

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131783.D
 Acq On : 22 Dec 2022 18:33
 Operator : CG\JU
 Sample : N6178-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 23 03:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78993	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	284872	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	166716	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336020	20.000	ng	0.00
76) Chrysene-d12	14.045	240	226878	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	163503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	583475	124.379	ng	0.01
7) Phenol-d6	6.487	99	755151	119.598	ng	0.00
23) Nitrobenzene-d5	7.422	82	533610	76.043	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	230719	126.437	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	930382	78.175	ng	0.00
79) Terphenyl-d14	12.992	244	1123856	77.203	ng	0.00

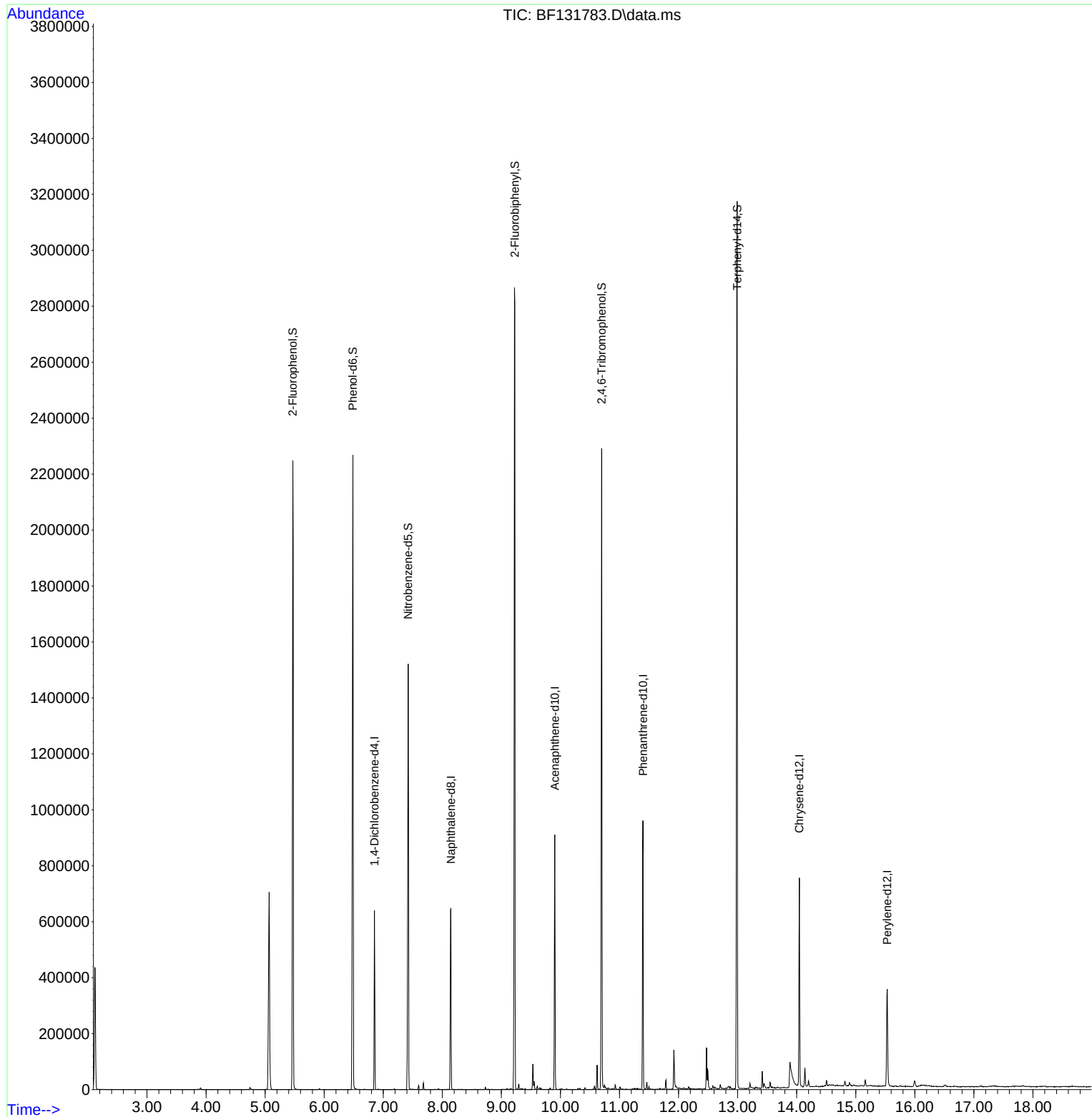
Target Compounds	Qvalue

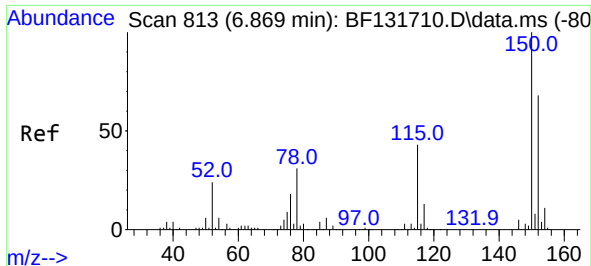
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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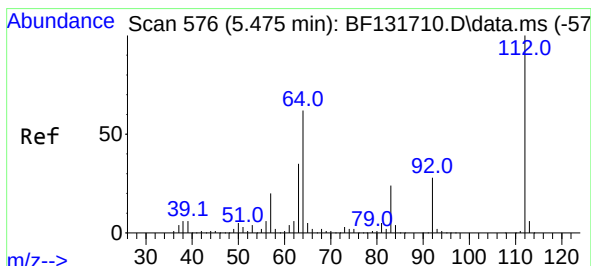
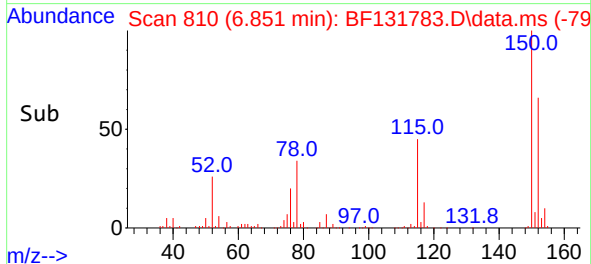
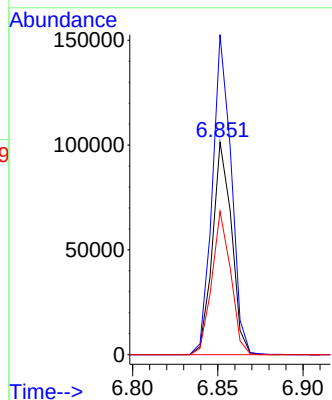
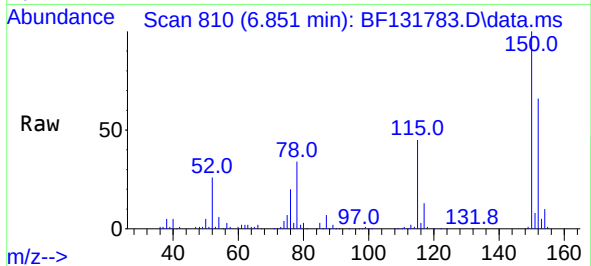




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

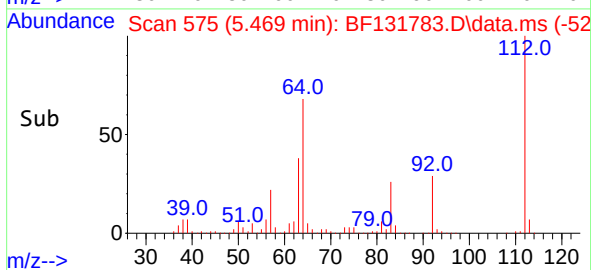
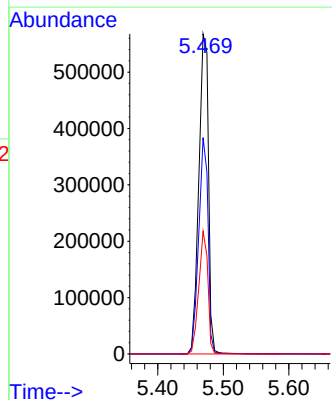
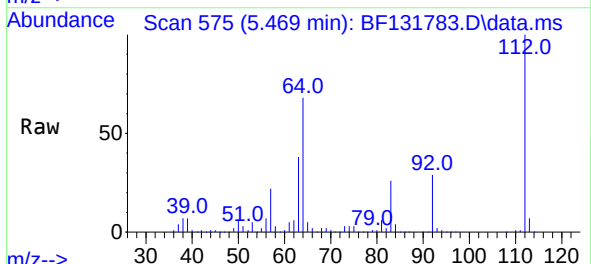
Instrument :
BNA_F
ClientSampleId :
COMP-1

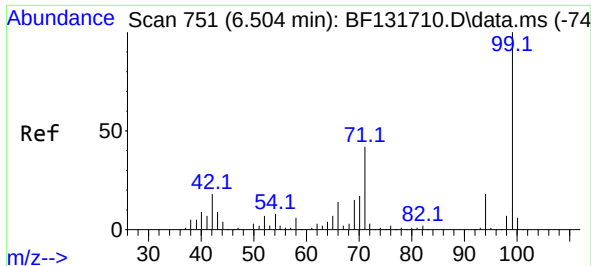
Tgt Ion:152 Resp: 78993
Ion Ratio Lower Upper
152 100
150 150.6 117.4 176.0
115 67.5 50.2 75.4



#5
2-Fluorophenol
Concen: 124.379 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:112 Resp: 583475
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 38.3 28.2 42.2

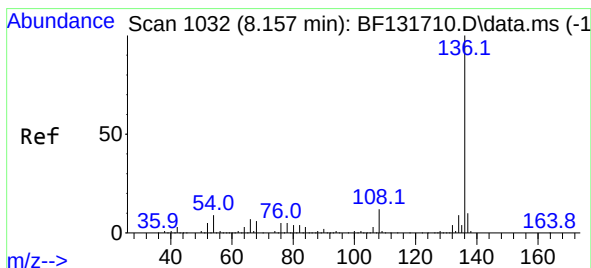
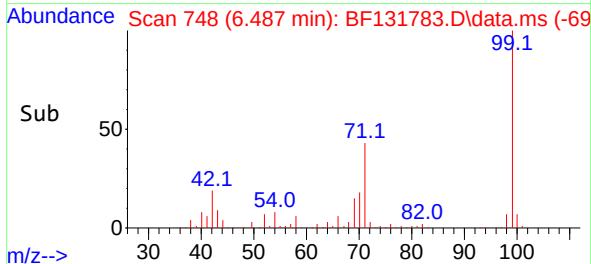
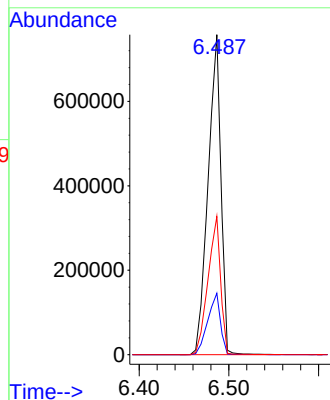
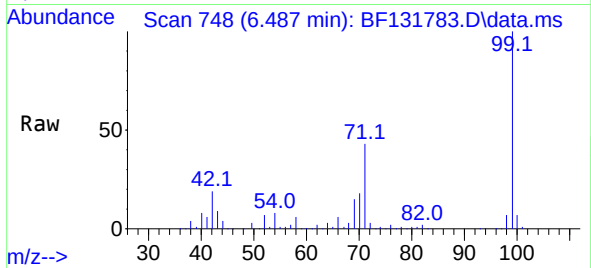




#7
Phenol-d6
Concen: 119.598 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

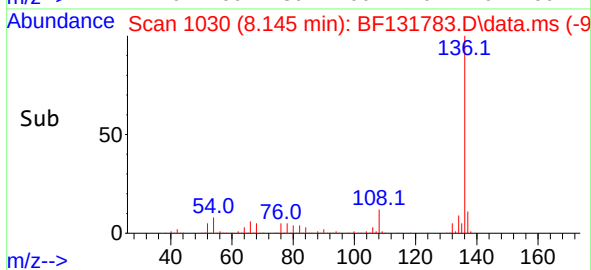
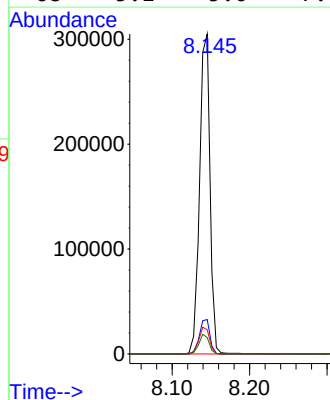
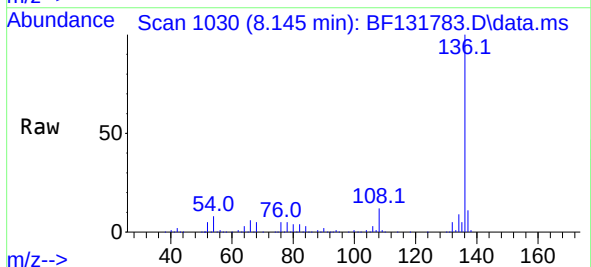
Instrument :
BNA_F
ClientSampleId :
COMP-1

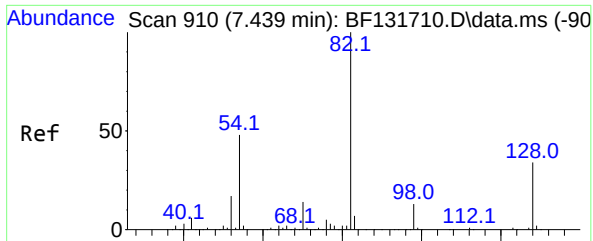
Tgt Ion: 99 Resp: 755151
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 43.2 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion: 136 Resp: 284872
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 7.2 10.8
68 5.1 5.0 7.6

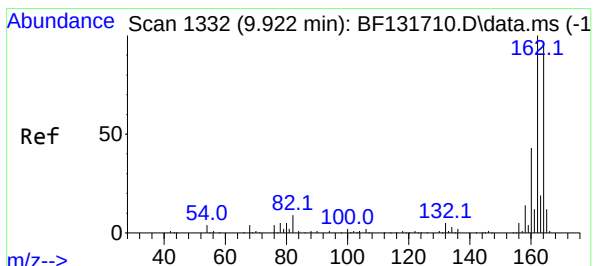
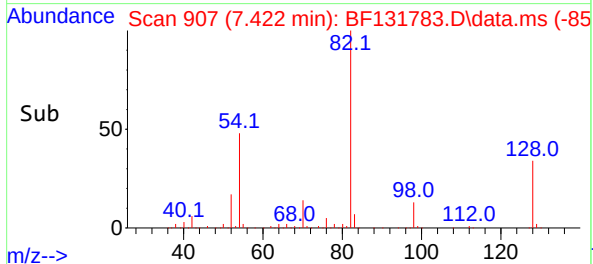
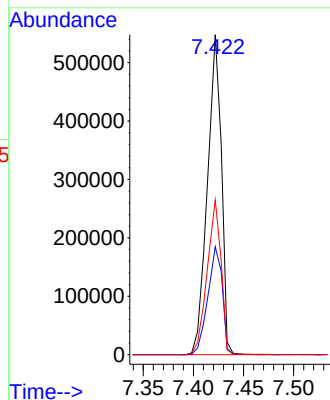
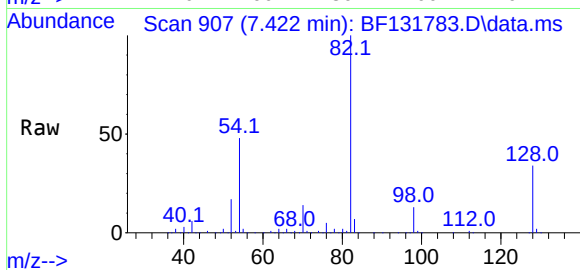




#23
Nitrobenzene-d5
Concen: 76.043 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

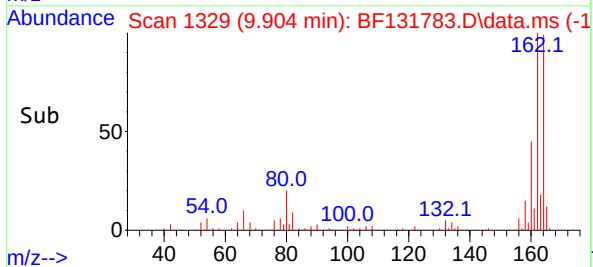
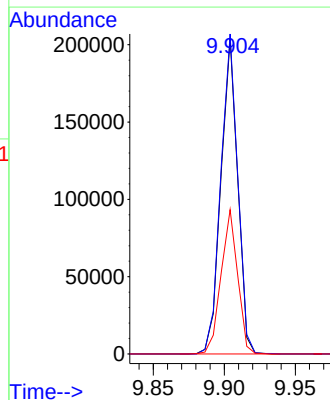
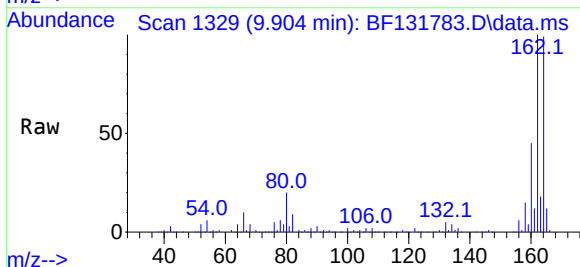
Instrument :
BNA_F
ClientSampleId :
COMP-1

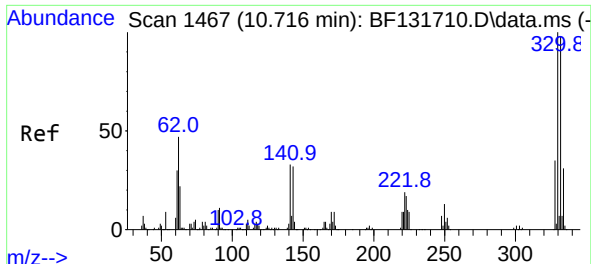
Tgt Ion: 82 Resp: 533610
Ion Ratio Lower Upper
82 100
128 33.8 27.3 40.9
54 48.3 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:164 Resp: 166716
Ion Ratio Lower Upper
164 100
162 101.4 83.7 125.5
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.437 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

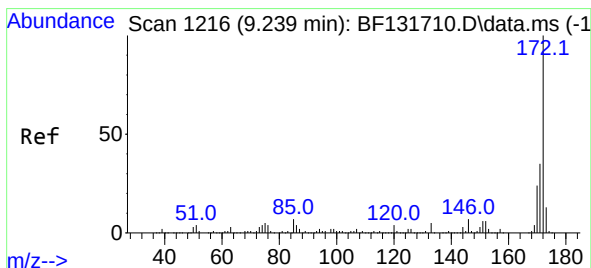
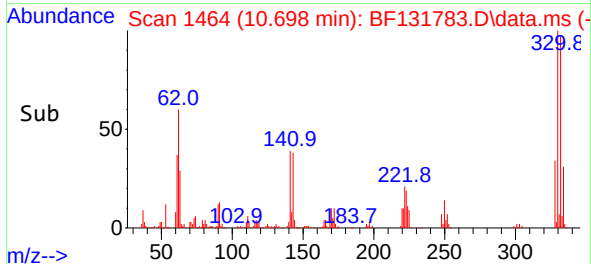
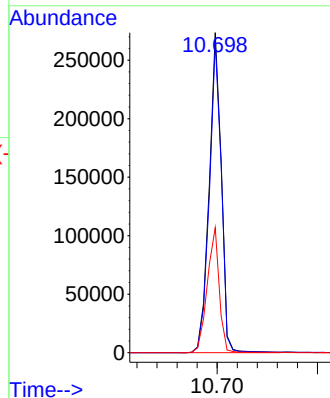
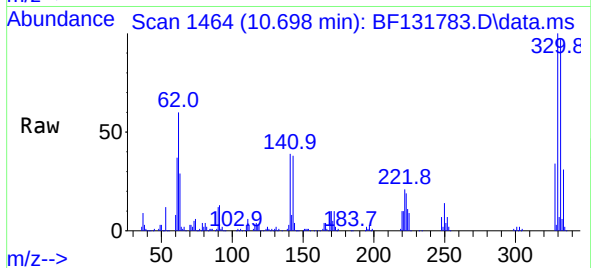
Tgt Ion:330 Resp: 230719

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 38.7 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 78.175 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

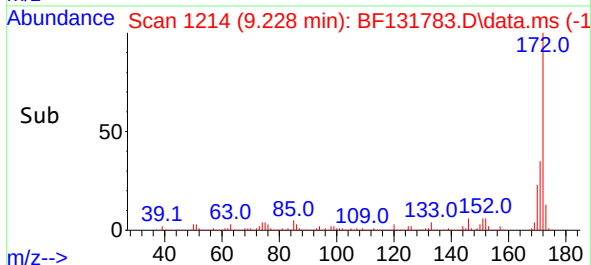
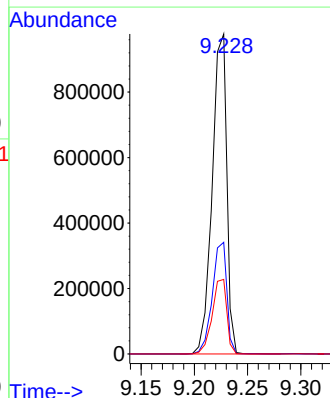
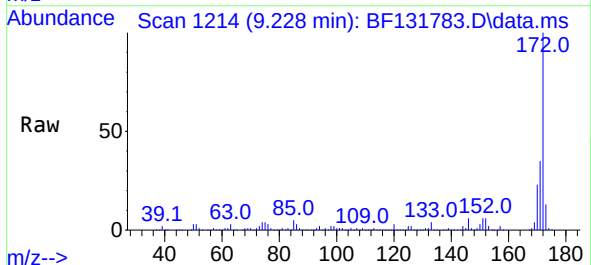
Tgt Ion:172 Resp: 930382

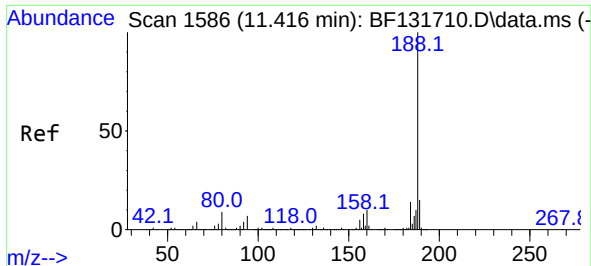
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.3 19.0 28.4

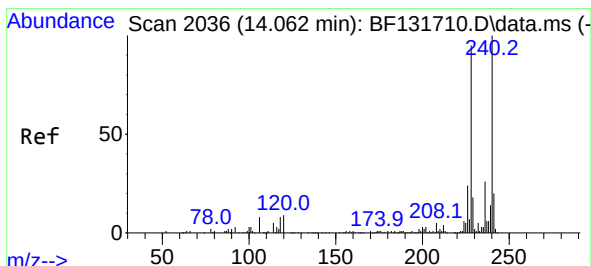
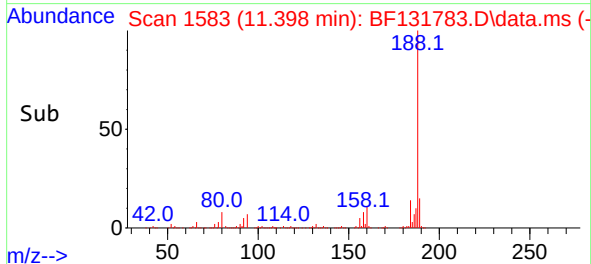
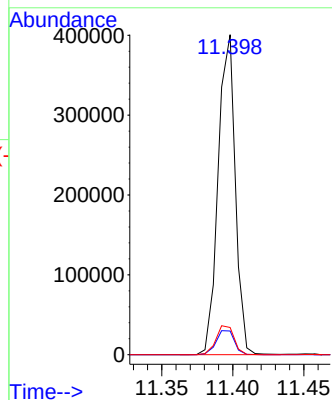
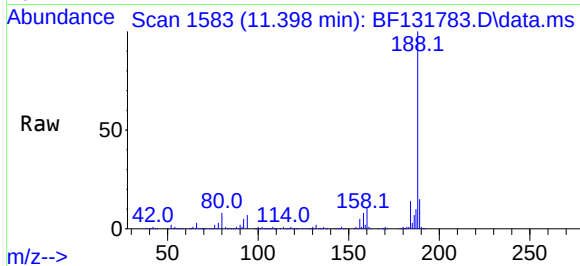




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

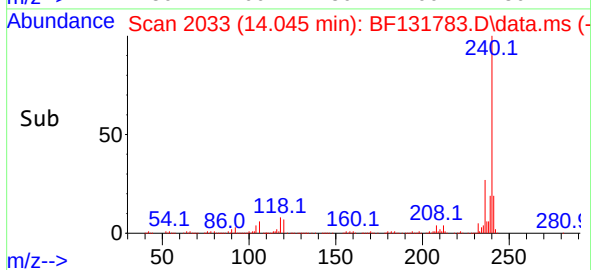
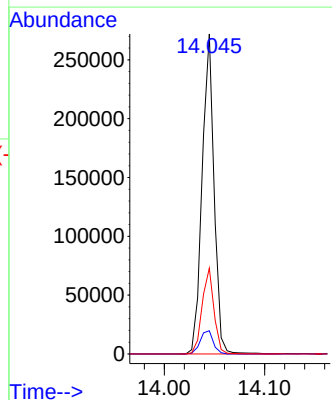
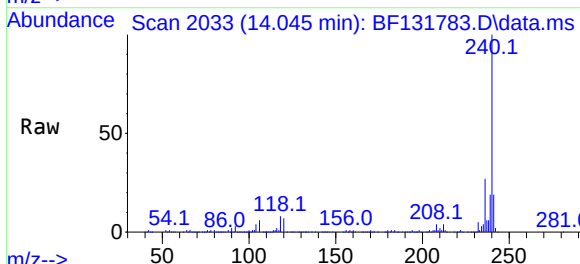
Instrument :
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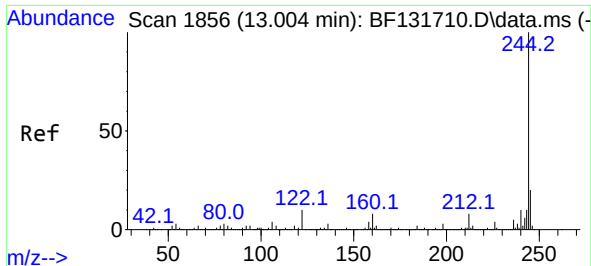
Tgt Ion:188 Resp: 336020
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.5 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

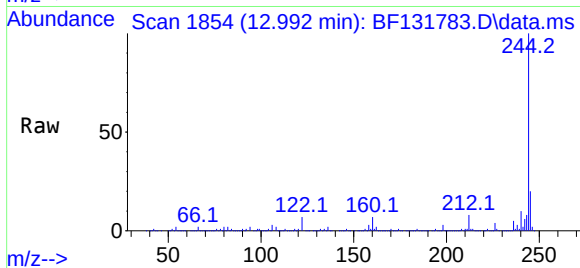
Tgt Ion:240 Resp: 226878
Ion Ratio Lower Upper
240 100
120 7.3 7.6 11.4#
236 26.8 21.2 31.8



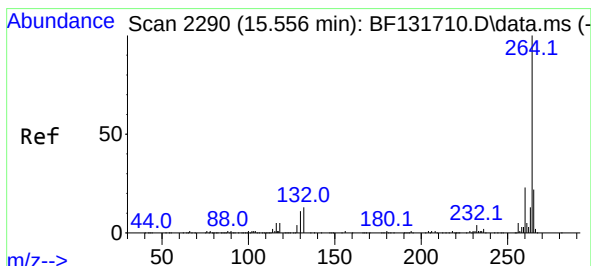
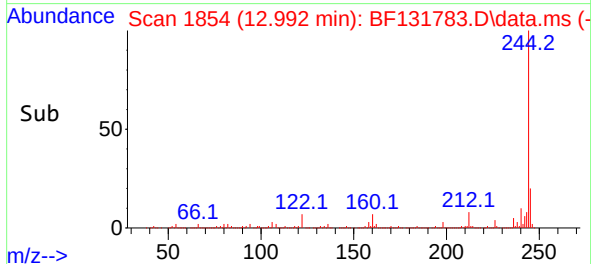
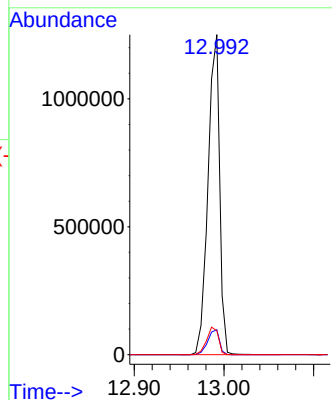


#79
 Terphenyl-d14
 Concen: 77.203 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131783.D
 Acq: 22 Dec 2022 18:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion:244 Resp: 1123856
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.5 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF131783.D
 Acq: 22 Dec 2022 18:33

Tgt Ion:264 Resp: 163503
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 21.3 17.4 26.2

