

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133049.D
 Acq On : 26 Apr 2023 02:35
 Operator : CG\JU
 Sample : 02484-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRCA-1

Quant Time: Apr 26 03:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

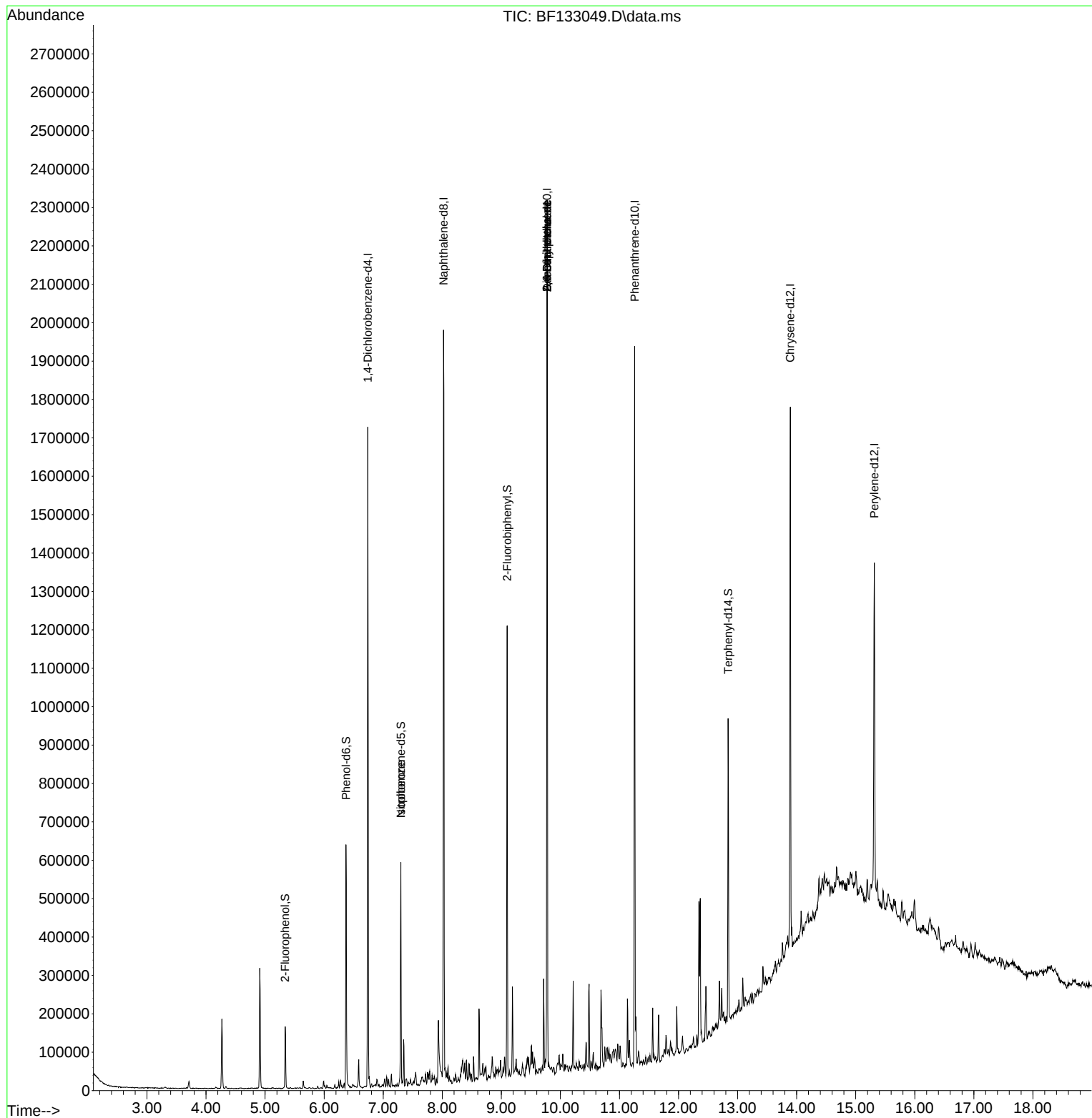
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	215982	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	805826	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	400742	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	607282	20.000	ng	0.00
76) Chrysene-d12	13.892	240	431488	20.000	ng	0.00
86) Perylene-d12	15.315	264	360160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	43238	3.024	ng	-0.01
7) Phenol-d6	6.369	99	199615	11.248	ng	-0.02
23) Nitrobenzene-d5	7.298	82	146924	9.841	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	2105	0.522	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	303216	12.659	ng	-0.01
79) Terphenyl-d14	12.839	244	254299	10.164	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	633	Below Cal	#	76
25) Isophorone	7.298	82	144793	5.108	ng	# 63
50) Dimethylphthalate	9.775	163	80351	2.876	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	53856	8.563	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	53856	6.715	ng	# 24

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

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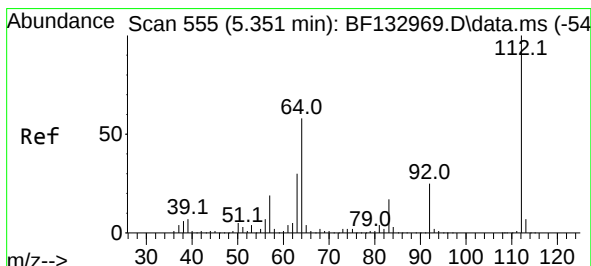
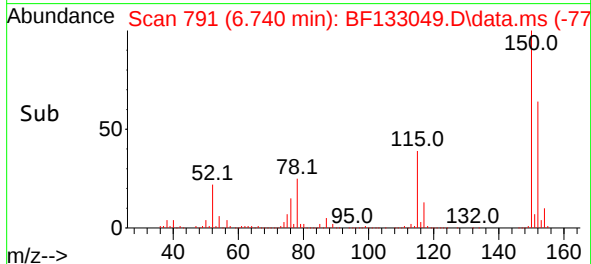
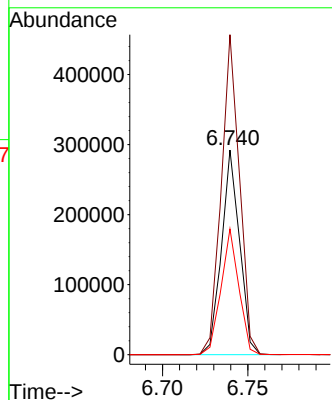
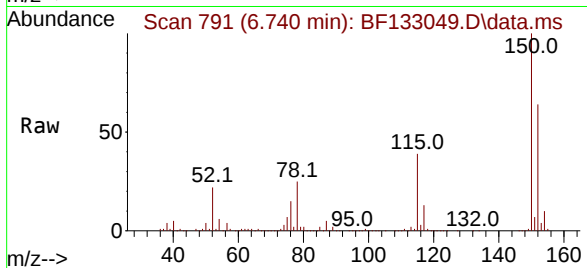




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

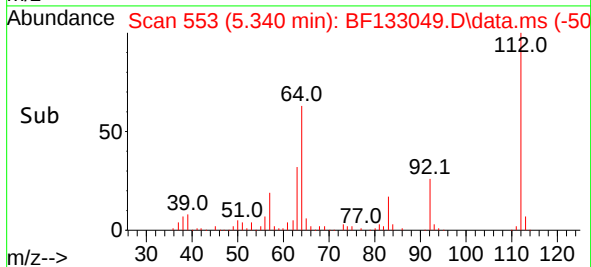
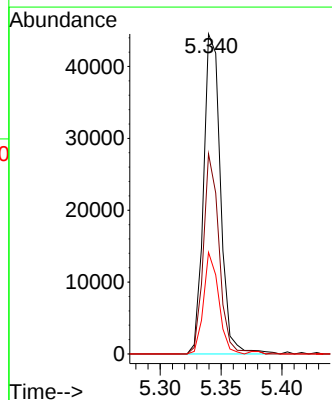
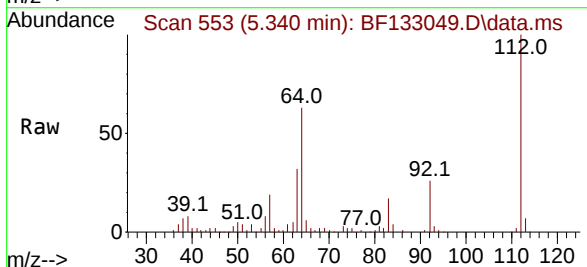
Instrument :
BNA_F
ClientSampleId :
CRCA-1

Tgt Ion:152 Resp: 215982
Ion Ratio Lower Upper
152 100
150 156.4 124.8 187.2
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 3.024 ng
RT: 5.340 min Scan# 553
Delta R.T. -0.012 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

Tgt Ion:112 Resp: 43238
Ion Ratio Lower Upper
112 100
64 62.5 46.8 70.2
63 31.7 23.8 35.8

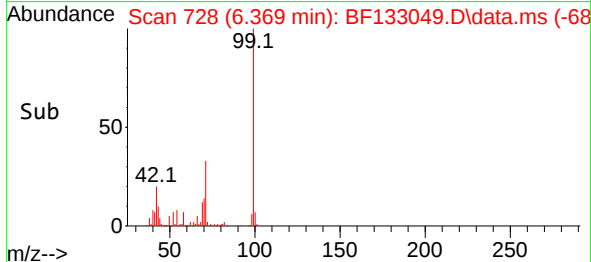
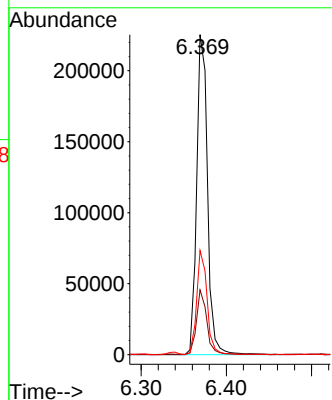
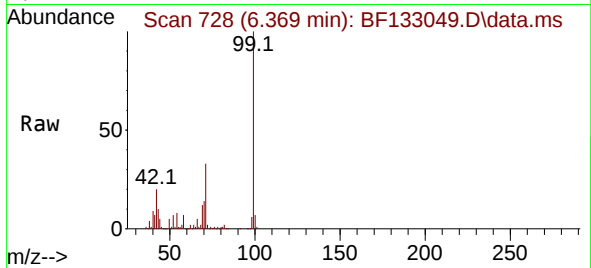




#7
Phenol-d6
Concen: 11.248 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

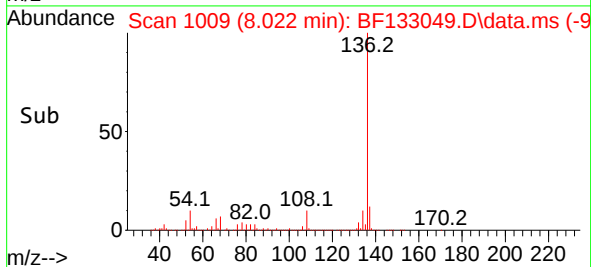
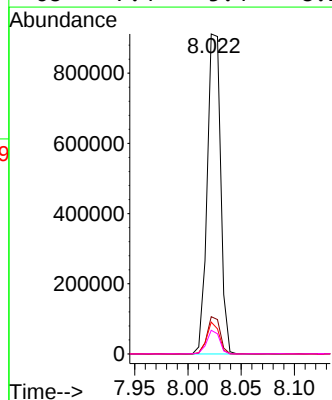
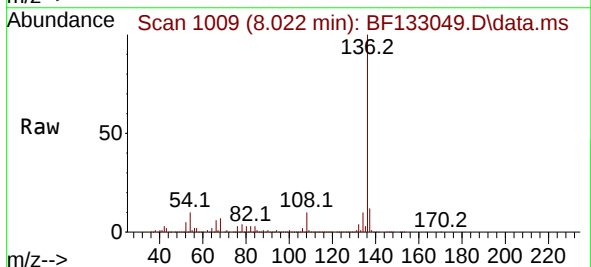
Instrument :
BNA_F
ClientSampleId :
CRCA-1

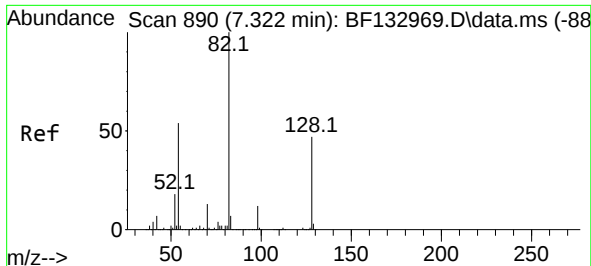
Tgt Ion: 99 Resp: 199615
Ion Ratio Lower Upper
99 100
42 20.2 16.3 24.5
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

Tgt Ion: 136 Resp: 805826
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 10.0 7.0 10.4
68 7.4 5.4 8.2

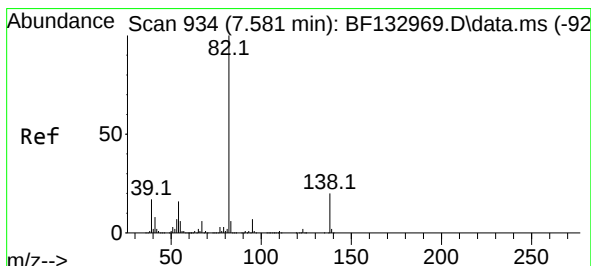
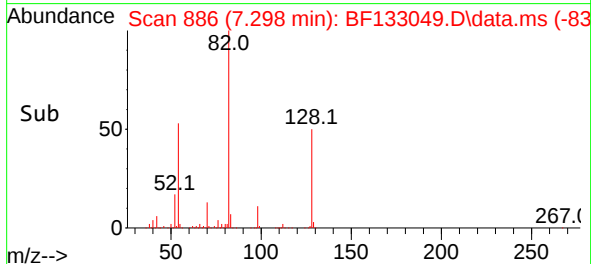
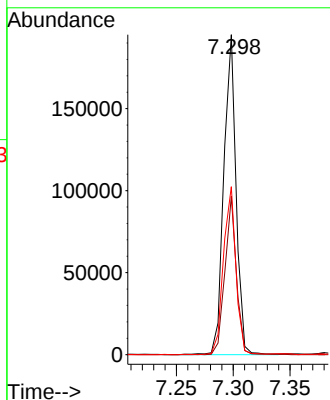
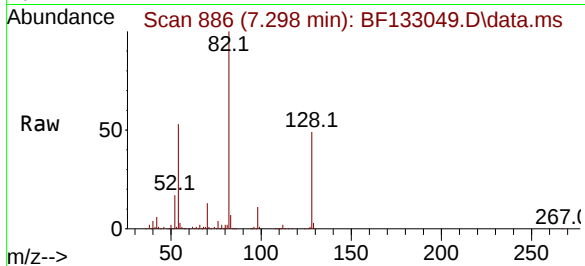




#23
Nitrobenzene-d5
Concen: 9.841 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

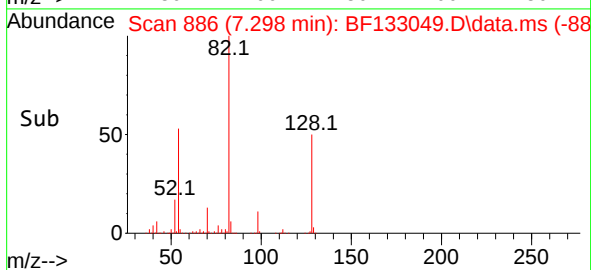
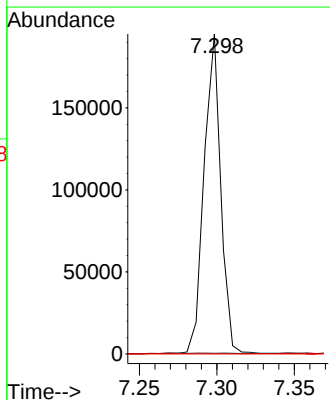
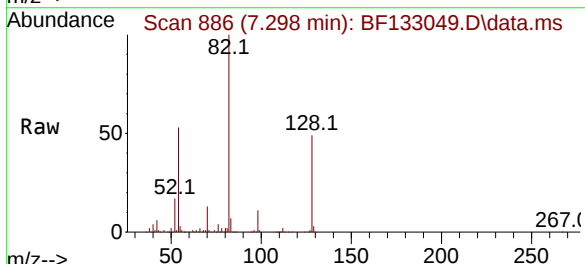
Instrument :
BNA_F
ClientSampleId :
CRCA-1

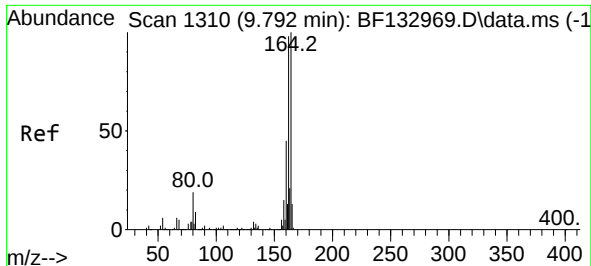
Tgt Ion: 82 Resp: 146924
Ion Ratio Lower Upper
82 100
128 49.5 37.7 56.5
54 52.5 43.0 64.4



#25
Isophorone
Concen: 5.108 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.270 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

Tgt Ion: 82 Resp: 144793
Ion Ratio Lower Upper
82 100
95 0.2 5.4 8.0#
138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133049.D

Acq: 26 Apr 2023 02:35

Instrument :

BNA_F

ClientSampleId :

CRCA-1

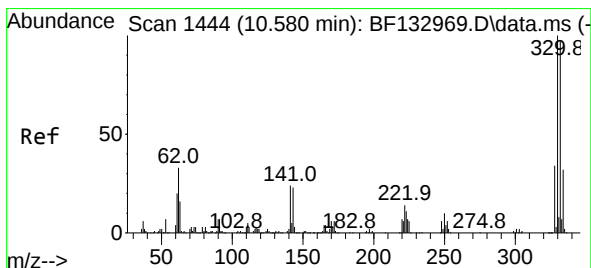
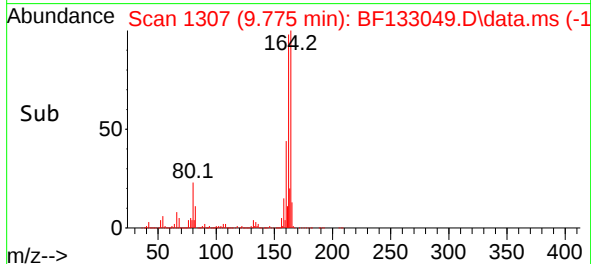
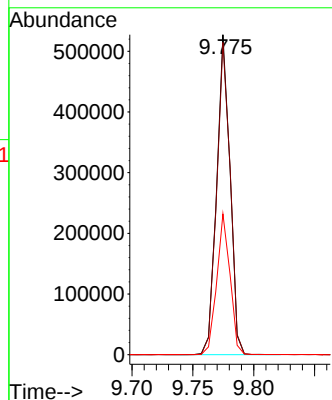
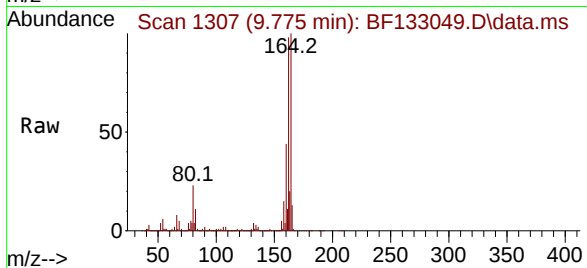
Tgt Ion:164 Resp: 400742

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 44.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 0.522 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF133049.D

Acq: 26 Apr 2023 02:35

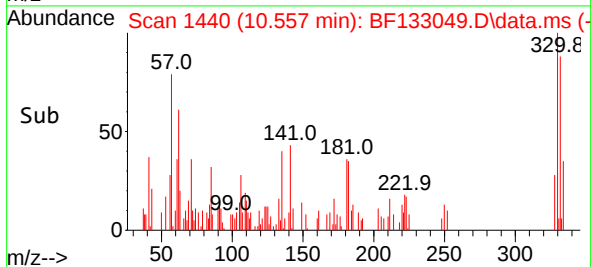
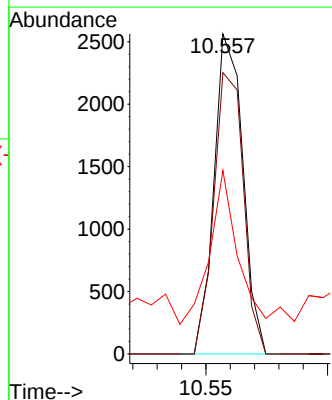
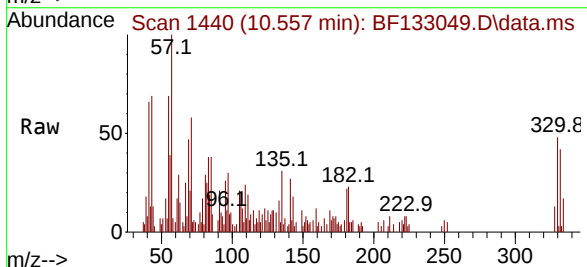
Tgt Ion:330 Resp: 2105

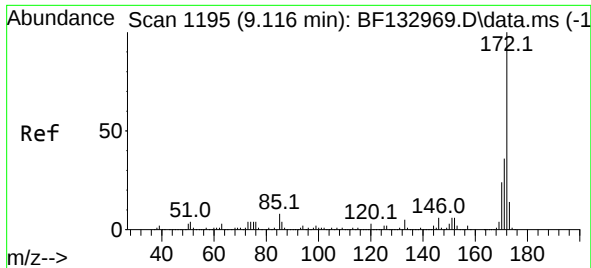
Ion Ratio Lower Upper

330 100

332 90.7 77.1 115.7

141 48.0 25.8 38.8#

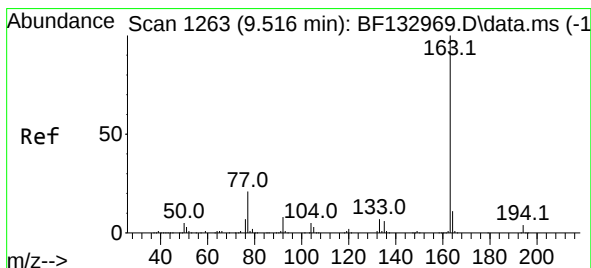
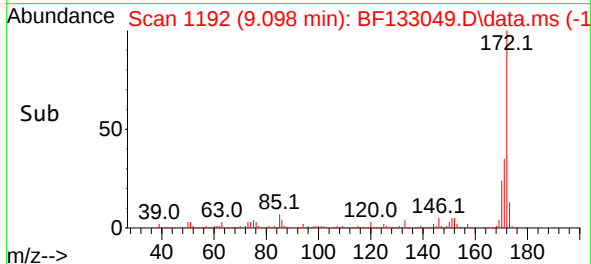
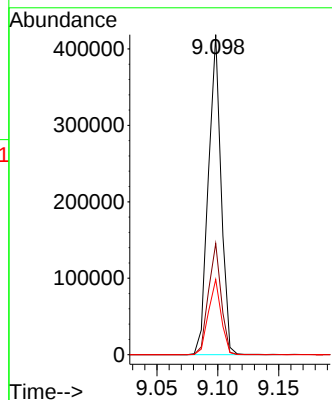
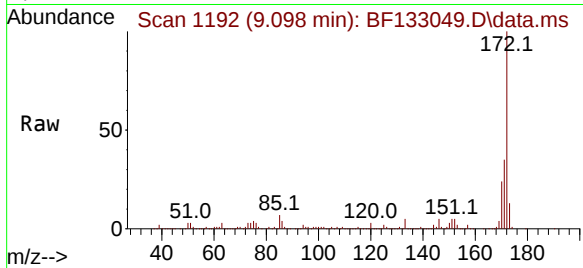




#45
2-Fluorobiphenyl
Concen: 12.659 ng
RT: 9.098 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

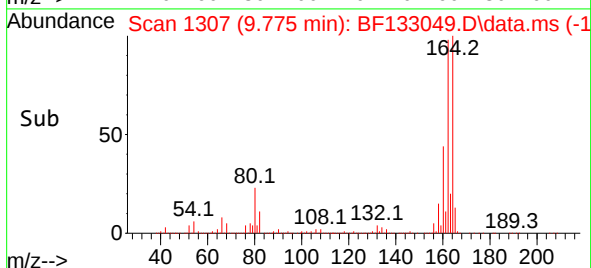
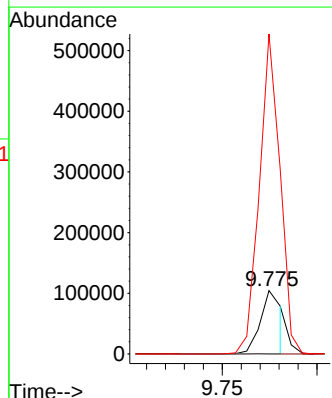
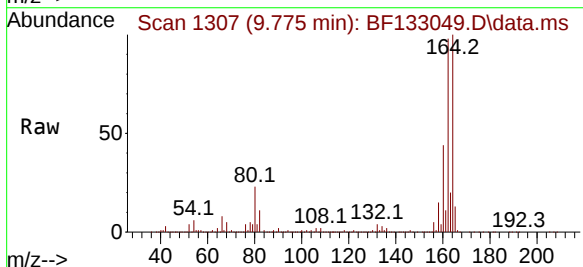
Instrument :
BNA_F
ClientSampleId :
CRCA-1

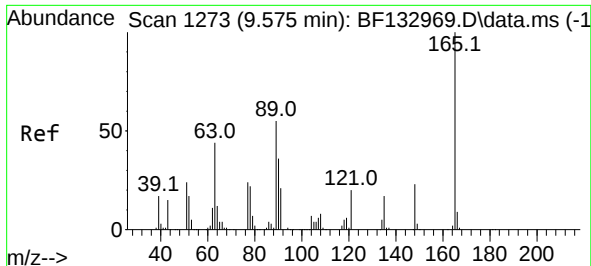
Tgt Ion:172 Resp: 303216
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.5 19.4 29.2



#50
Dimethylphthalate
Concen: 2.876 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.265 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

Tgt Ion:163 Resp: 80351
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 504.5 8.5 12.7#

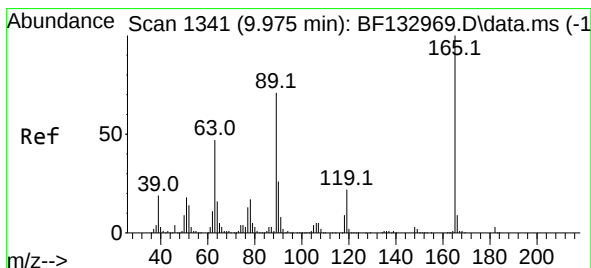
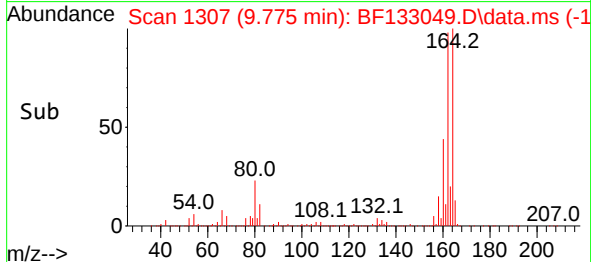
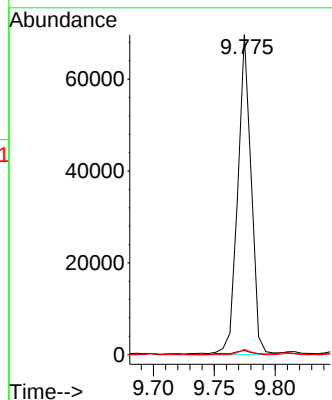
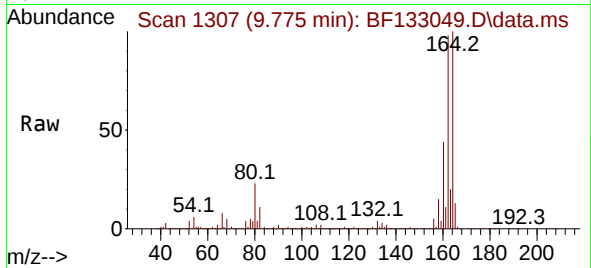




#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

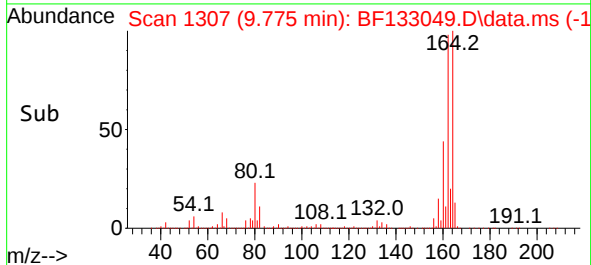
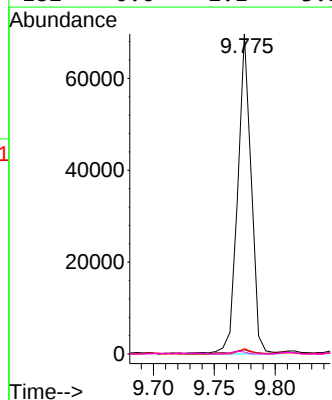
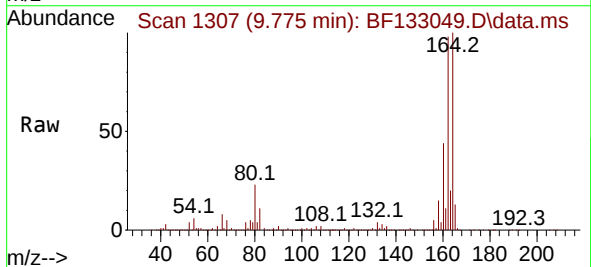
Instrument :
BNA_F
ClientSampleId :
CRCA-1

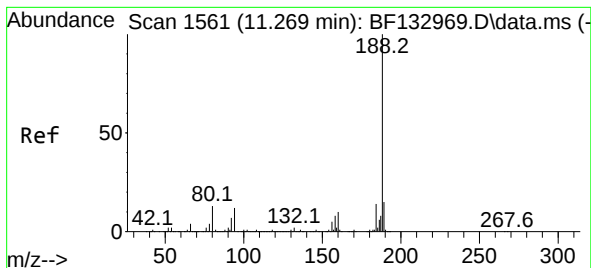
Tgt Ion:165 Resp: 53856
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.6 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF133049.D
Acq: 26 Apr 2023 02:35

Tgt Ion:165 Resp: 53856
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.6 57.0 85.4#
182 0.6 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133049.D

Acq: 26 Apr 2023 02:35

Instrument :

BNA_F

ClientSampleId :

CRCA-1

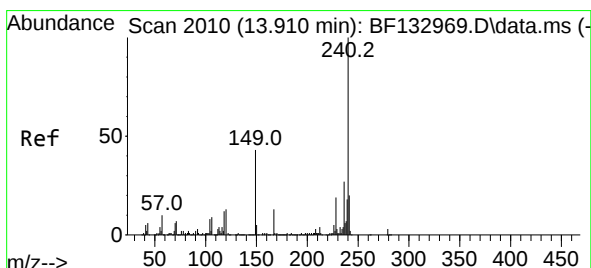
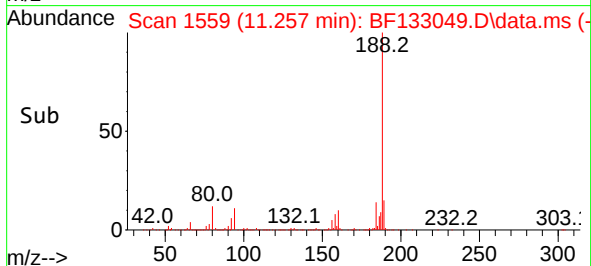
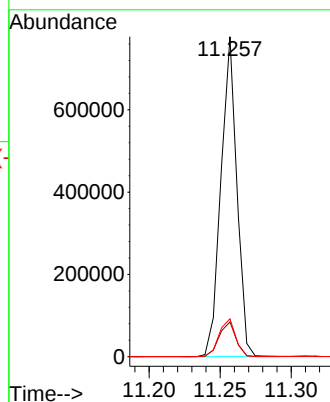
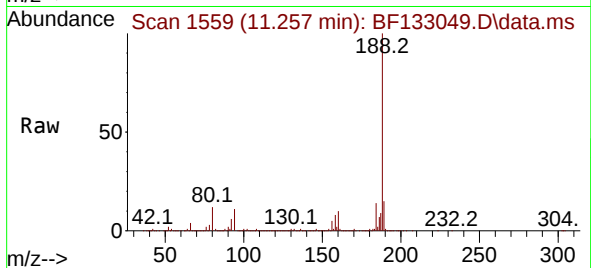
Tgt Ion:188 Resp: 607282

Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.8 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF133049.D

Acq: 26 Apr 2023 02:35

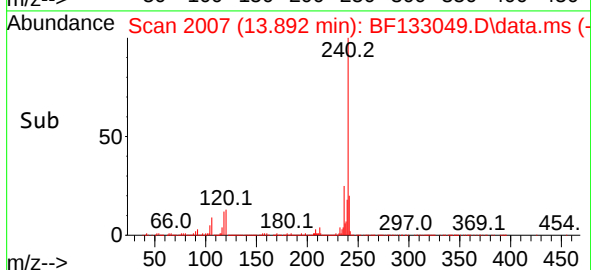
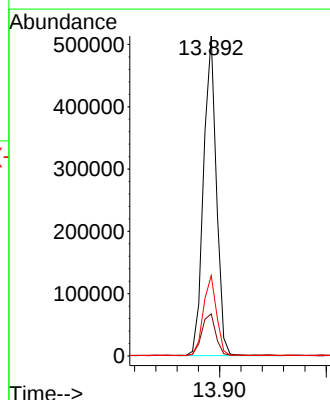
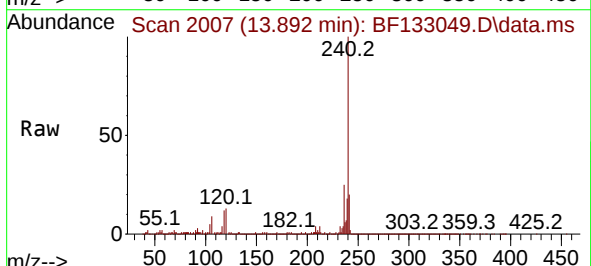
Tgt Ion:240 Resp: 431488

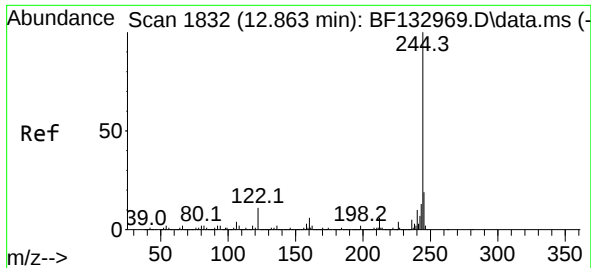
Ion Ratio Lower Upper

240 100

120 13.2 10.5 15.7

236 25.1 21.5 32.3

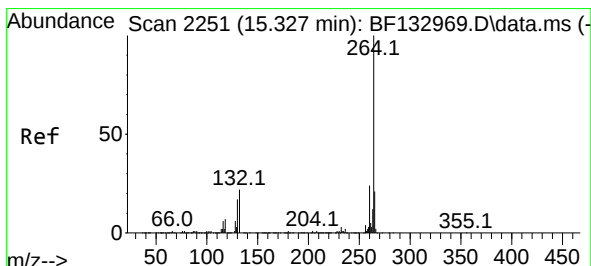
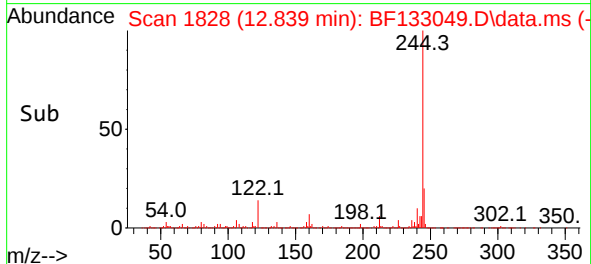
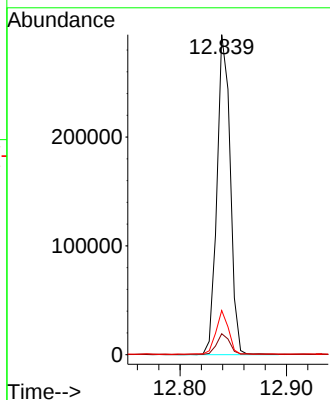
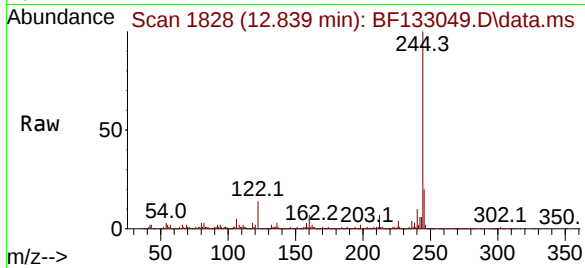




#79
 Terphenyl-d14
 Concen: 10.164 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.012 min
 Lab File: BF133049.D
 Acq: 26 Apr 2023 02:35

Instrument :
 BNA_F
 ClientSampleId :
 CRCA-1

Tgt Ion:244 Resp: 254299
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.8 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: BF133049.D
 Acq: 26 Apr 2023 02:35

Tgt Ion:264 Resp: 360160
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.2 17.0 25.4

