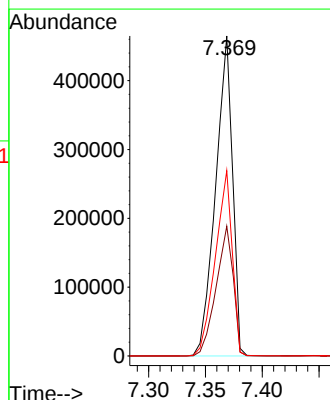
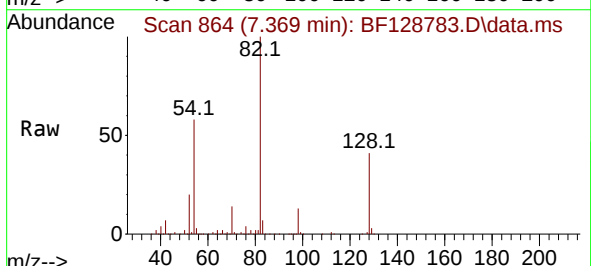
Tgt Ion: 82 Resp: 482691

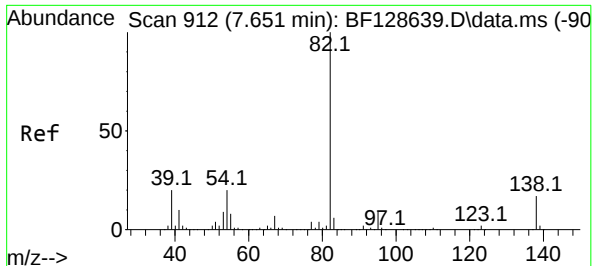
Ion Ratio Lower Upper

82 100

128 40.6 34.0 51.0

54 57.9 46.9 70.3

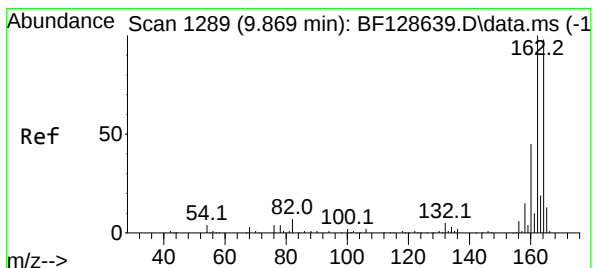
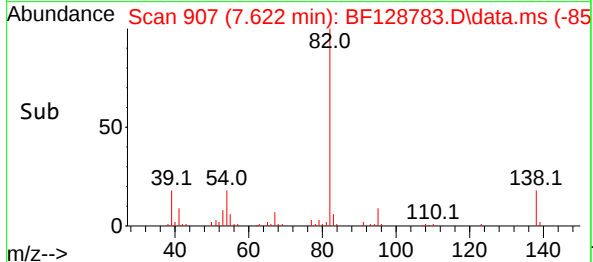
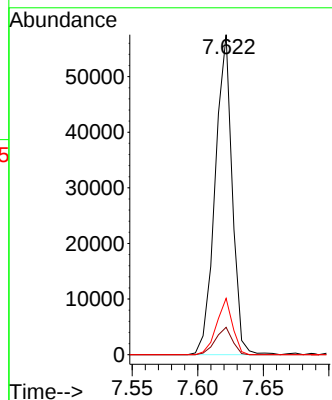
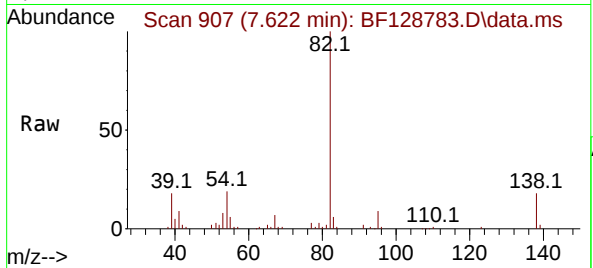




#25
Isophorone
Concen: 5.196 ng
RT: 7.622 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

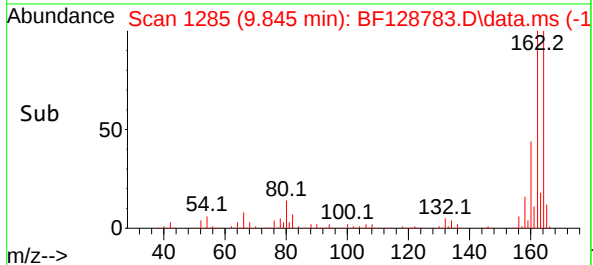
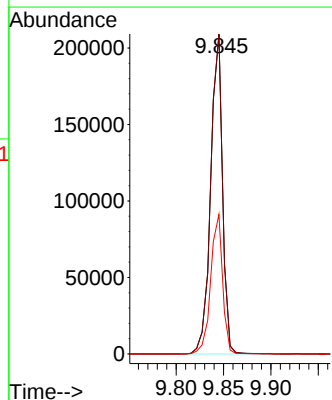
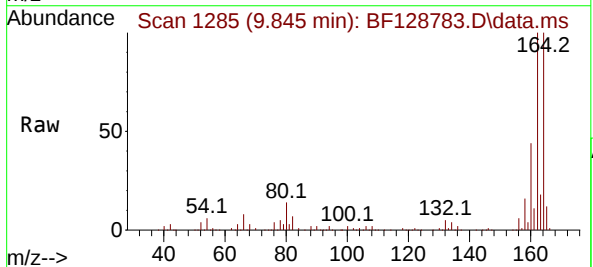
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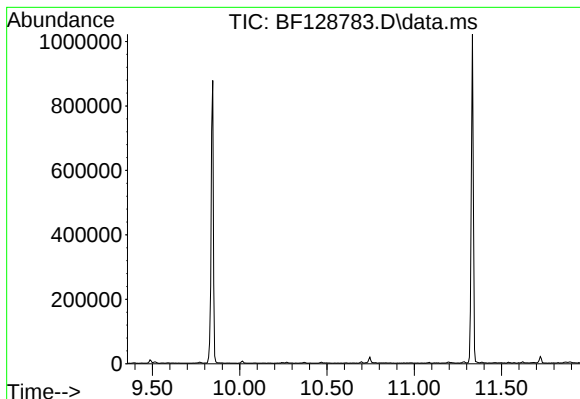
Tgt Ion: 82 Resp: 51915
Ion Ratio Lower Upper
82 100
95 8.5 5.7 8.5#
138 17.6 14.2 21.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion:164 Resp: 180497
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 43.7 34.2 51.4



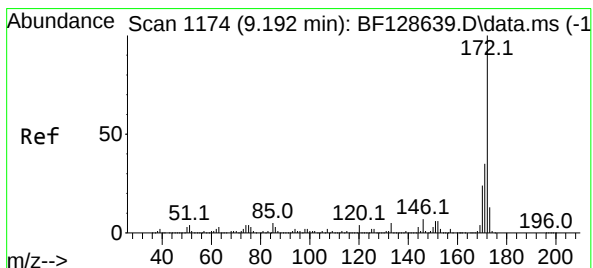
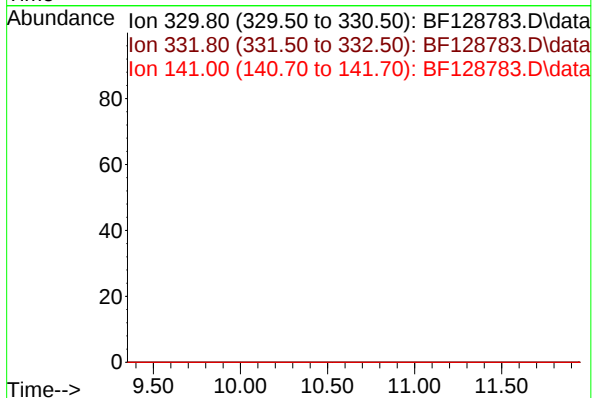


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF128783.D
 Acq: 13 Jun 2022 14:41

Instrument :
 BNA_F
 ClientSampleId :
 SC-18RE

Tgt Ion: 330

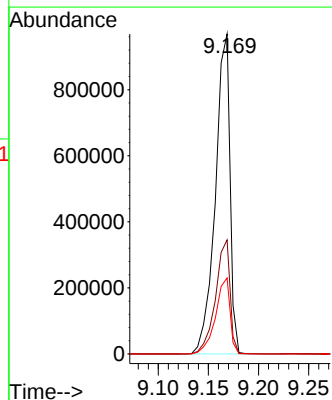
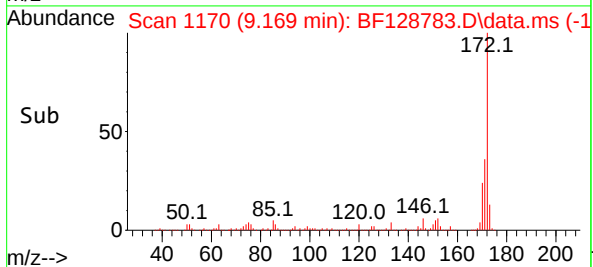
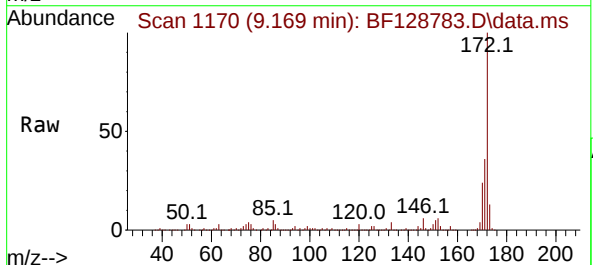
Sig	Exp Ratio
330	100
332	96.0
141	35.0



#45
 2-Fluorobiphenyl
 Concen: 76.457 ng
 RT: 9.169 min Scan# 1170
 Delta R.T. -0.006 min
 Lab File: BF128783.D
 Acq: 13 Jun 2022 14:41

Tgt Ion: 172 Resp: 985172

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.7	19.8	29.8

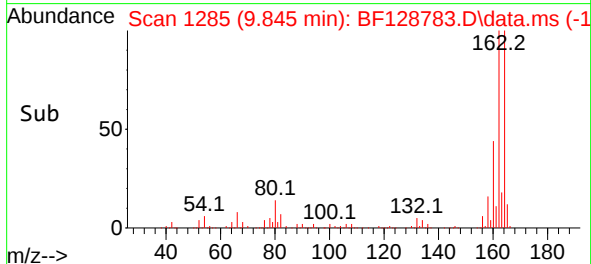
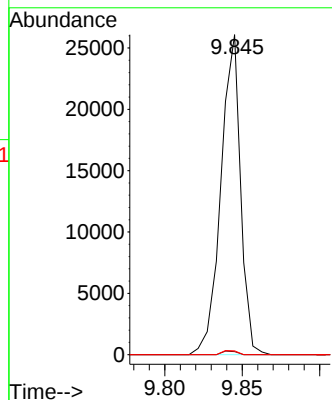
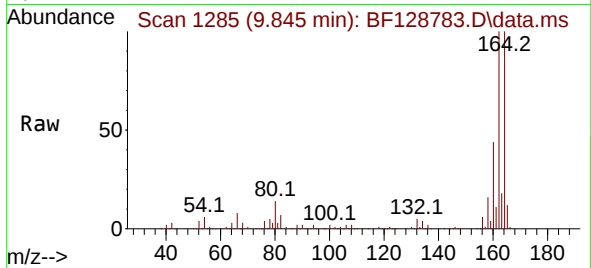




#51
2,6-Dinitrotoluene
Concen: 9.436 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

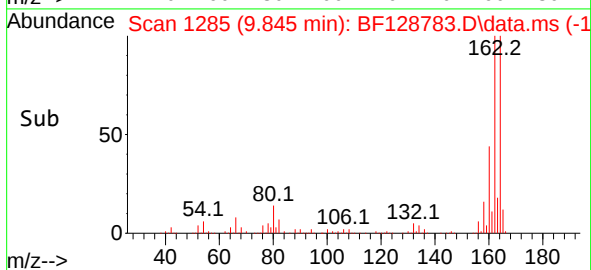
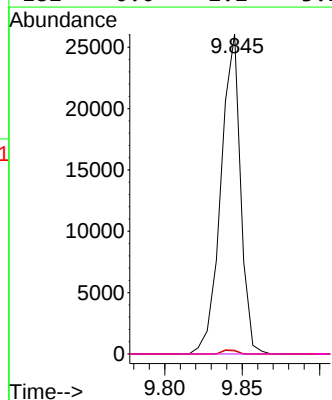
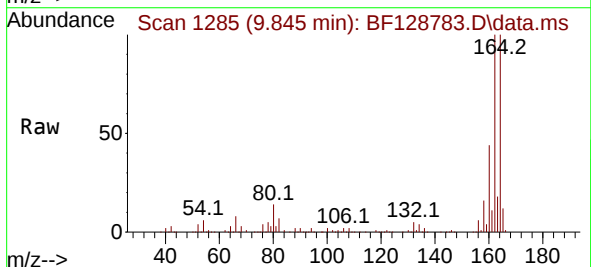
Instrument :
BNA_F
ClientSampleId :
SC-18RE

Tgt Ion:165 Resp: 23008
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.070 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.200 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion:165 Resp: 23008
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

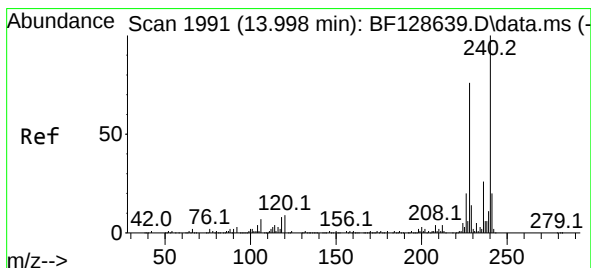
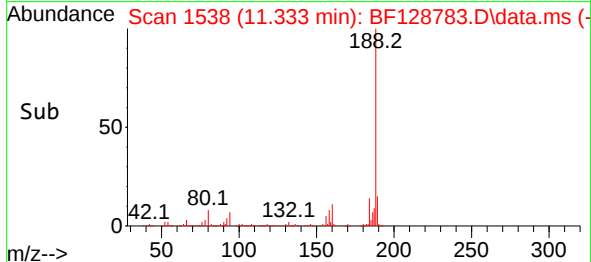
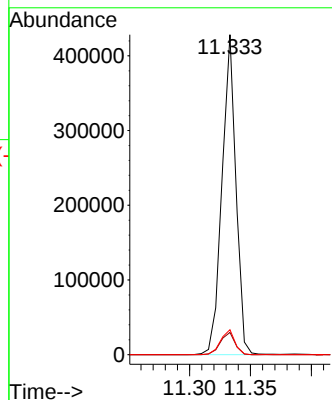
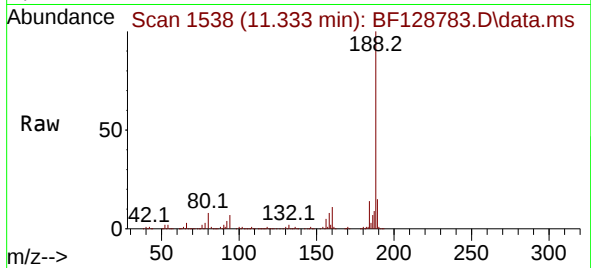




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

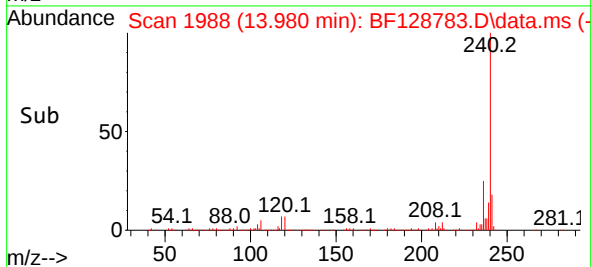
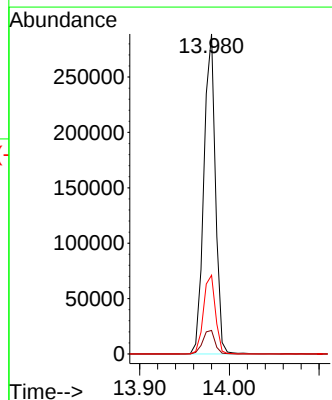
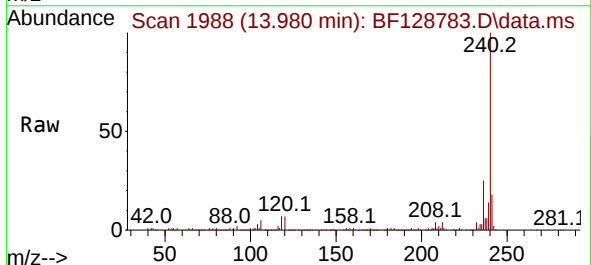
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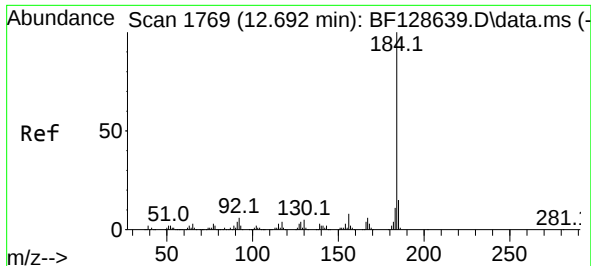
Tgt Ion:188 Resp: 342697
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion:240 Resp: 258187
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 24.6 20.8 31.2

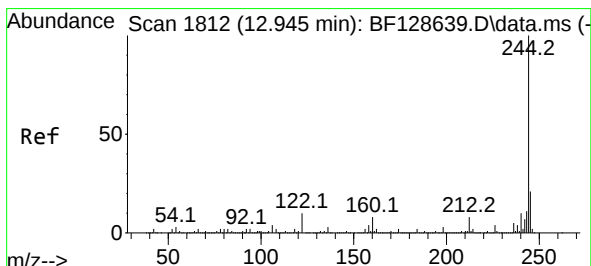
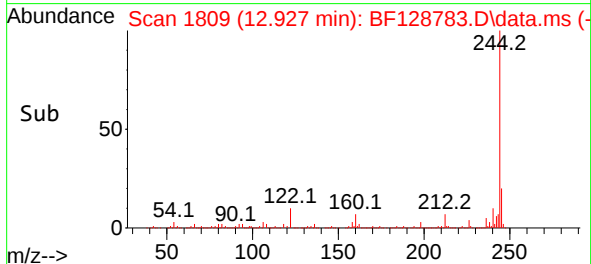
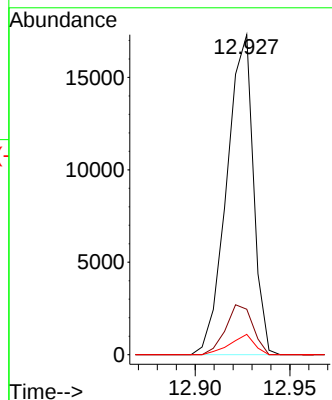
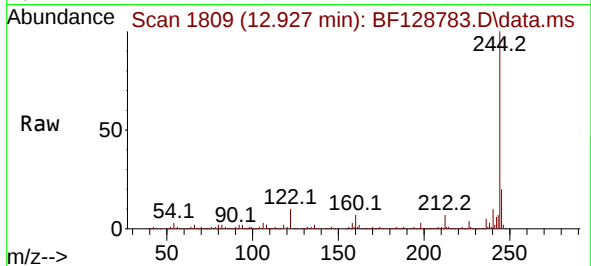




#77
Benzidine
Concen: 3.284 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

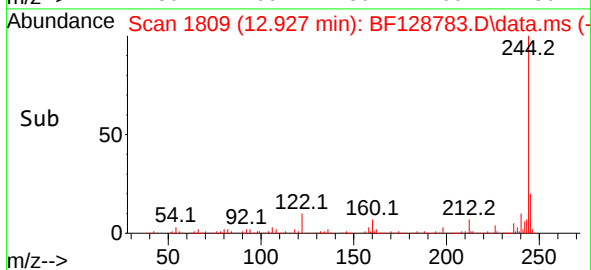
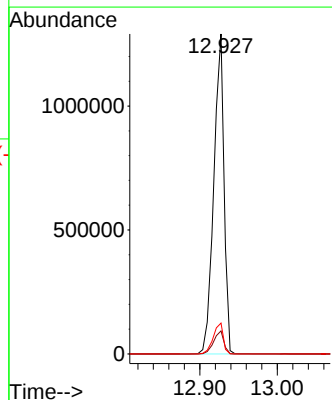
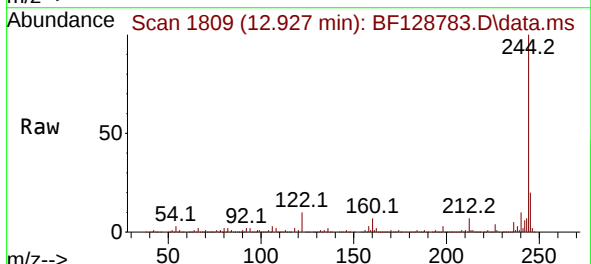
Instrument :
BNA_F
ClientSampleId :
SC-18RE

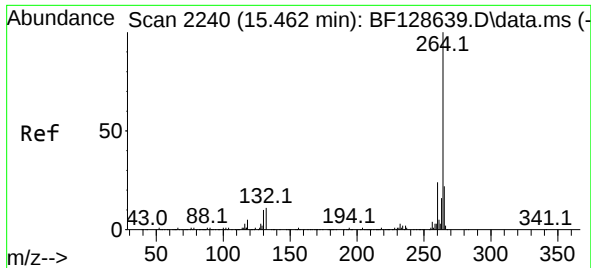
Tgt Ion:184 Resp: 16901
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 79.638 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Tgt Ion:244 Resp: 1183299
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128783.D
Acq: 13 Jun 2022 14:41

Instrument :
BNA_F
ClientSampleId :
SC-18RE

Tgt Ion:264 Resp: 184047
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.6 17.2 25.8

