

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133271.D
 Acq On : 05 May 2023 19:17
 Operator : CG\JU
 Sample : 02618-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Quant Time: May 06 05:50:57 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	183955	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	741186	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	382123	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	705987	20.000	ng	0.00
76) Chrysene-d12	13.874	240	534319	20.000	ng	0.00
86) Perylene-d12	15.292	264	468638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	772952	63.474	ng	0.02
7) Phenol-d6	6.363	99	565082	37.386	ng	0.00
23) Nitrobenzene-d5	7.292	82	1241800	90.434	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	513484	133.616	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2035688	89.126	ng	0.00
79) Terphenyl-d14	12.833	244	2229767	71.972	ng	0.00

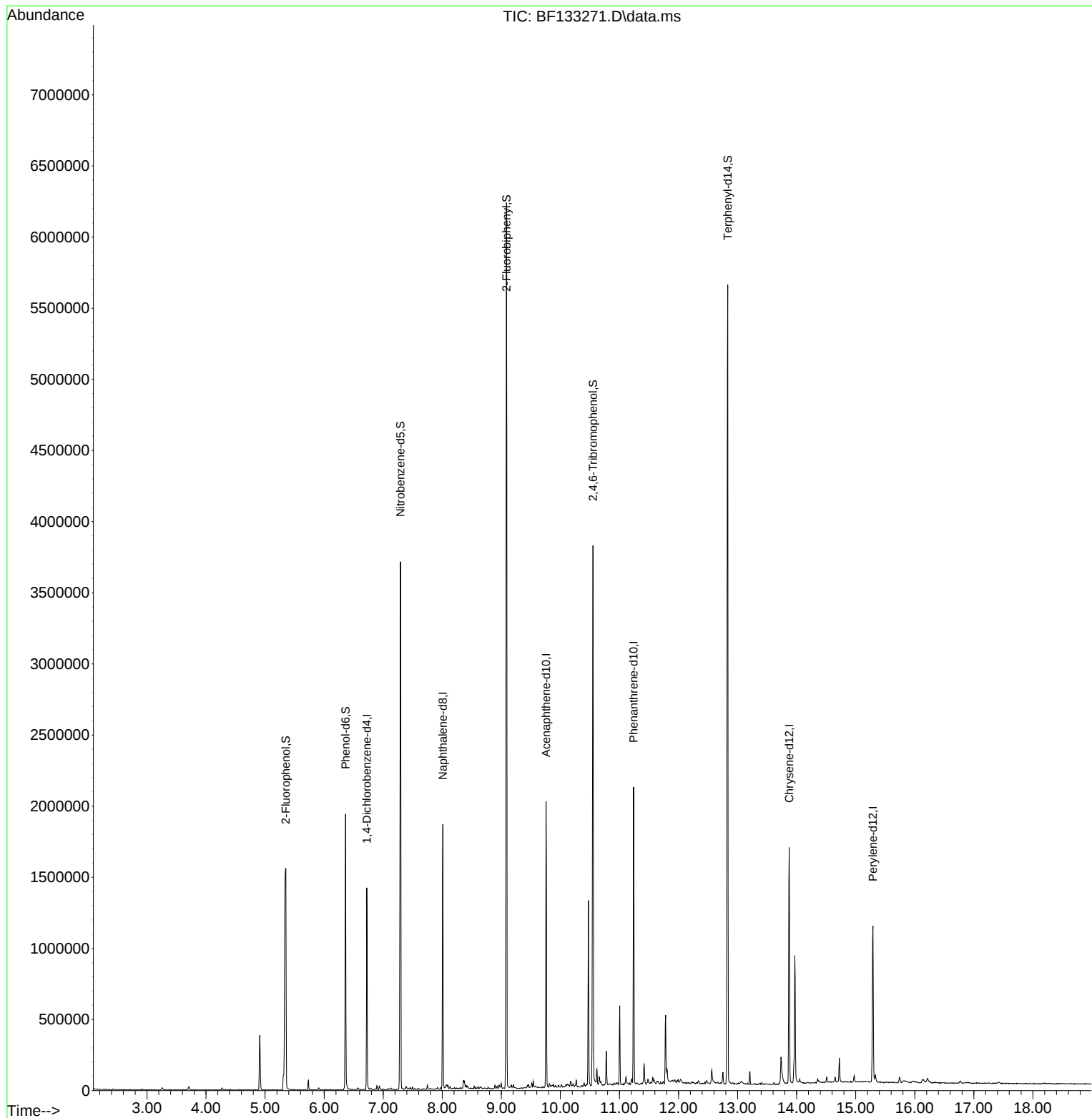
Target Compounds	Qvalue

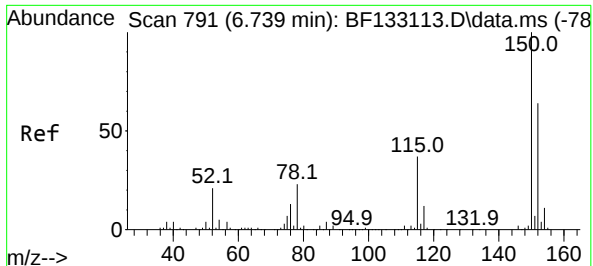
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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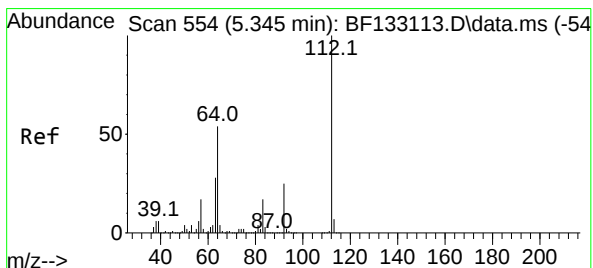
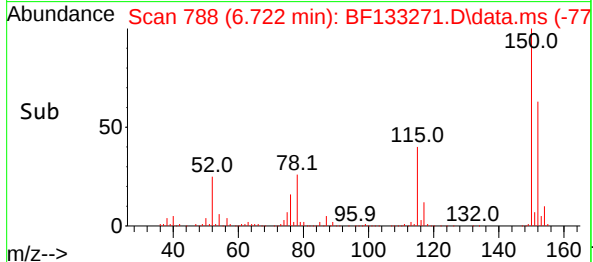
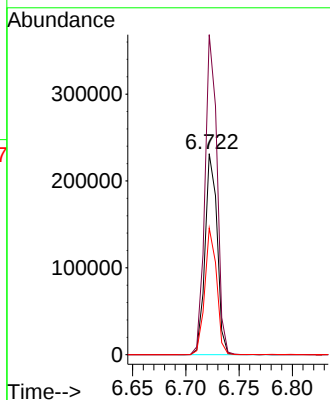
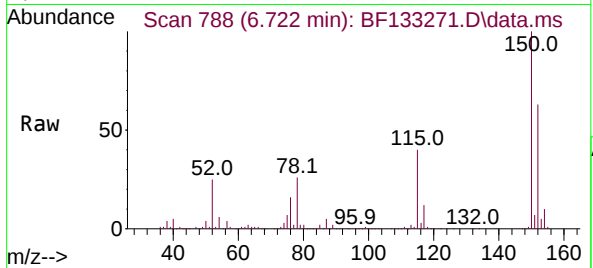




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133271.D
 Acq: 05 May 2023 19:17

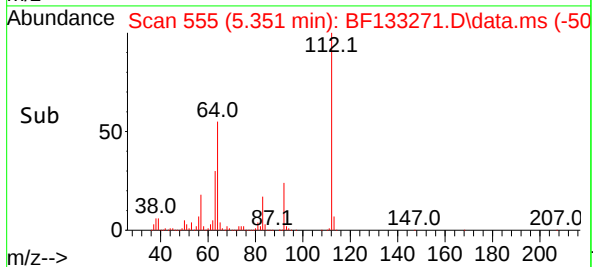
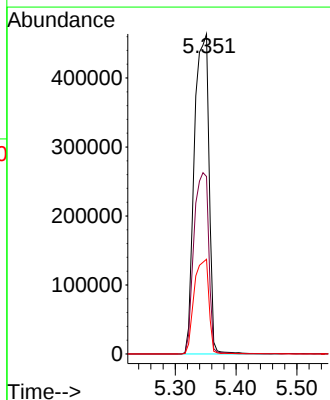
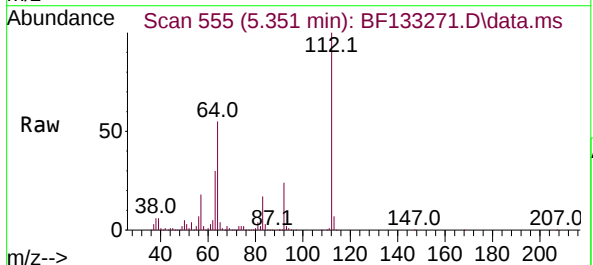
Instrument :
 BNA_F
 ClientSampleId :
 DSN003

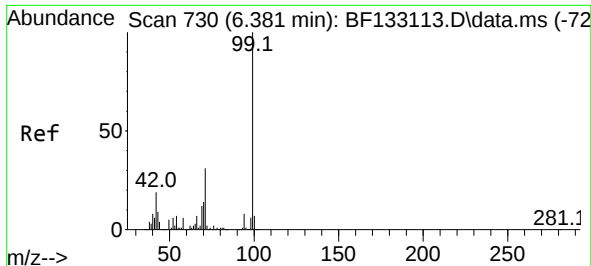
Tgt Ion:152 Resp: 183955
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.8 187.2
 115 63.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.474 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF133271.D
 Acq: 05 May 2023 19:17

Tgt Ion:112 Resp: 772952
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.8 70.2
 63 29.6 23.8 35.8

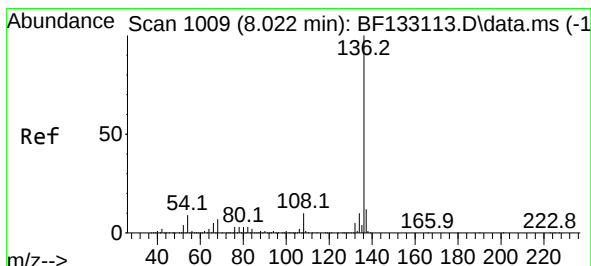
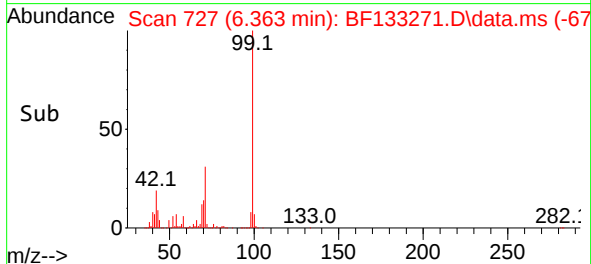
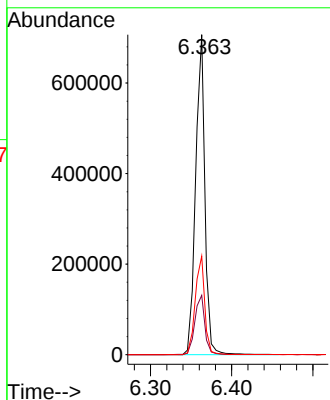
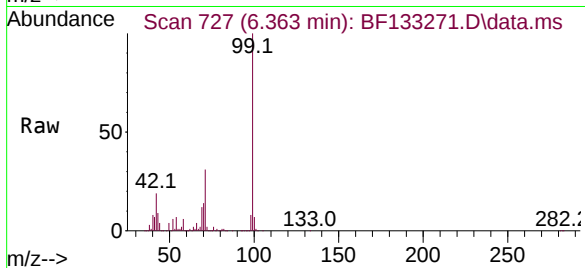




#7
Phenol-d6
Concen: 37.386 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

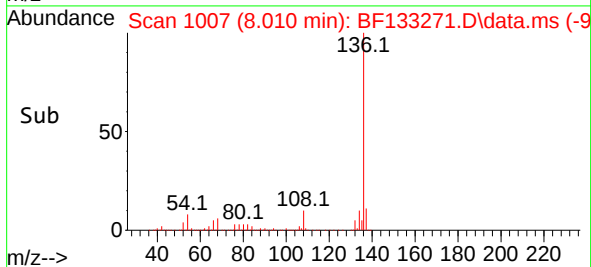
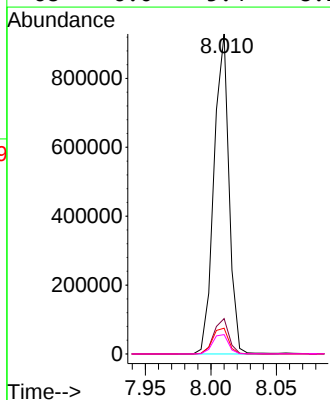
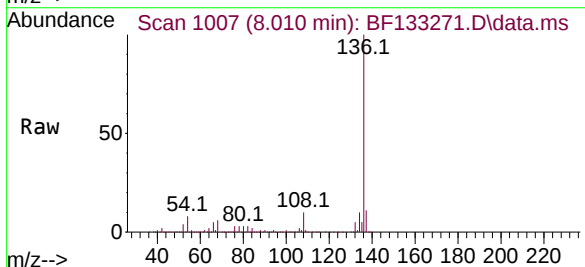
Instrument :
BNA_F
ClientSampleId :
DSN003

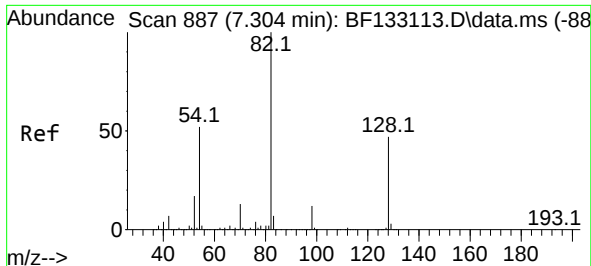
Tgt Ion: 99 Resp: 565082
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion: 136 Resp: 741186
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.0 10.4
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 90.434 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133271.D

Acq: 05 May 2023 19:17

Instrument :

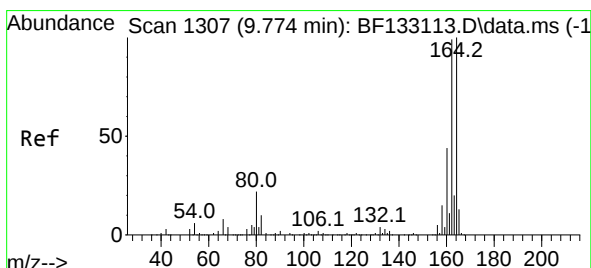
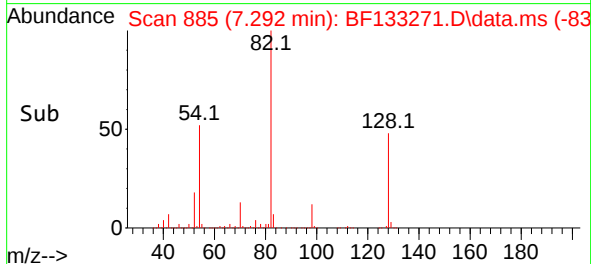
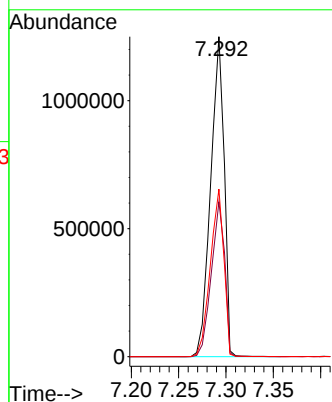
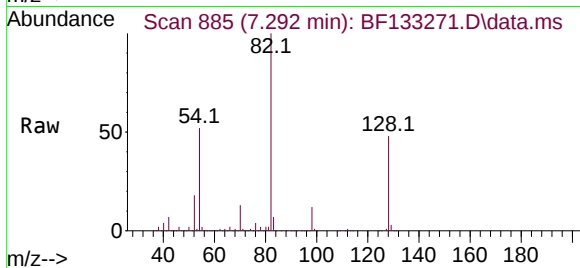
BNA_F

ClientSampleId :

DSN003

Tgt Ion: 82 Resp: 1241800

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	52.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

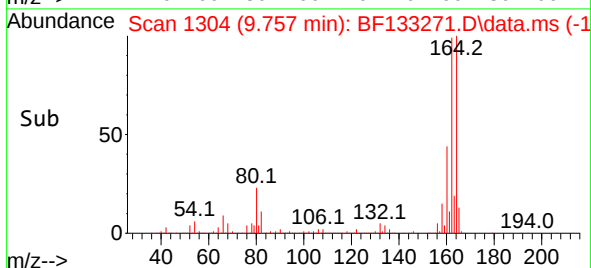
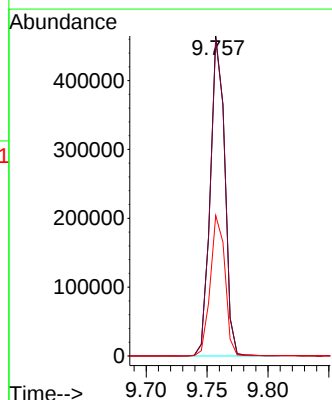
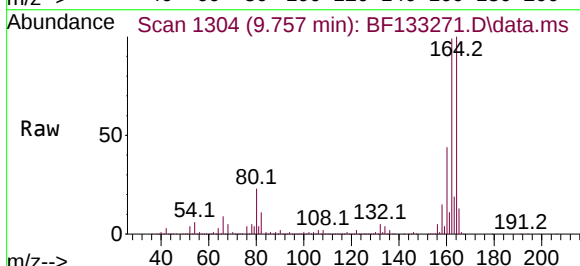
Delta R.T. -0.006 min

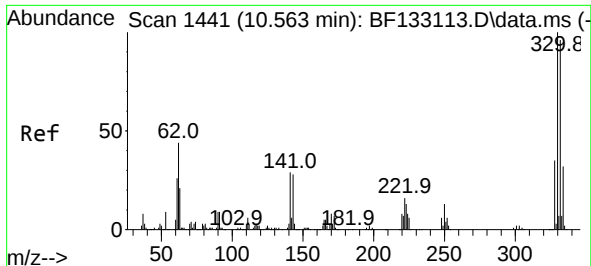
Lab File: BF133271.D

Acq: 05 May 2023 19:17

Tgt Ion: 164 Resp: 382123

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.7	118.1
160	43.9	35.8	53.6

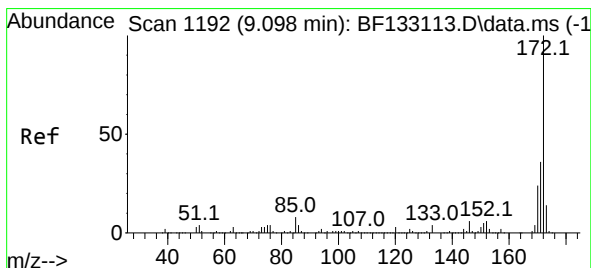
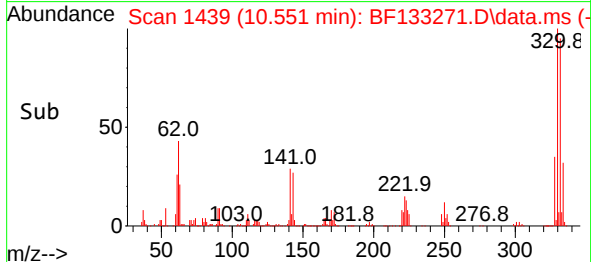
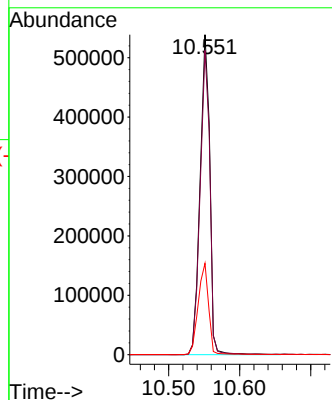
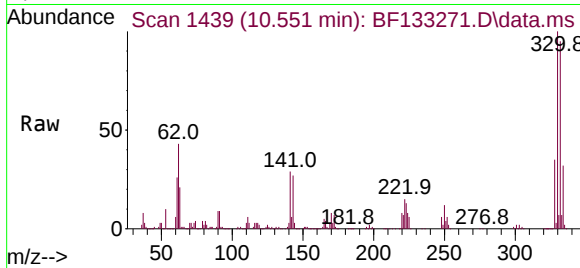




#42
2,4,6-Tribromophenol
Concen: 133.616 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

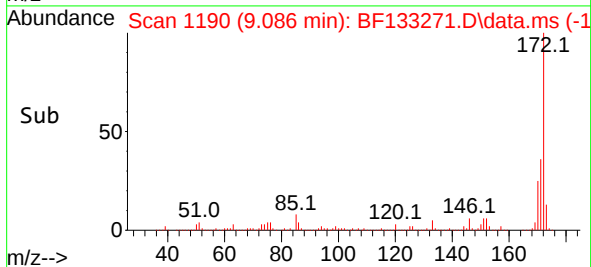
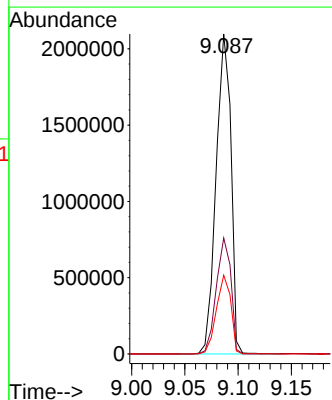
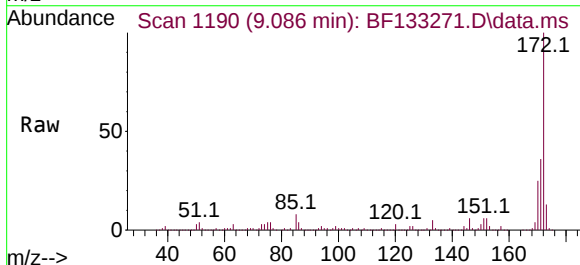
Instrument :
BNA_F
ClientSampleId :
DSN003

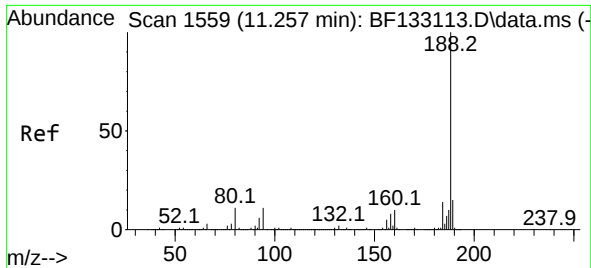
Tgt Ion:330 Resp: 513484
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.126 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion:172 Resp: 2035688
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.4 29.2

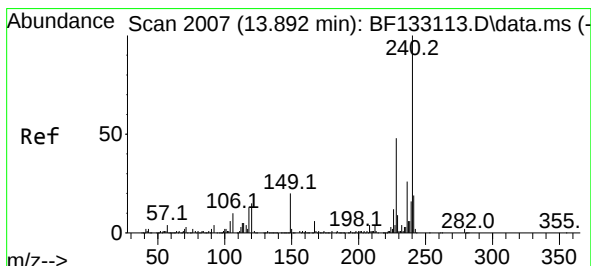
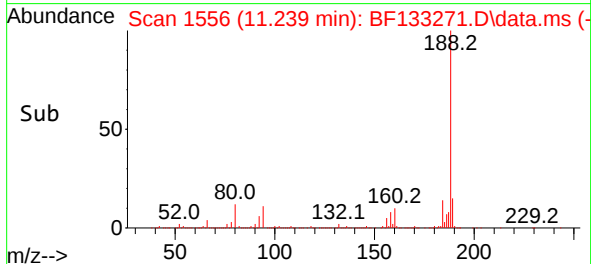
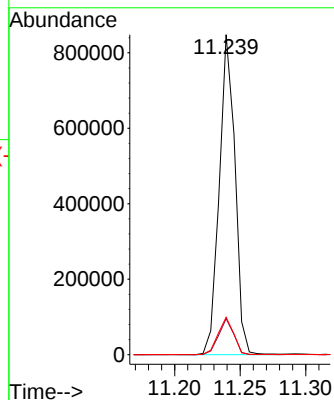
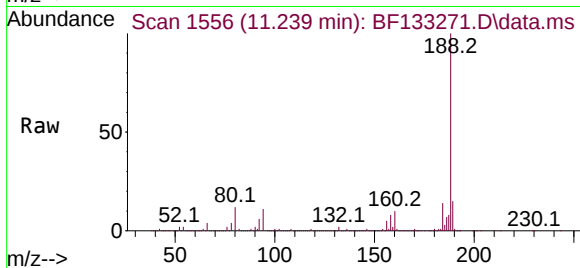




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

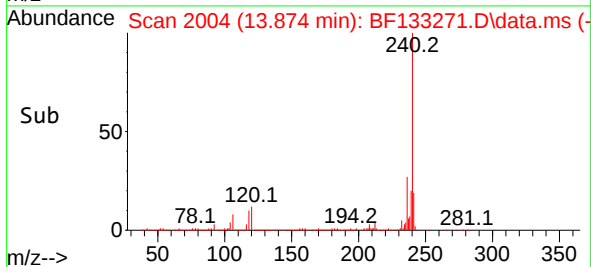
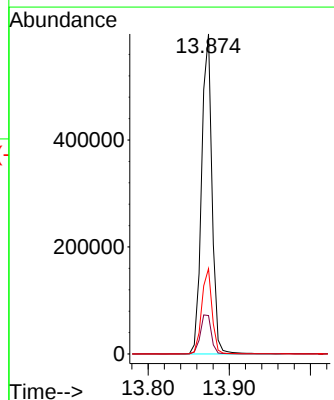
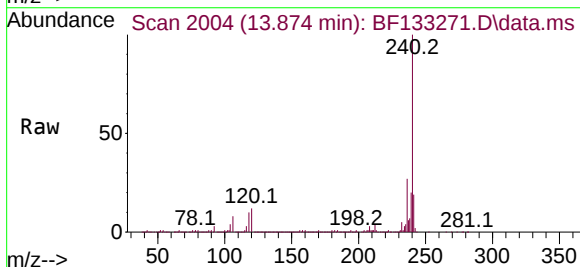
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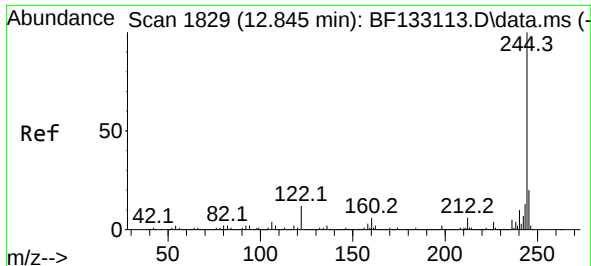
Tgt Ion:188 Resp: 705987
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133271.D
Acq: 05 May 2023 19:17

Tgt Ion:240 Resp: 534319
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 26.7 21.5 32.3

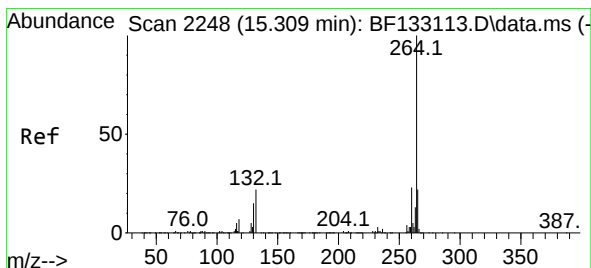
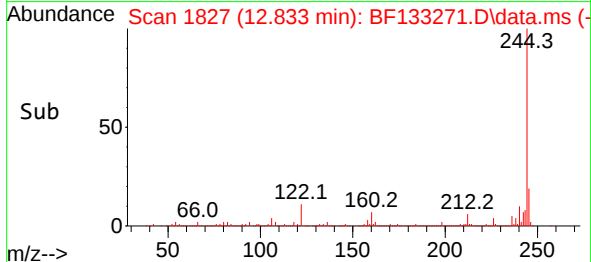
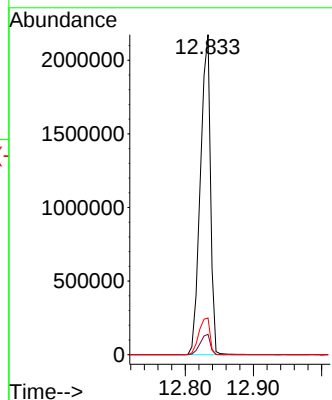
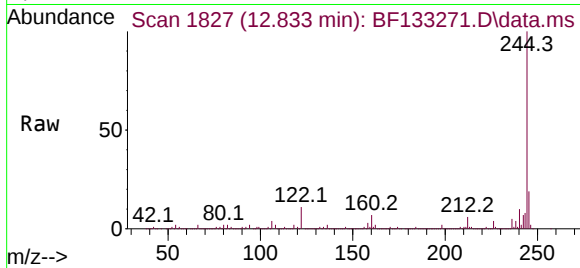




#79
 Terphenyl-d14
 Concen: 71.972 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133271.D
 Acq: 05 May 2023 19:17

Instrument :
 BNA_F
 ClientSampleId :
 DSN003

Tgt Ion:244 Resp: 2229767
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.4 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: BF133271.D
 Acq: 05 May 2023 19:17

Tgt Ion:264 Resp: 468638
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.8 17.0 25.4

