

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128781.D
 Acq On : 13 Jun 2022 13:41
 Operator : CG\JU
 Sample : N3299-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-17RE

Quant Time: Jun 14 01:55:23 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)

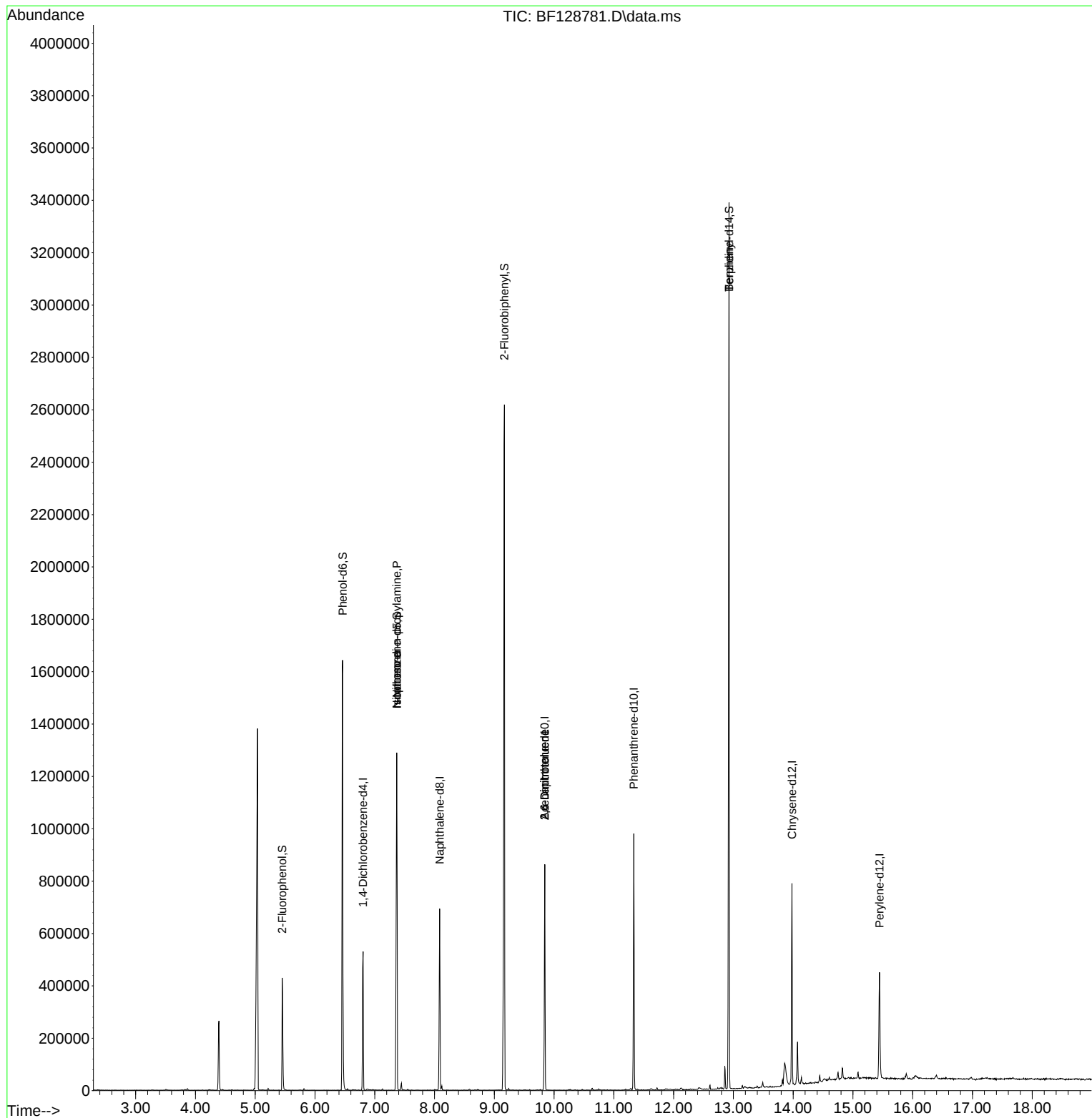
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	74761	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	292193	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	173189	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	333402	20.000	ng	0.00
76) Chrysene-d12	13.980	240	255890	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	186576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	107142	22.827	ng	0.00
7) Phenol-d6	6.463	99	526482	91.892	ng	-0.02
23) Nitrobenzene-d5	7.369	82	453642	72.284	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	1573	0.769	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	927403	75.011	ng	0.00
79) Terphenyl-d14	12.927	244	1157575	78.606	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	63329	17.778	ng	# 77
25) Isophorone	7.369	82	452375	47.461	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	22379	9.565	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	22379	7.167	ng	# 22
77) Benzidine	12.927	184	16408	3.217	ng	# 93

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

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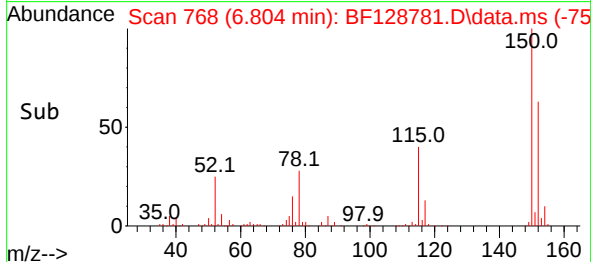
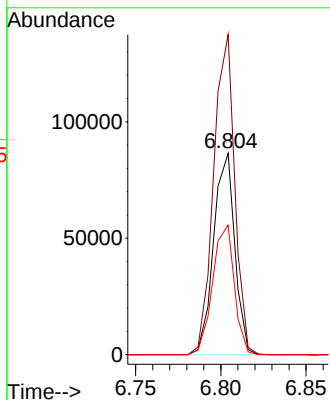
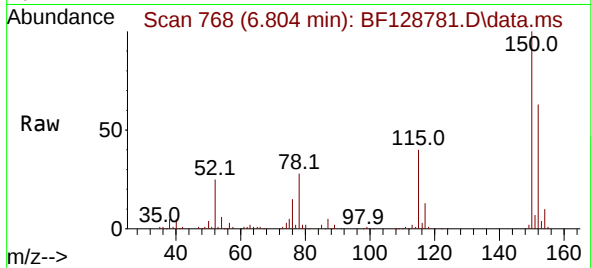




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

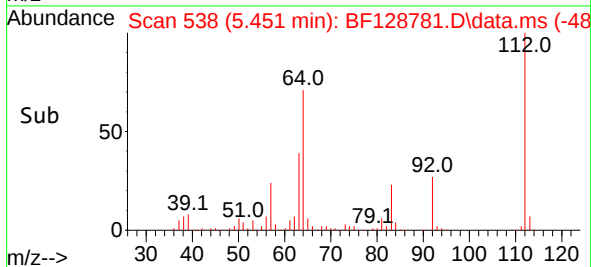
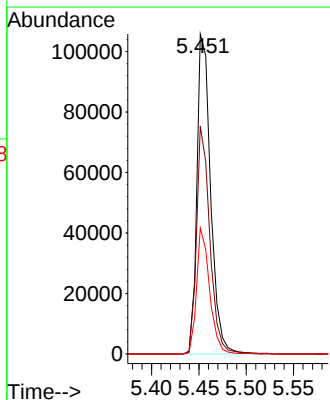
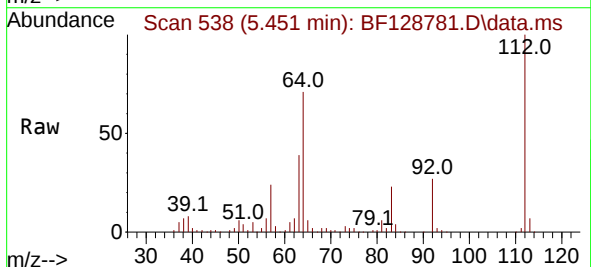
Instrument :
BNA_F
ClientSampleId :
SC-17RE

Tgt Ion:152 Resp: 74761
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 22.827 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

Tgt Ion:112 Resp: 107142
Ion Ratio Lower Upper
112 100
64 71.2 53.3 79.9
63 39.4 28.0 42.0

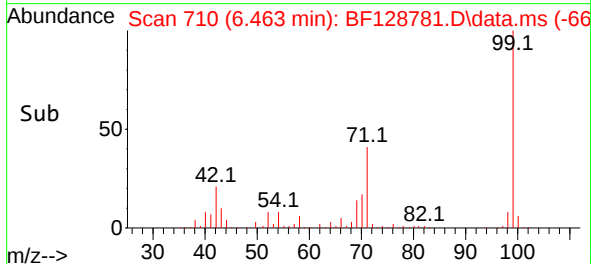
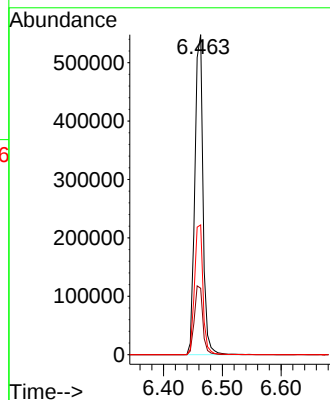
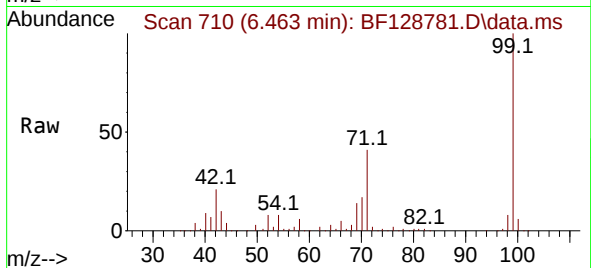




#7
Phenol-d6
Concen: 91.892 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

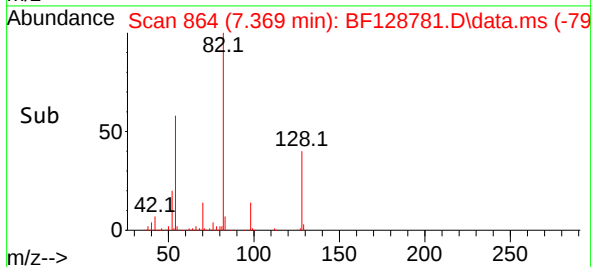
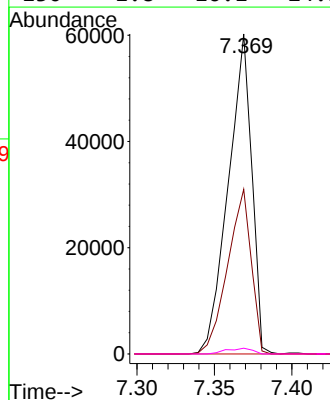
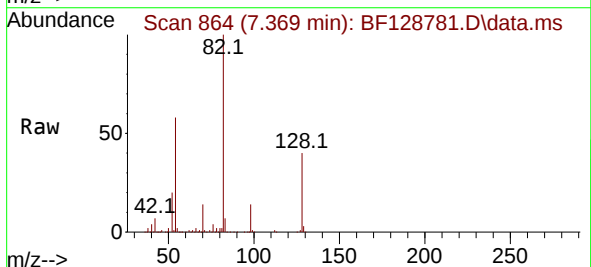
Instrument :
BNA_F
ClientSampleId :
SC-17RE

Tgt Ion: 99 Resp: 526482
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 40.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.778 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

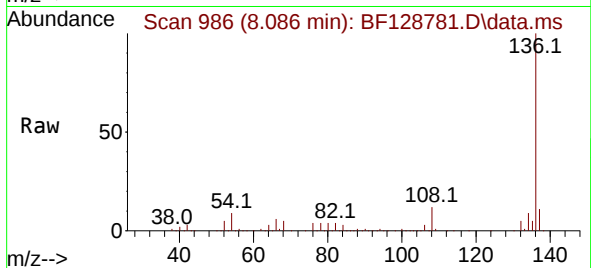
Tgt Ion: 70 Resp: 63329
Ion Ratio Lower Upper
70 100
42 51.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



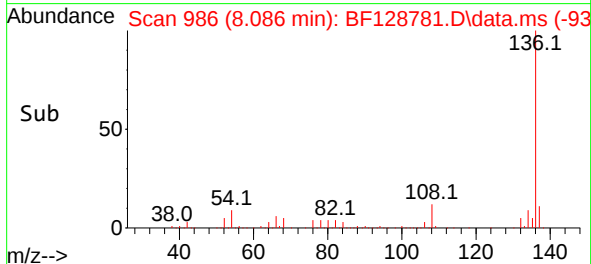
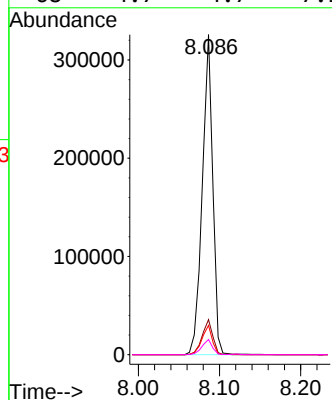


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

Instrument :
BNA_F
ClientSampleId :
SC-17RE

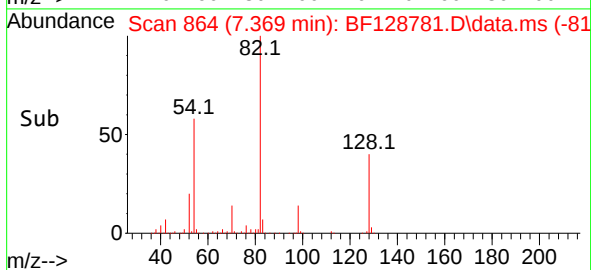
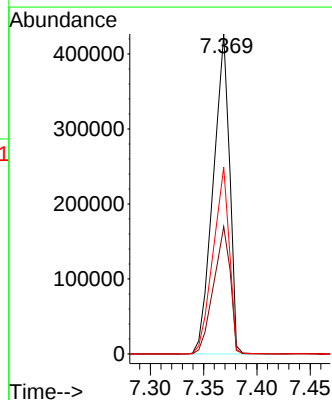
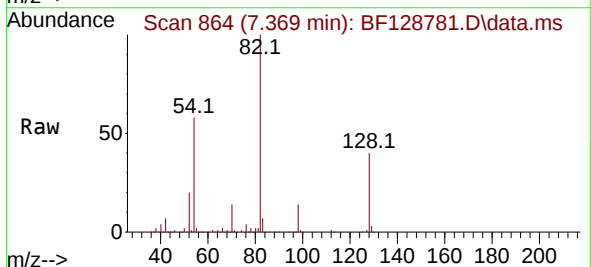


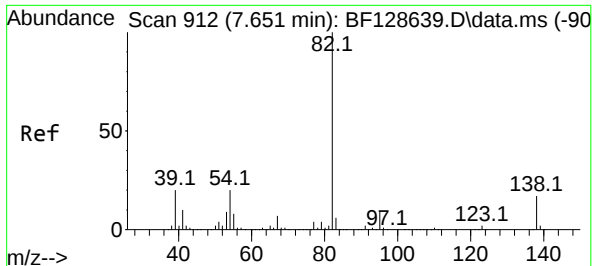
Tgt Ion:	136	Resp:	292193
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.1	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 72.284 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

Tgt Ion:	82	Resp:	453642
Ion Ratio	Lower	Upper	
82	100		
128	39.8	34.0	51.0
54	58.3	46.9	70.3

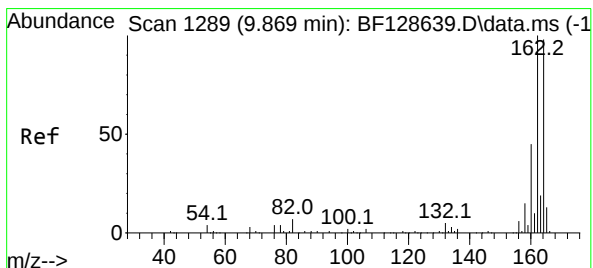
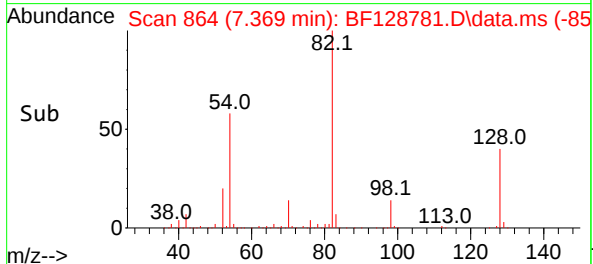
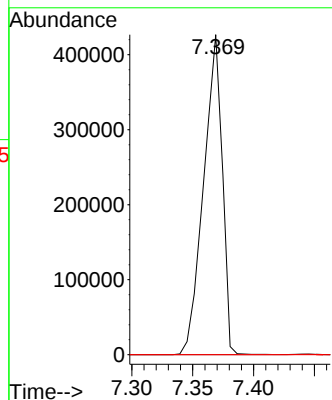
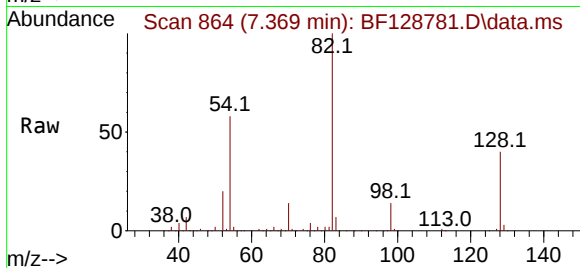




#25
Isophorone
Concen: 47.461 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

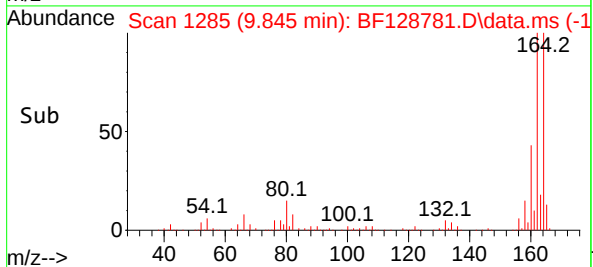
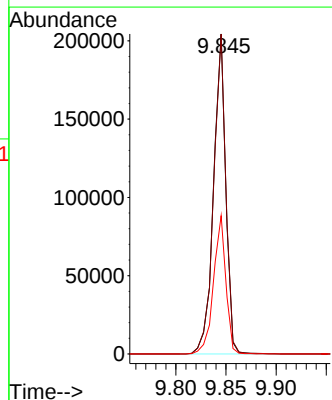
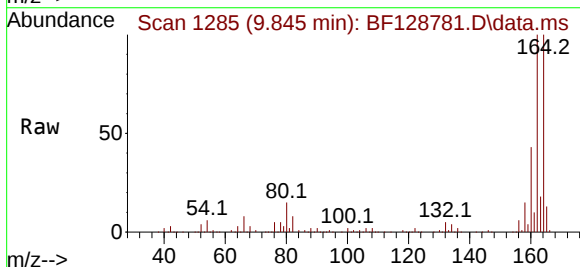
Instrument :
BNA_F
ClientSampleId :
SC-17RE

Tgt Ion: 82 Resp: 452375
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 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: BF128781.D
Acq: 13 Jun 2022 13:41

Tgt Ion:164 Resp: 173189
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 0.769 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128781.D

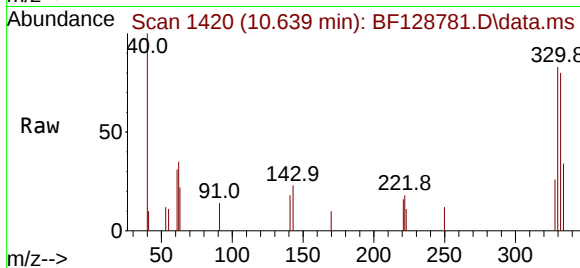
Acq: 13 Jun 2022 13:41

Instrument :

BNA_F

ClientSampleId :

SC-17RE



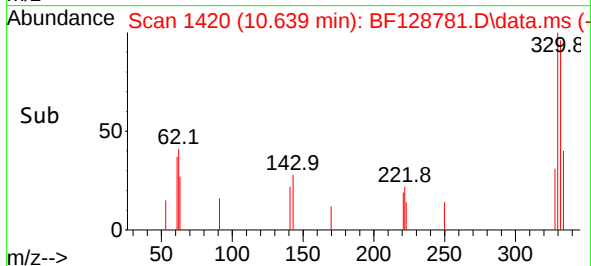
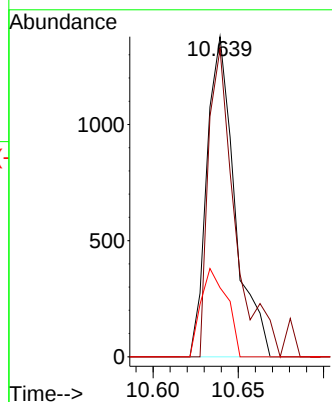
Tgt Ion:330 Resp: 1573

Ion Ratio Lower Upper

330 100

332 94.7 76.8 115.2

141 25.6 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 75.011 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128781.D

Acq: 13 Jun 2022 13:41

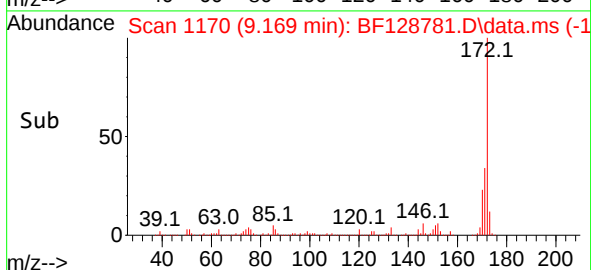
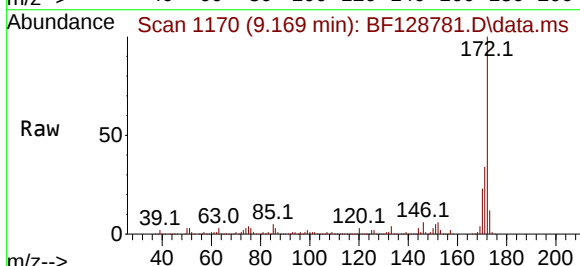
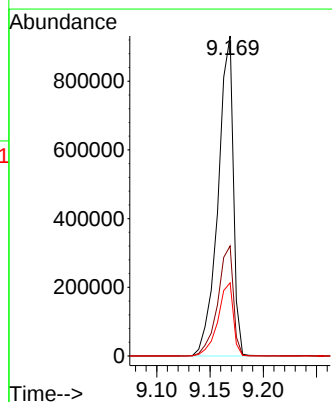
Tgt Ion:172 Resp: 927403

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 22.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.565 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF128781.D

Acq: 13 Jun 2022 13:41

Instrument :

BNA_F

ClientSampleId :

SC-17RE

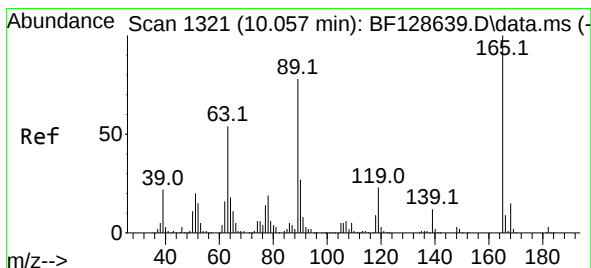
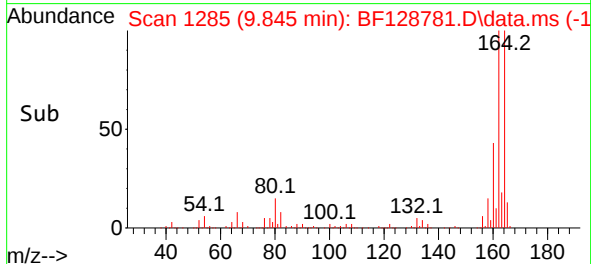
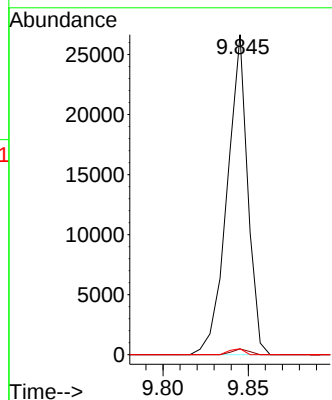
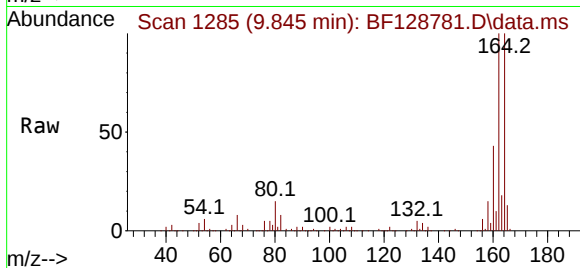
Tgt Ion:165 Resp: 22379

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.167 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.200 min

Lab File: BF128781.D

Acq: 13 Jun 2022 13:41

Tgt Ion:165 Resp: 22379

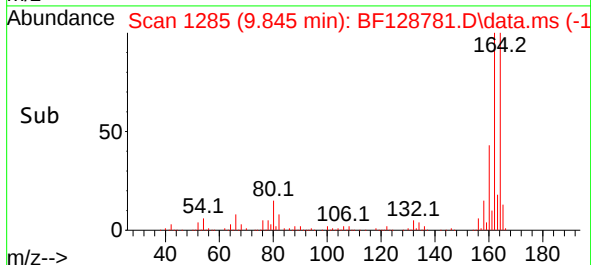
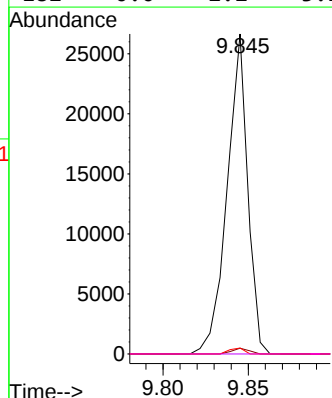
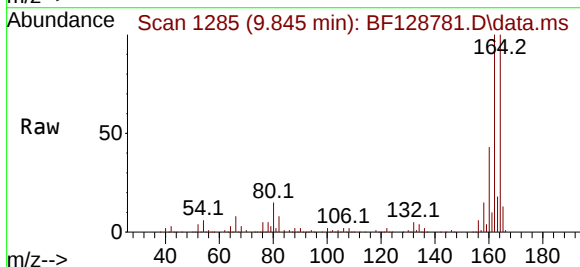
Ion Ratio Lower Upper

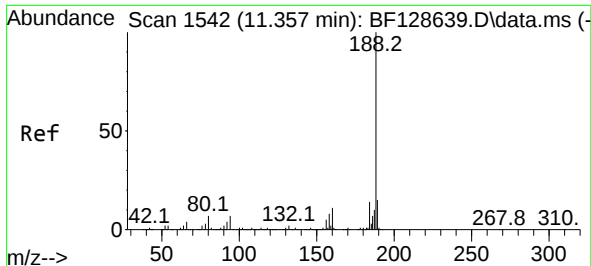
165 100

63 1.8 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

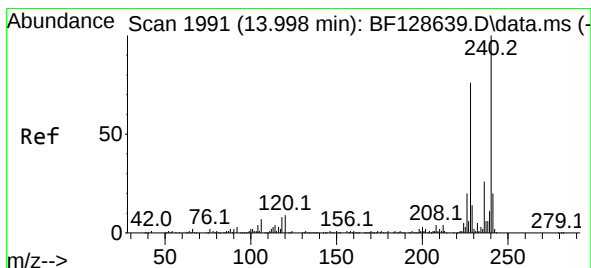
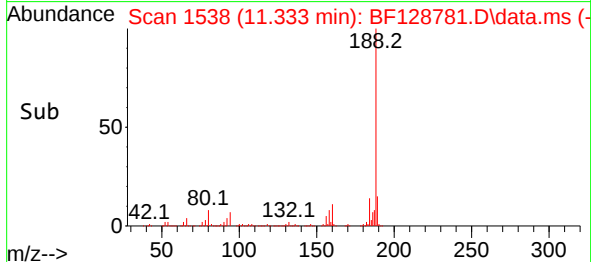
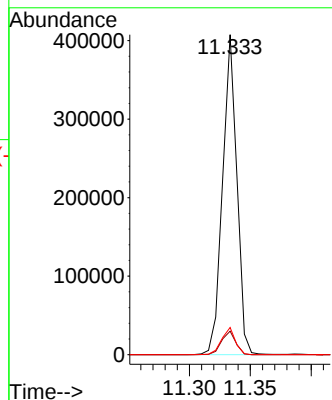
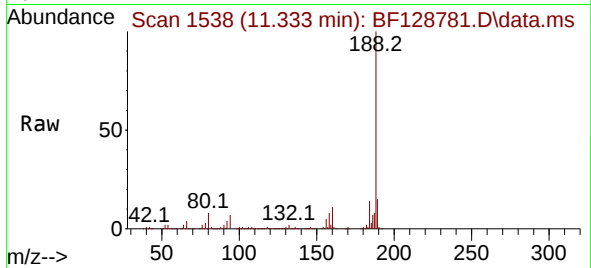




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

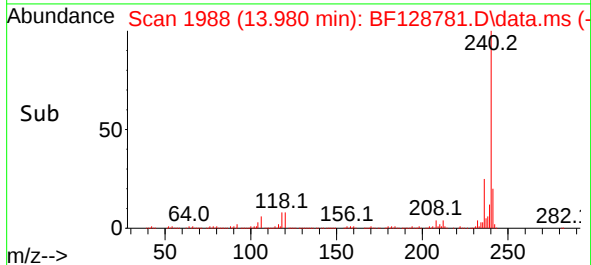
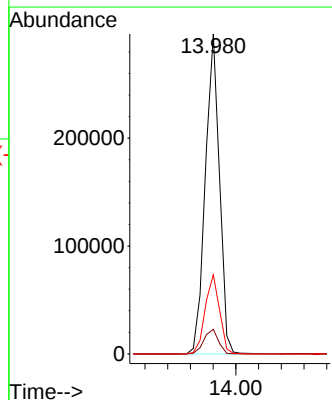
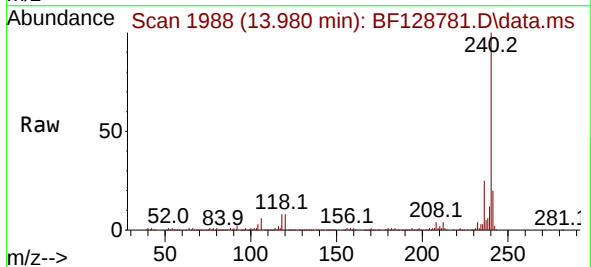
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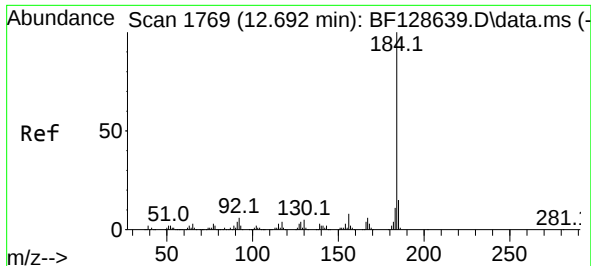
Tgt Ion:188 Resp: 333402
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

Tgt Ion:240 Resp: 255890
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 24.8 20.8 31.2

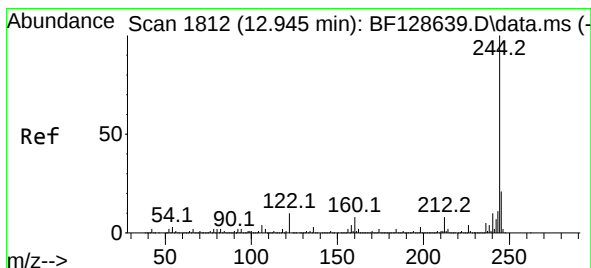
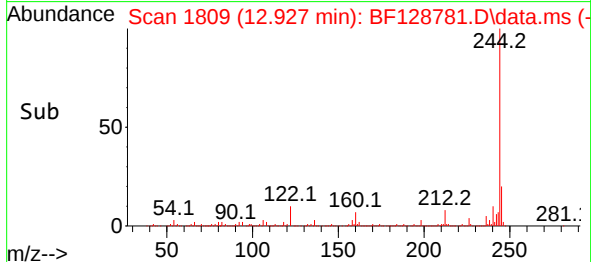
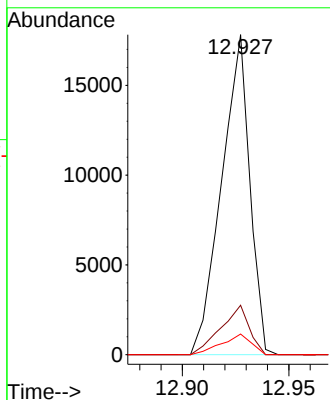
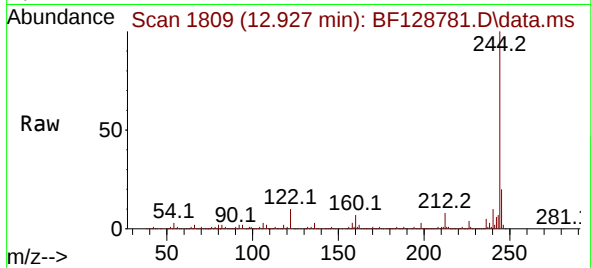




#77
Benzidine
Concen: 3.217 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

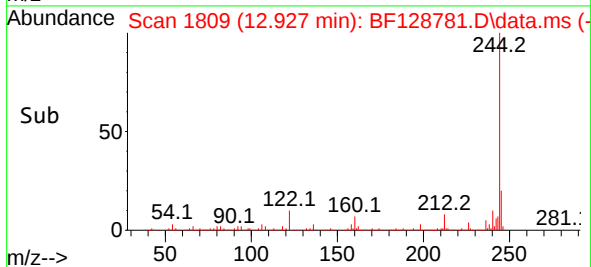
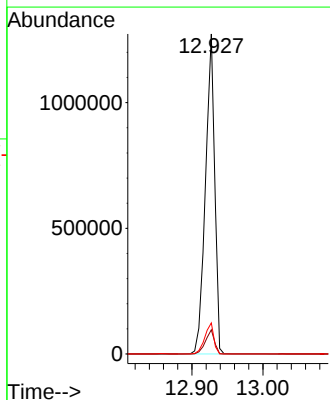
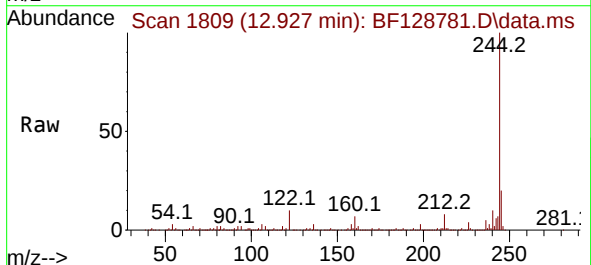
Instrument :
BNA_F
ClientSampleId :
SC-17RE

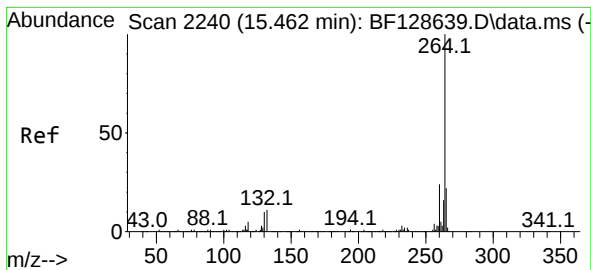
Tgt Ion:184 Resp: 16408
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 6.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.606 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128781.D
Acq: 13 Jun 2022 13:41

Tgt Ion:244 Resp: 1157575
Ion Ratio Lower Upper
244 100
212 7.6 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: BF128781.D
Acq: 13 Jun 2022 13:41

Instrument :
BNA_F
ClientSampleId :
SC-17RE

Tgt Ion:264 Resp: 186576
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.4 17.2 25.8

