

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133273.D
 Acq On : 05 May 2023 20:19
 Operator : CG\JU
 Sample : 02618-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN002

Quant Time: May 06 05:51:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	183962	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	734665	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	383217	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	713045	20.000	ng	0.00
76) Chrysene-d12	13.874	240	522836	20.000	ng	0.00
86) Perylene-d12	15.292	264	435711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	883650	72.561	ng	0.00
7) Phenol-d6	6.363	99	704016	46.576	ng	0.00
23) Nitrobenzene-d5	7.292	82	1160579	85.269	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	491900	127.634	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1944423	84.887	ng	0.00
79) Terphenyl-d14	12.833	244	2252400	74.299	ng	0.00

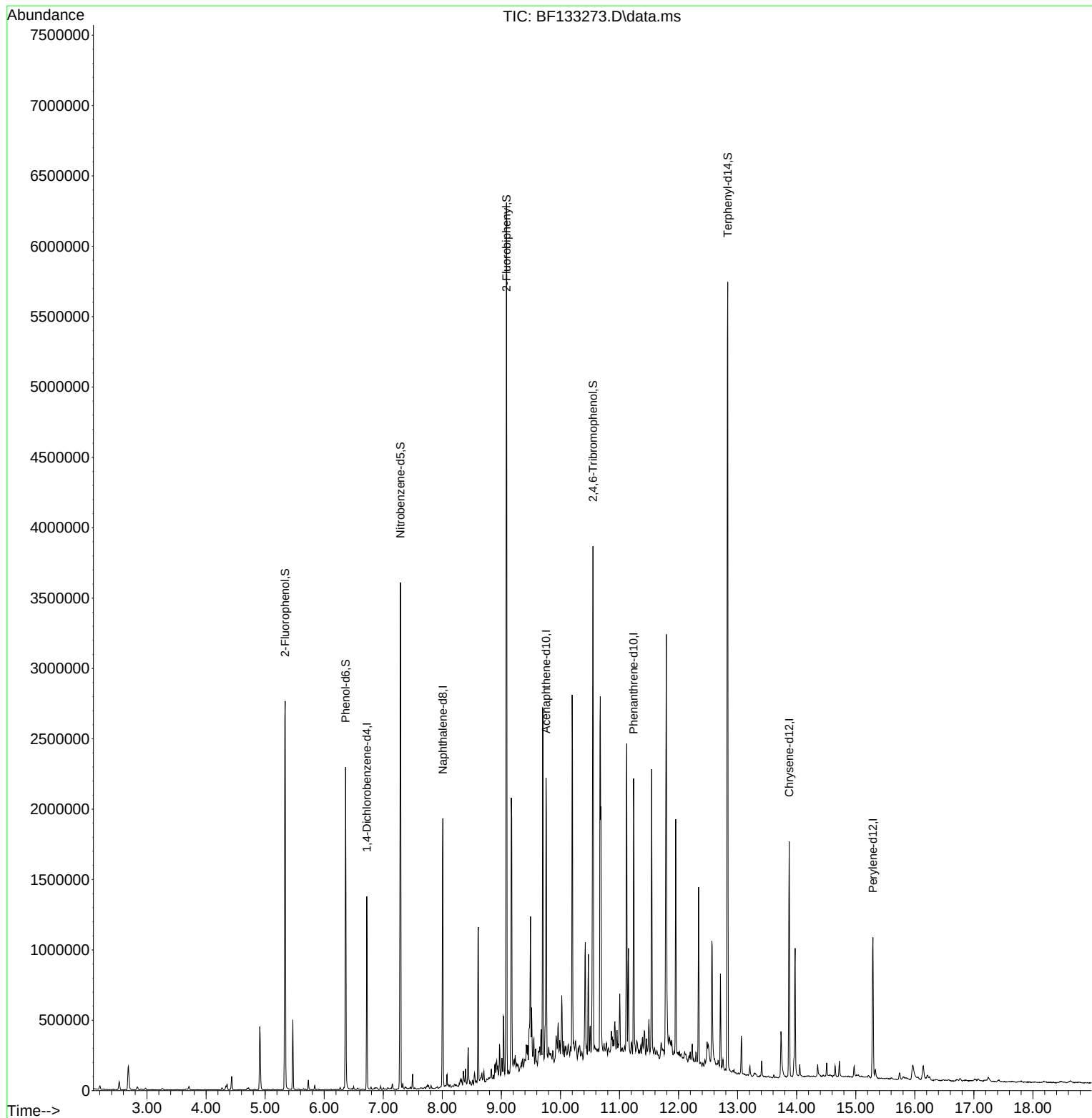
Target Compounds	Qvalue

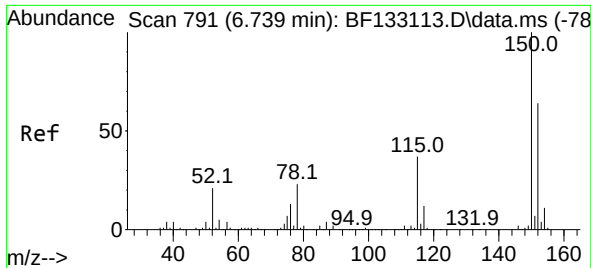
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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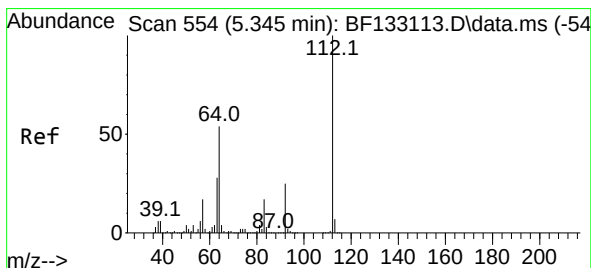
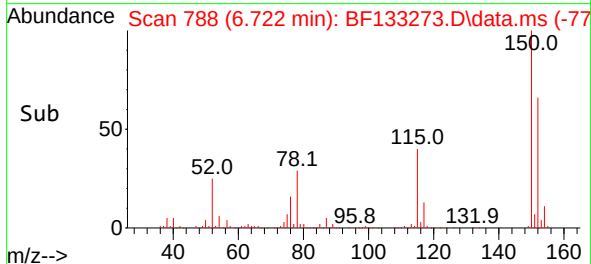
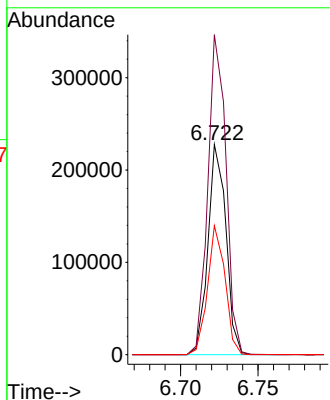
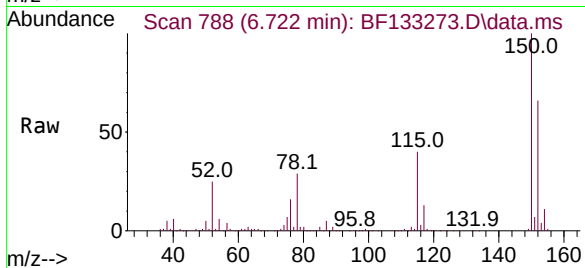




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133273.D
 Acq: 05 May 2023 20:19

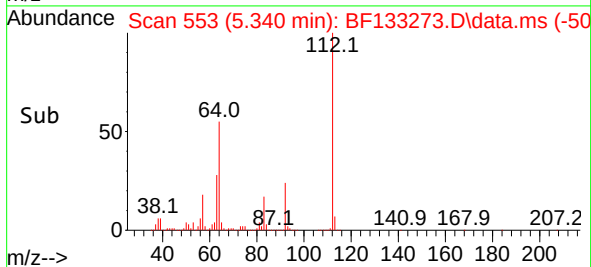
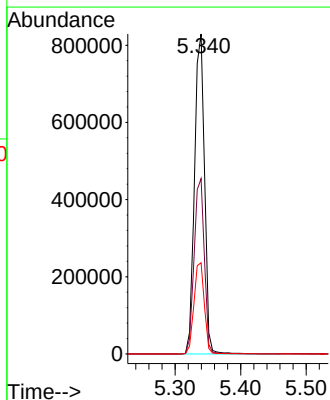
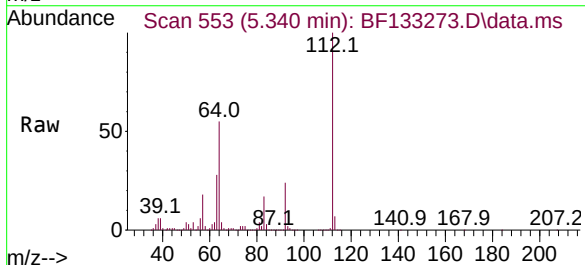
Instrument :
 BNA_F
 ClientSampleId :
 DSN002

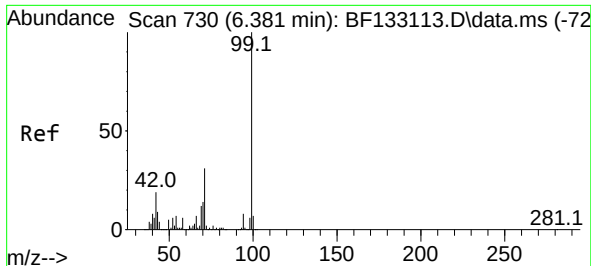
Tgt Ion:152 Resp: 183962
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.8 187.2
 115 61.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 72.561 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133273.D
 Acq: 05 May 2023 20:19

Tgt Ion:112 Resp: 883650
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.8 70.2
 63 28.5 23.8 35.8

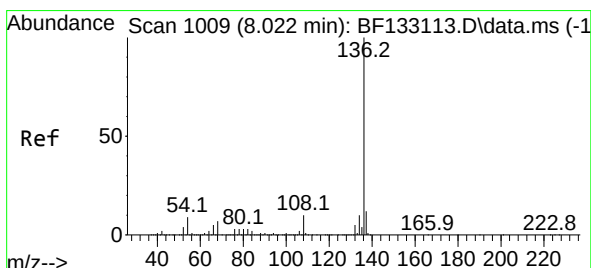
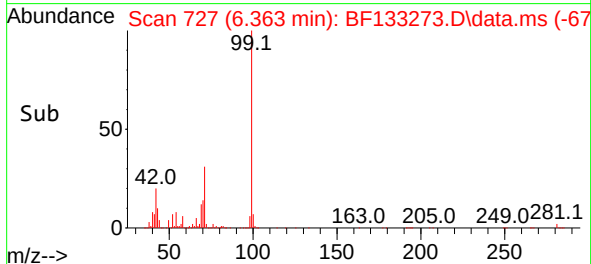
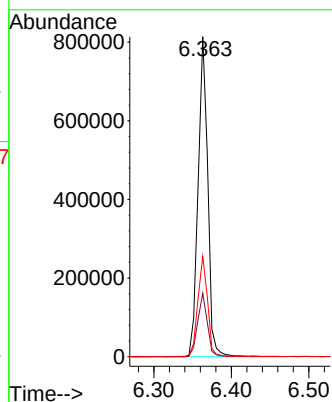
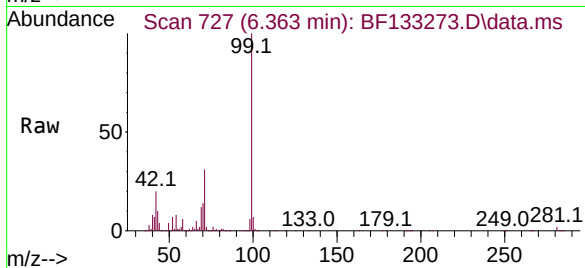




#7
Phenol-d6
Concen: 46.576 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

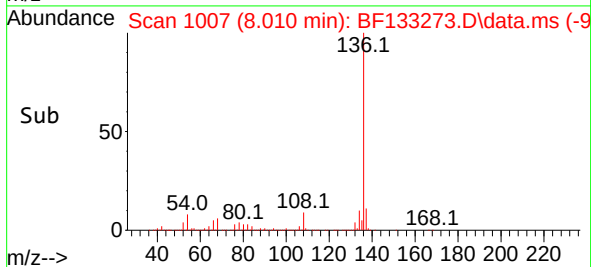
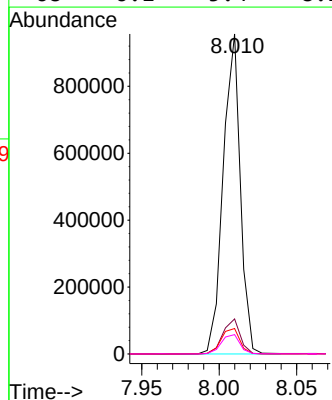
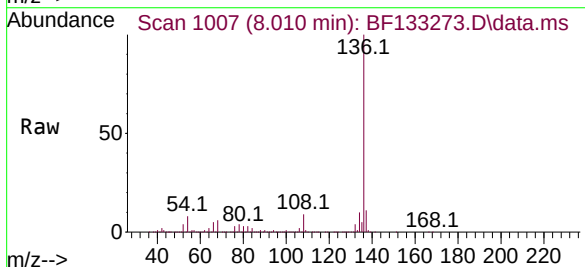
Instrument :
BNA_F
ClientSampleId :
DSN002

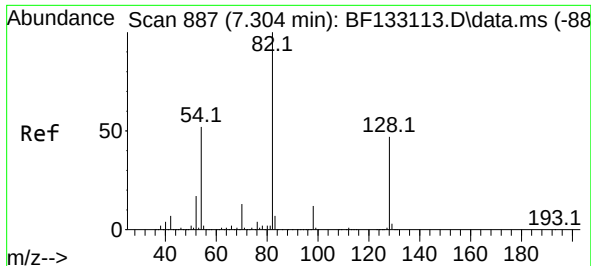
Tgt Ion: 99 Resp: 704016
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

Tgt Ion: 136 Resp: 734665
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 7.0 10.4
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 85.269 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133273.D

Acq: 05 May 2023 20:19

Instrument :

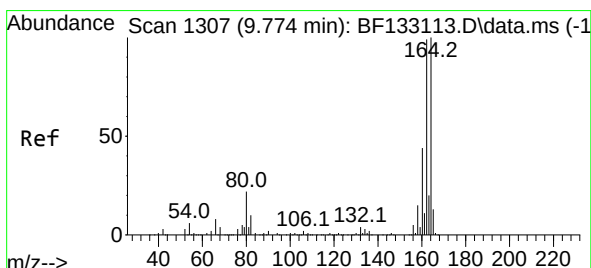
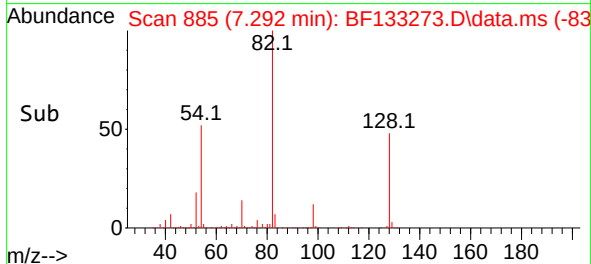
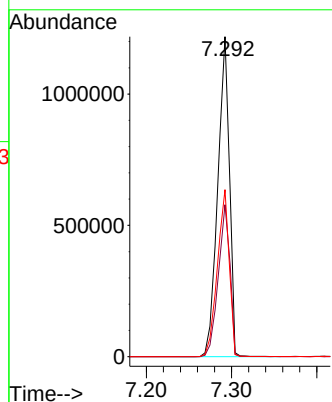
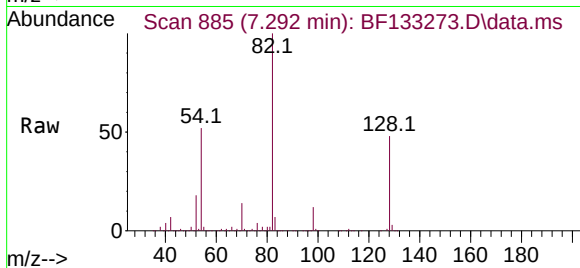
BNA_F

ClientSampleId :

DSN002

Tgt Ion: 82 Resp: 1160579

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	52.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

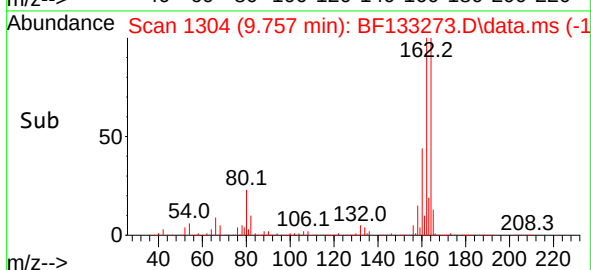
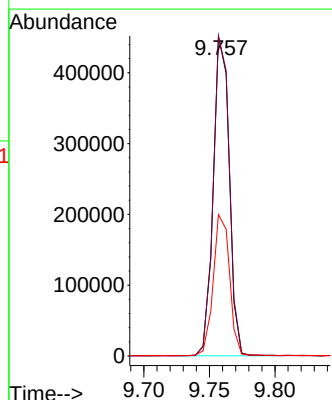
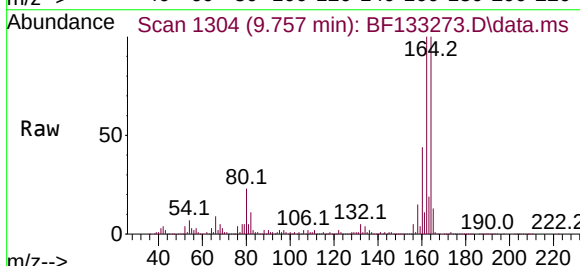
Delta R.T. -0.006 min

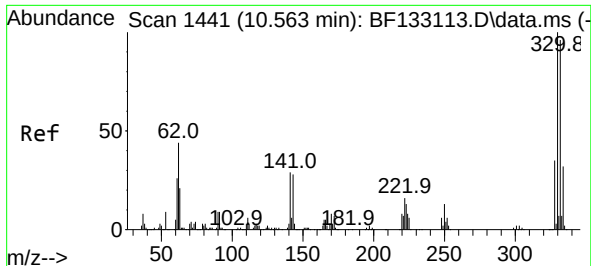
Lab File: BF133273.D

Acq: 05 May 2023 20:19

Tgt Ion: 164 Resp: 383217

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	44.2	35.8	53.6

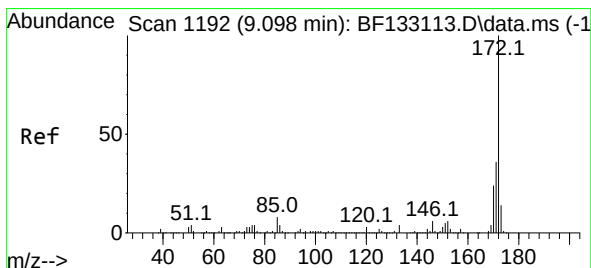
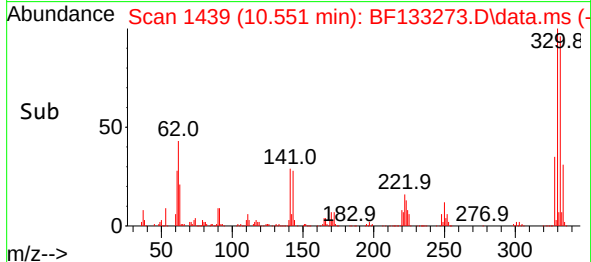
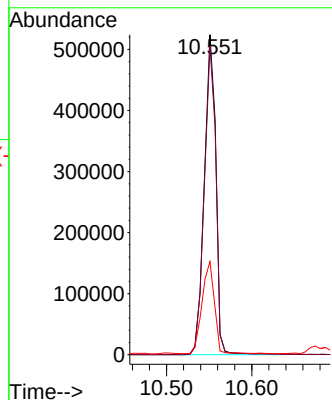
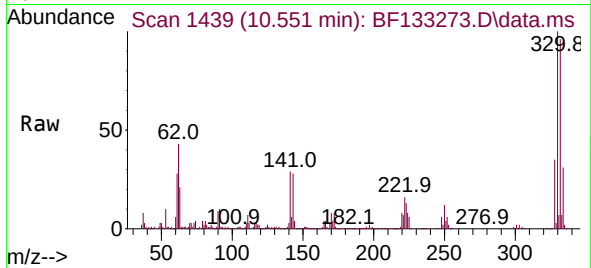




#42
2,4,6-Tribromophenol
Concen: 127.634 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

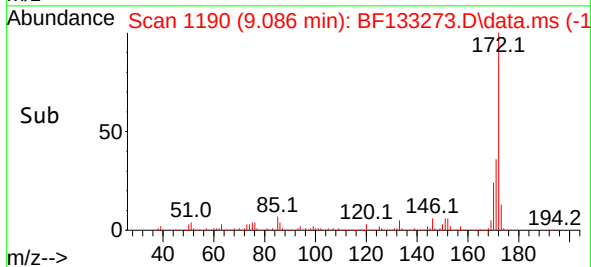
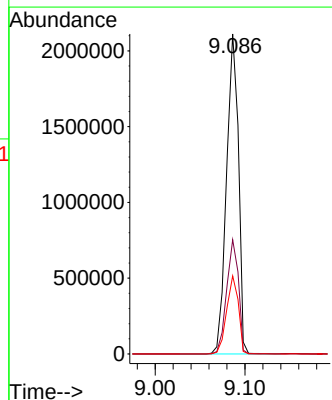
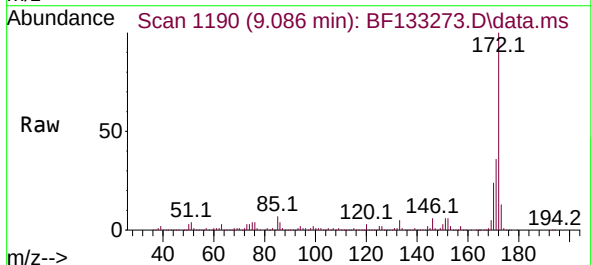
Instrument :
BNA_F
ClientSampleId :
DSN002

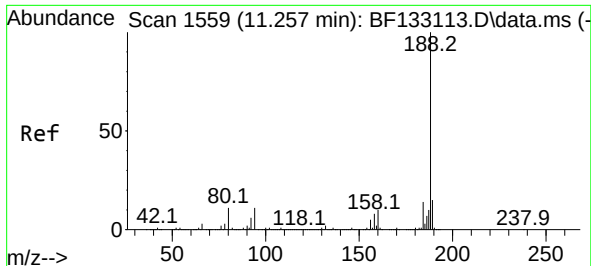
Tgt Ion:330 Resp: 491900
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 84.887 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

Tgt Ion:172 Resp: 1944423
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.4 29.2

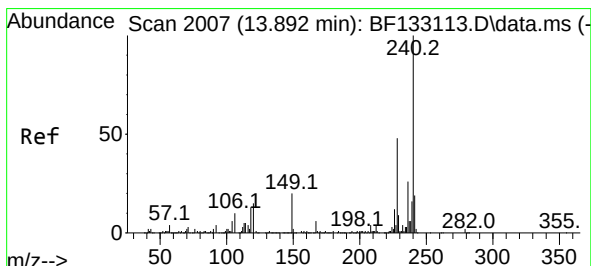
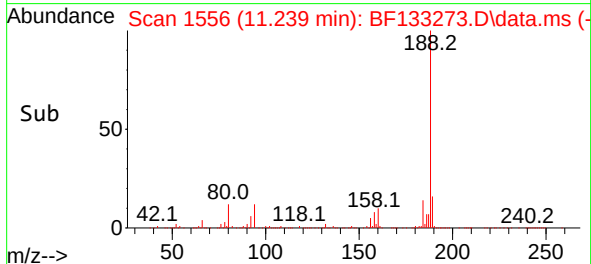
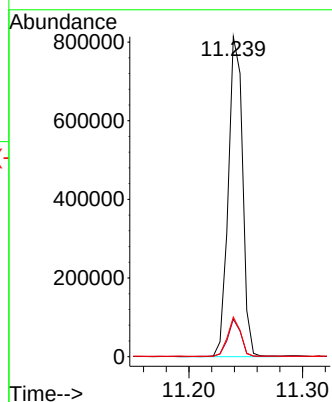
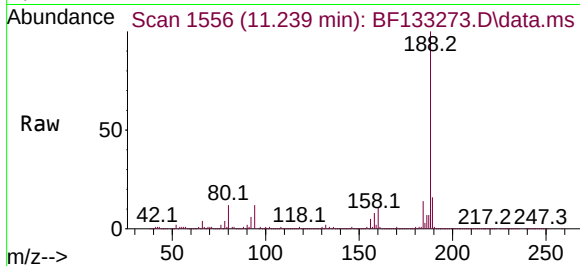




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

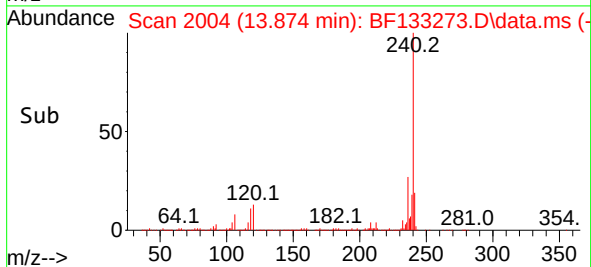
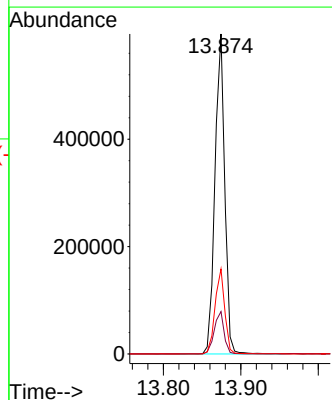
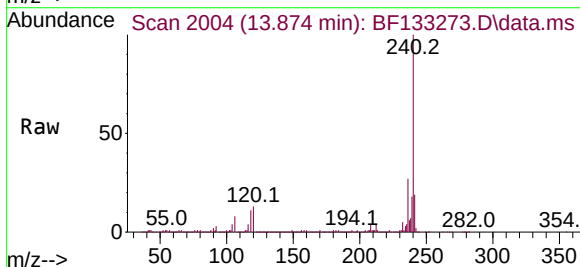
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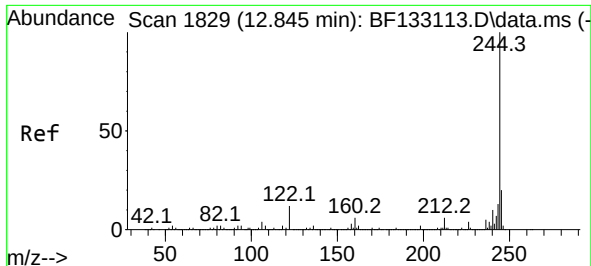
Tgt Ion:188 Resp: 713045
Ion Ratio Lower Upper
188 100
94 11.7 9.7 14.5
80 12.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133273.D
Acq: 05 May 2023 20:19

Tgt Ion:240 Resp: 522836
Ion Ratio Lower Upper
240 100
120 13.3 10.5 15.7
236 26.6 21.5 32.3

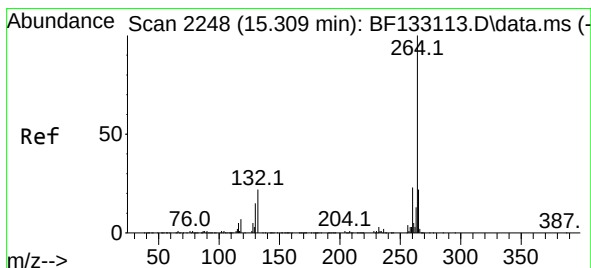
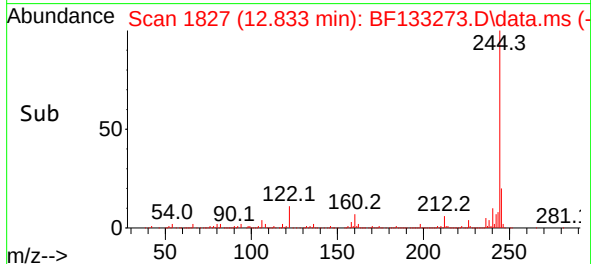
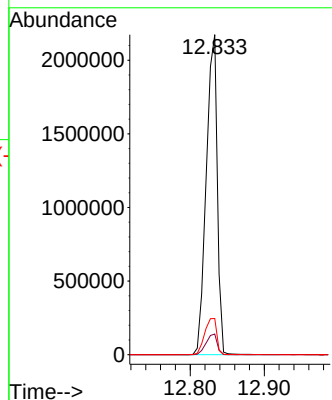
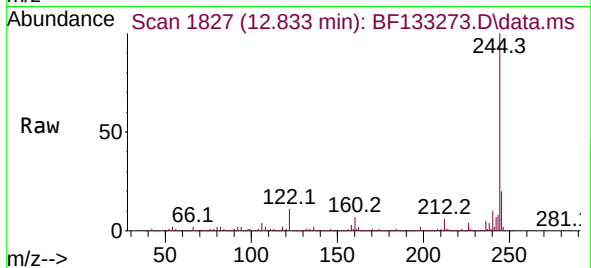




#79
 Terphenyl-d14
 Concen: 74.299 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133273.D
 Acq: 05 May 2023 20:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2252400
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: BF133273.D
 Acq: 05 May 2023 20:19

Tgt Ion:264 Resp: 435711
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.8 28.2
 265 22.2 17.0 25.4

