

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128133.D
 Acq On : 06 May 2022 19:27
 Operator : CG\JU
 Sample : N2705-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48967

Quant Time: May 06 23:25:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

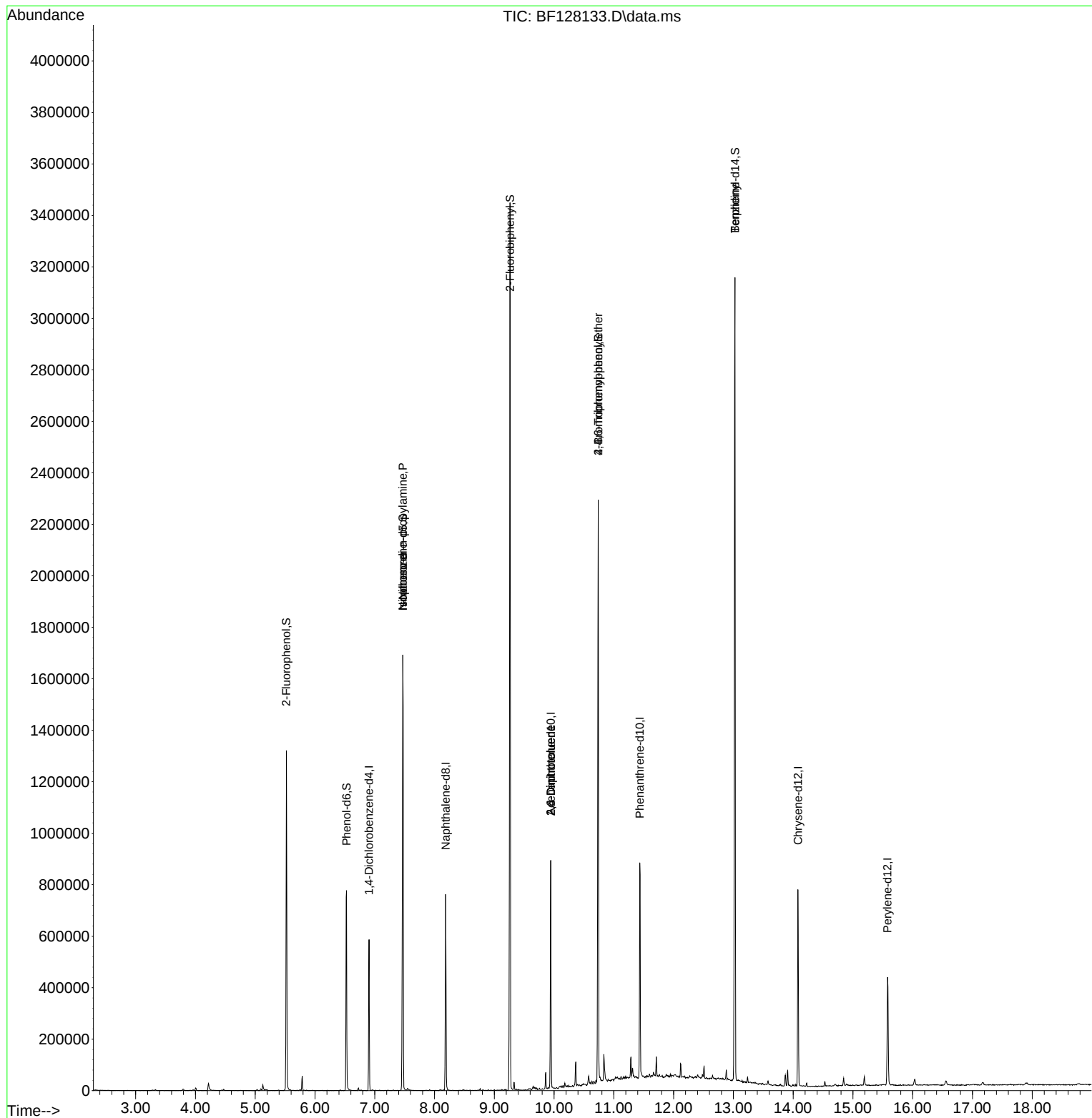
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76252	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	297893	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	170097	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	323507	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	253395	20.000	ng	-0.01
86) Perylene-d12	15.580	264	190221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	307837	64.302	ng	-0.01
7) Phenol-d6	6.528	99	251699	40.519	ng	-0.02
23) Nitrobenzene-d5	7.469	82	638084	100.725	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	262013	153.017	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1010879	100.540	ng	0.00
79) Terphenyl-d14	13.027	244	1119224	80.766	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	87071	22.898	ng	# 78
25) Isophorone	7.469	82	636505	59.698	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	22272	9.017	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	22272	6.808	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	16407	4.575	ng	# 1
77) Benzydine	13.027	184	15921	3.321	ng	# 96

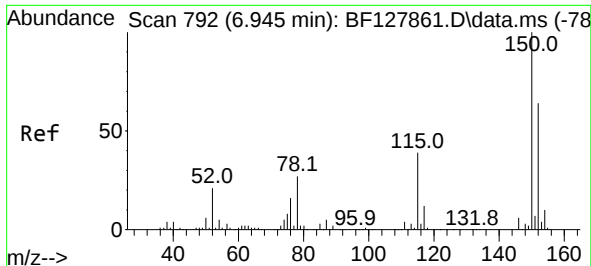
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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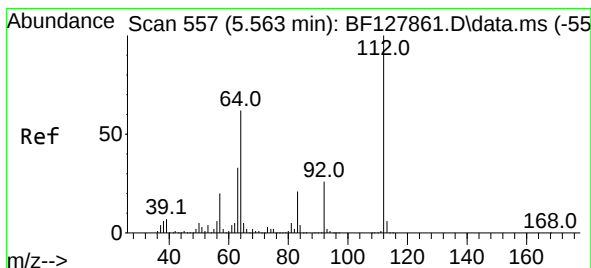
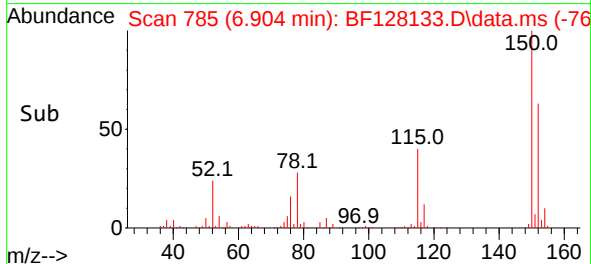
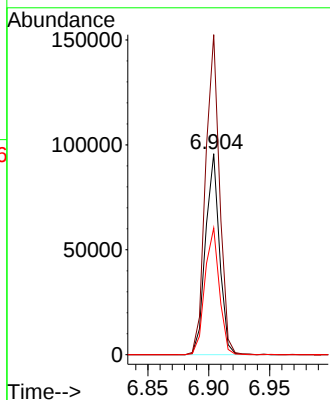
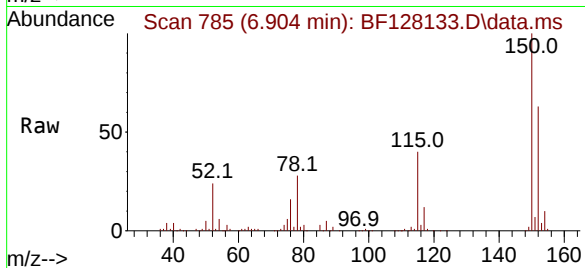




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

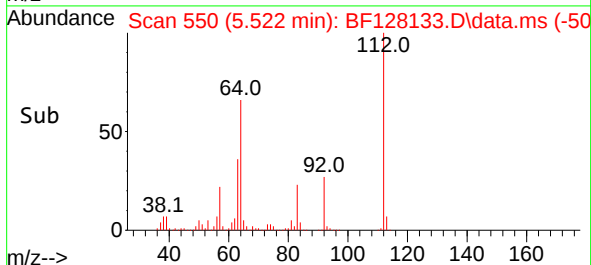
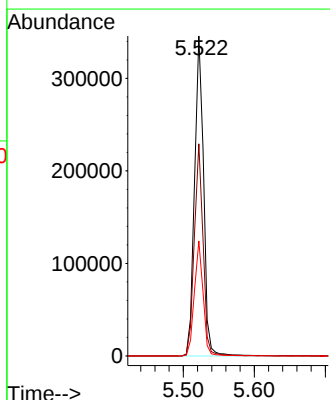
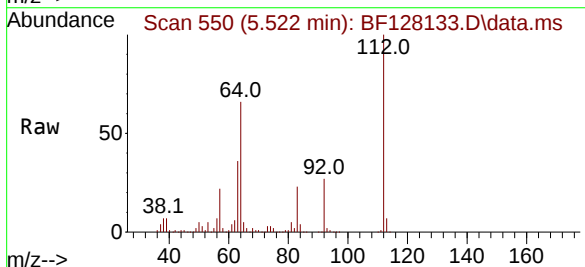
Instrument :
BNA_F
ClientSampleId :
N48967

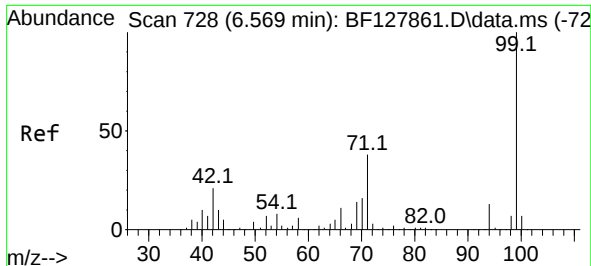
Tgt Ion:152 Resp: 76252
Ion Ratio Lower Upper
152 100
150 159.3 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 64.302 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.012 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion:112 Resp: 307837
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 36.0 26.3 39.5

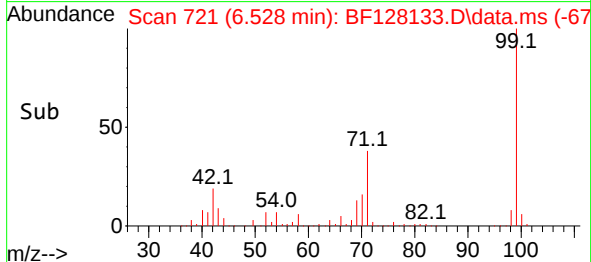
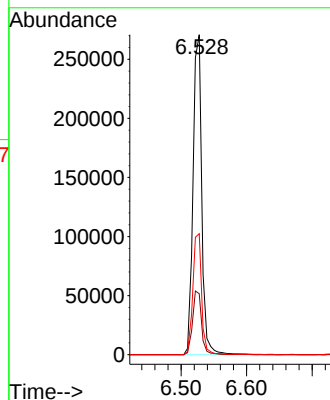
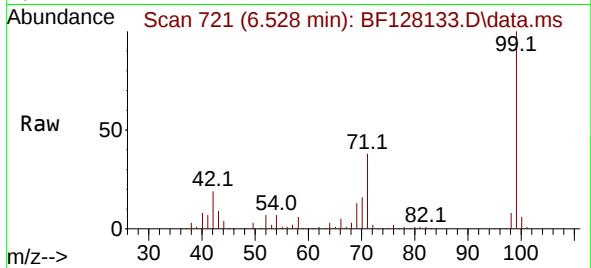




#7
Phenol-d6
Concen: 40.519 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

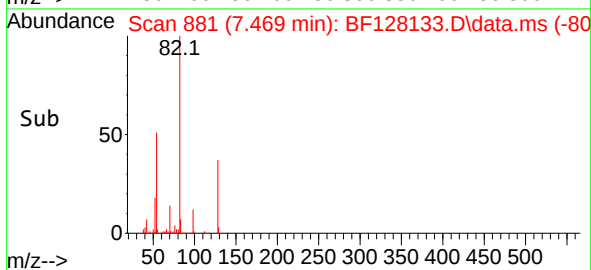
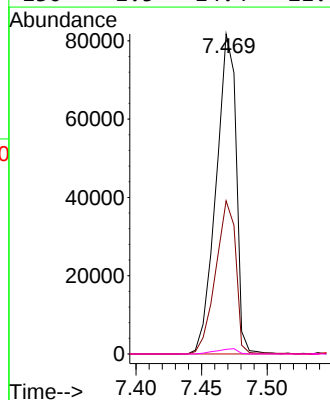
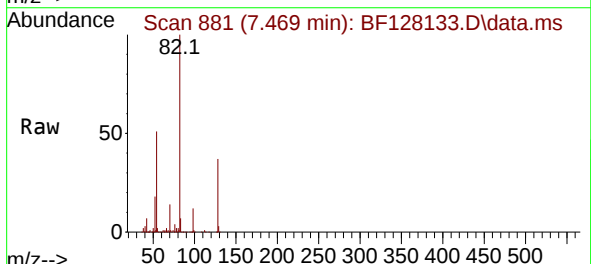
Instrument :
BNA_F
ClientSampleId :
N48967

Tgt Ion: 99 Resp: 251699
Ion Ratio Lower Upper
99 100
42 19.1 16.6 24.8
71 37.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.898 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion: 70 Resp: 87071
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

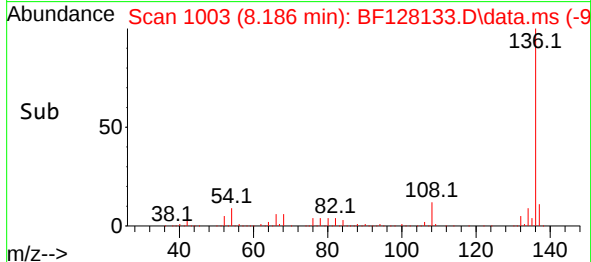
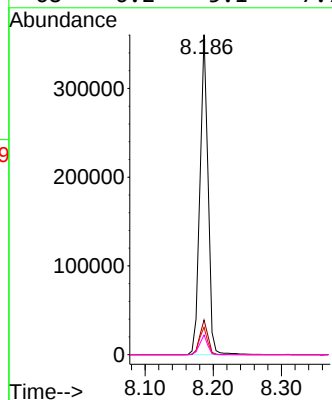
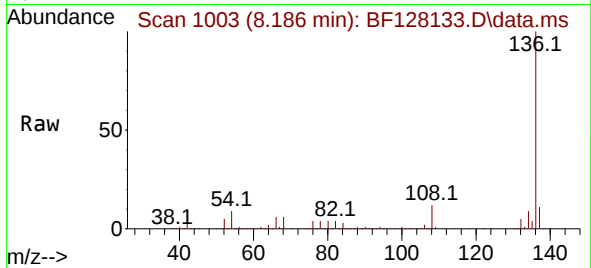




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

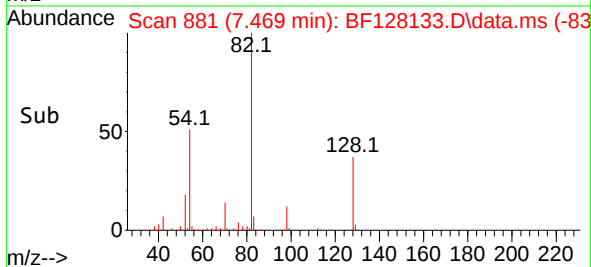
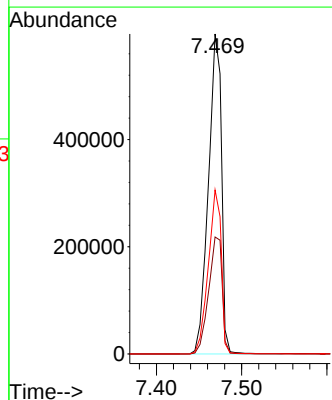
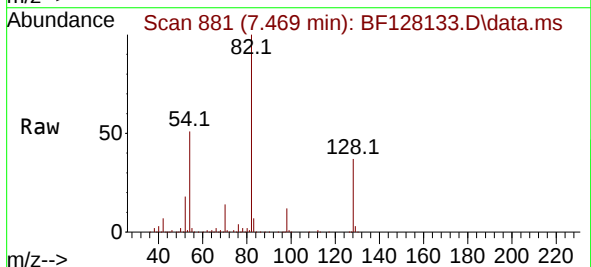
Instrument :
BNA_F
ClientSampleId :
N48967

Tgt Ion:136	Resp: 297893
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.6	6.8 10.2
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 100.725 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion: 82	Resp: 638084
Ion Ratio	Lower Upper
82 100	
128 36.5	30.0 45.0
54 51.3	41.3 61.9

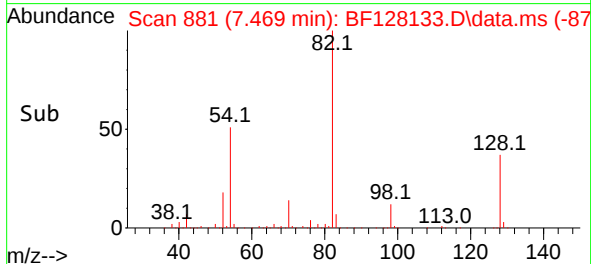
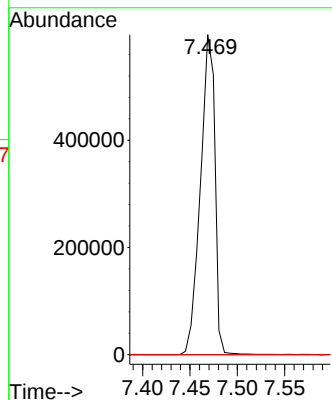
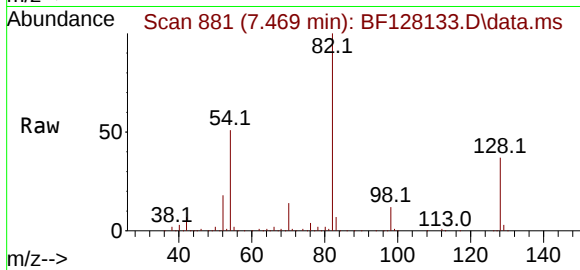




#25
Isophorone
Concen: 59.698 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

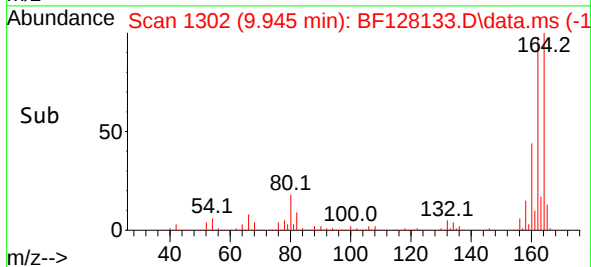
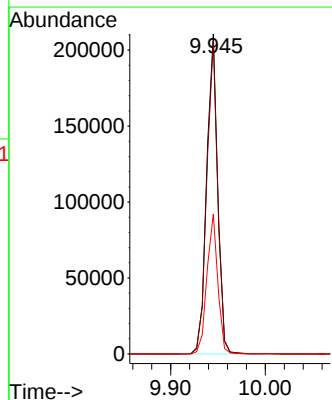
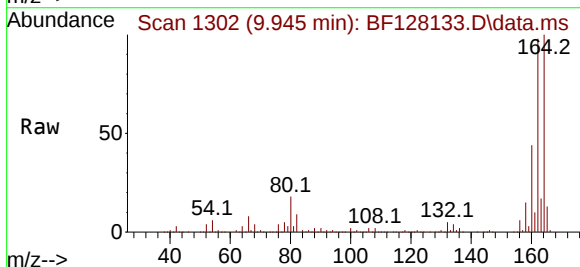
Instrument :
BNA_F
ClientSampleId :
N48967

Tgt Ion: 82 Resp: 636505
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

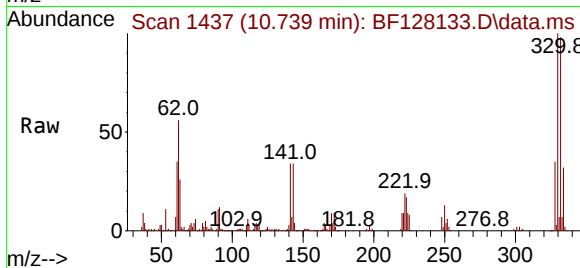
Tgt Ion:164 Resp: 170097
Ion Ratio Lower Upper
164 100
162 97.7 76.0 114.0
160 43.8 34.8 52.2



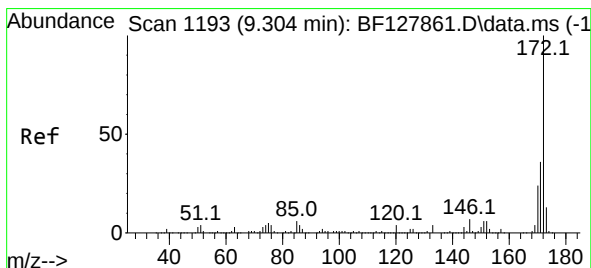
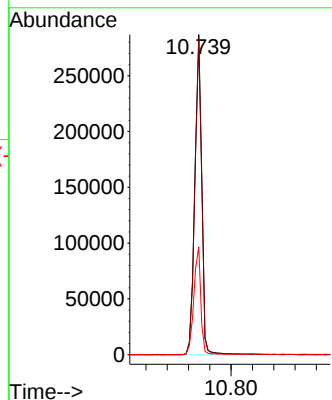
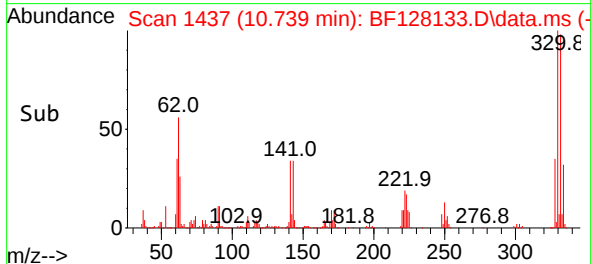


#42
2,4,6-Tribromophenol
Concen: 153.017 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Instrument :
BNA_F
ClientSampleId :
N48967

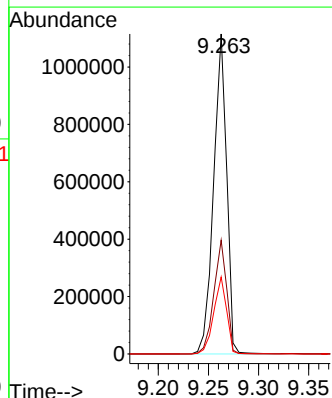
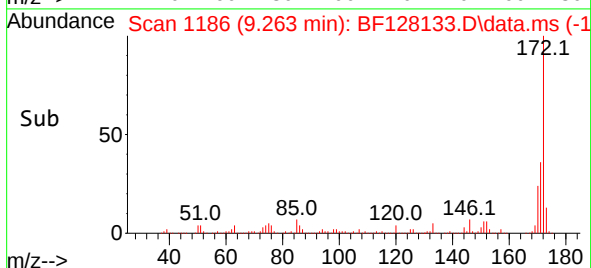
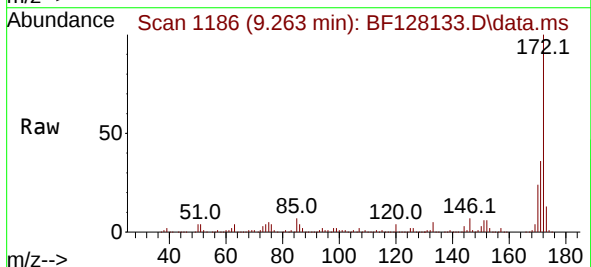


Tgt Ion:330 Resp: 262013
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.4
141 34.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 100.540 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion:172 Resp: 1010879
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.0 19.1 28.7

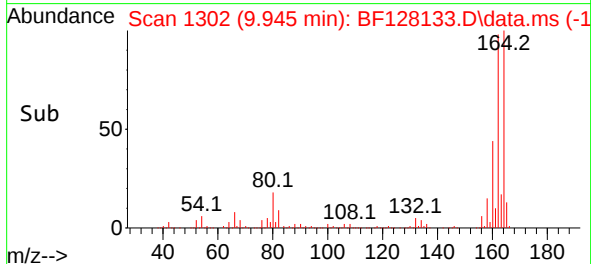
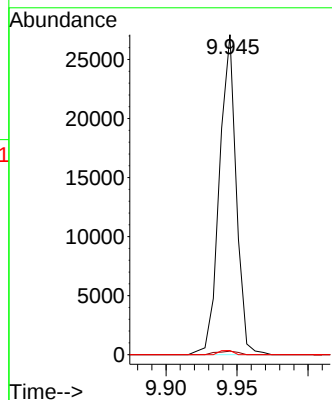
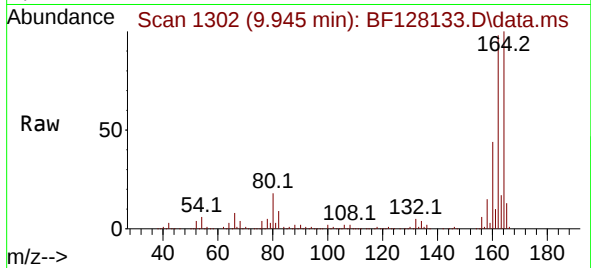




#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

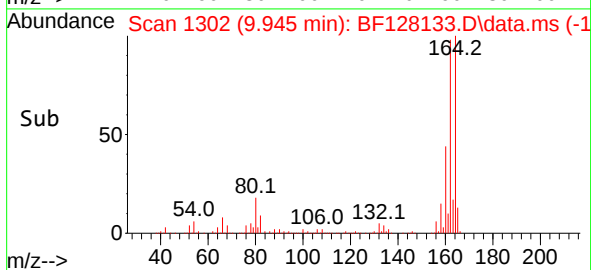
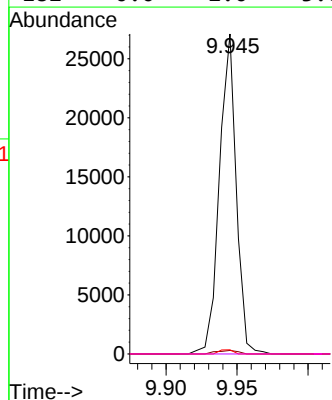
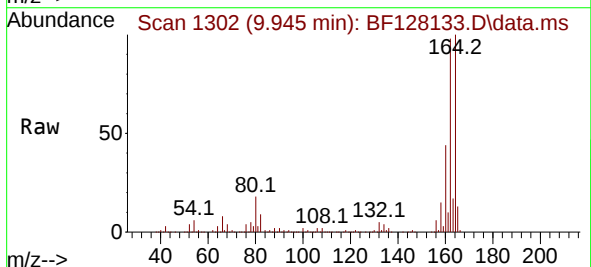
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Tgt Ion:165 Resp: 22272
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion:165 Resp: 22272
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

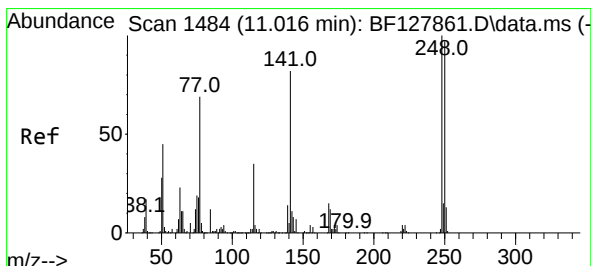
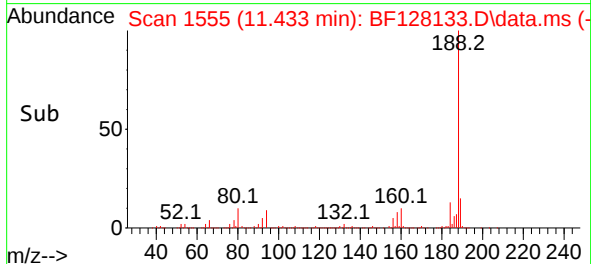
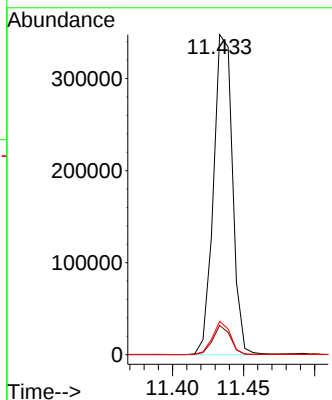
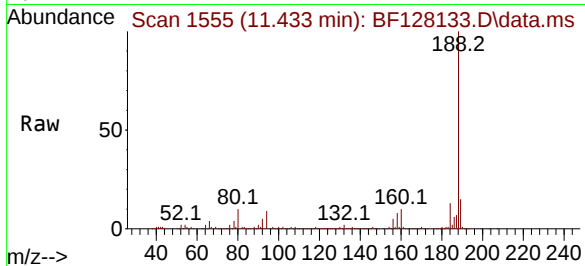




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

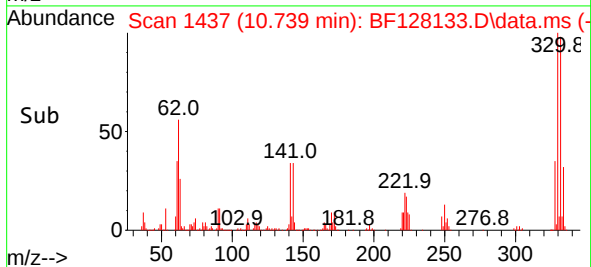
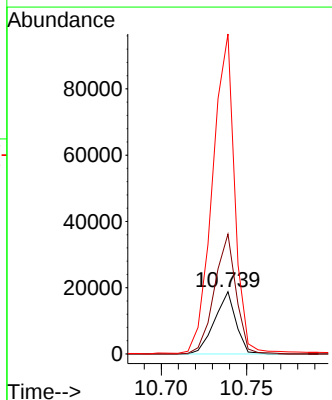
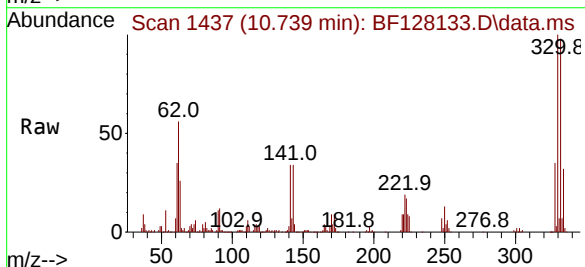
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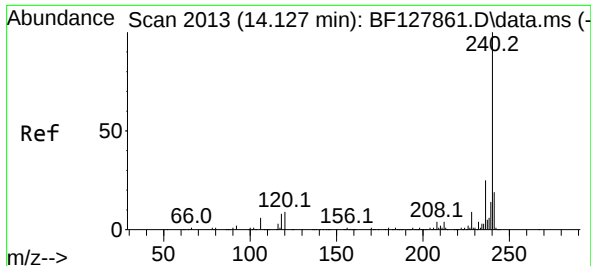
Tgt Ion:188 Resp: 323507
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.575 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

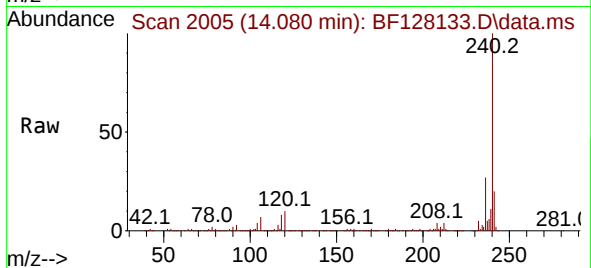
Tgt Ion:248 Resp: 16407
Ion Ratio Lower Upper
248 100
250 192.4 77.7 116.5#
141 513.5 65.6 98.4#



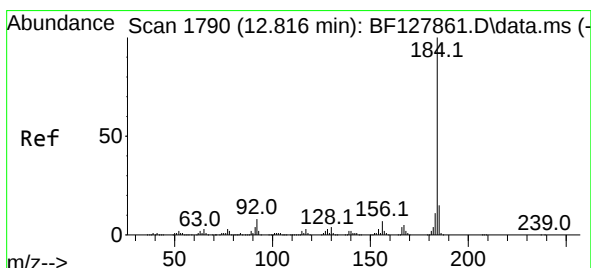
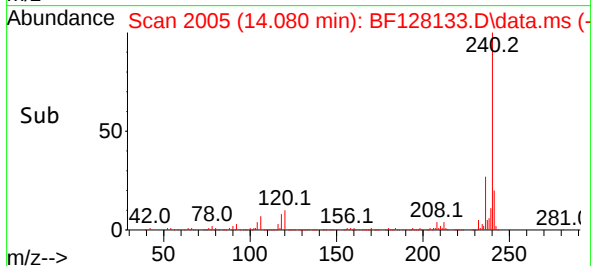
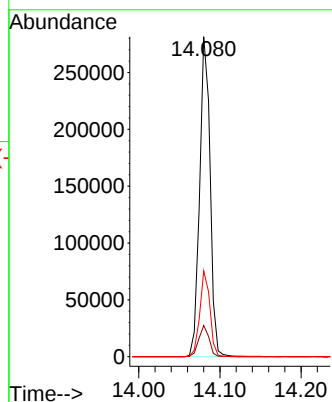


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Instrument :
BNA_F
ClientSampleId :
N48967

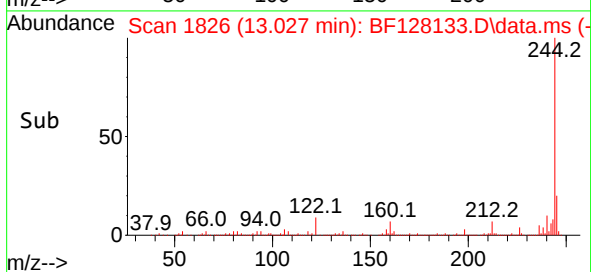
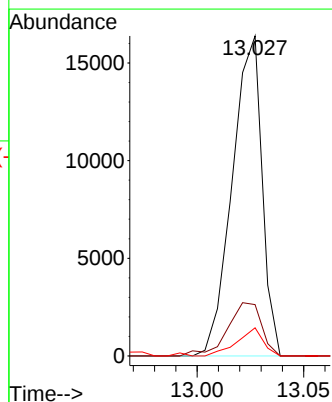
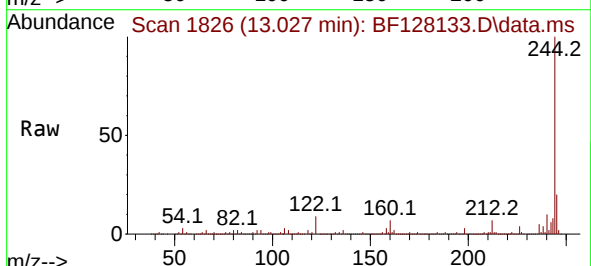


Tgt Ion:240 Resp: 253395
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.8 20.3 30.5



#77
Benzidine
Concen: 3.321 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128133.D
Acq: 06 May 2022 19:27

Tgt Ion:184 Resp: 15921
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 8.8 9.0 13.4

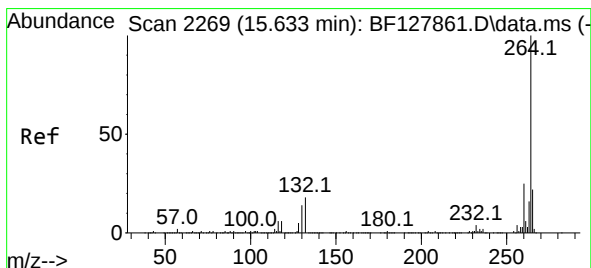
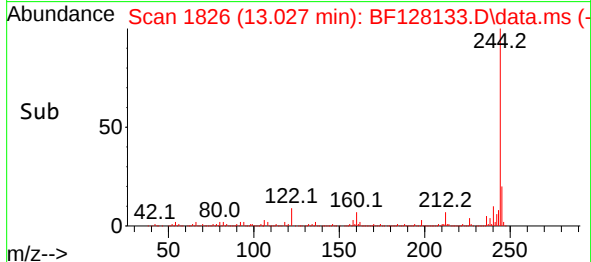
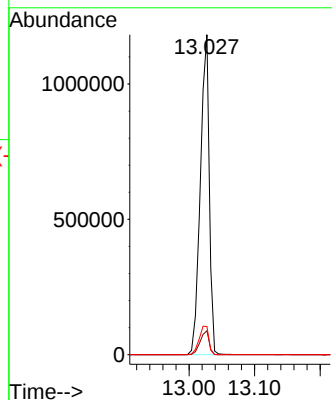
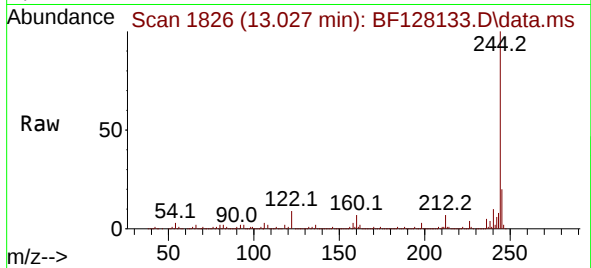




#79
 Terphenyl-d14
 Concen: 80.766 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128133.D
 Acq: 06 May 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 N48967

Tgt Ion:244 Resp: 1119224
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128133.D
 Acq: 06 May 2022 19:27

Tgt Ion:264 Resp: 190221
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 20.7 17.5 26.3

