

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131780.D
 Acq On : 22 Dec 2022 16:52
 Operator : CG\JU
 Sample : PB149800TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149800TB

Quant Time: Dec 23 03:31:21 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	78042	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	291293	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184181	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	381237	20.000	ng	0.00
76) Chrysene-d12	14.045	240	292092	20.000	ng	0.00
86) Perylene-d12	15.533	264	188101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	721514	155.679	ng	0.02
7) Phenol-d6	6.486	99	929950	149.076	ng	0.00
23) Nitrobenzene-d5	7.422	82	649448	90.511	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	305598	151.591	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1176756	89.500	ng	0.00
79) Terphenyl-d14	12.992	244	1683433	89.824	ng	0.00

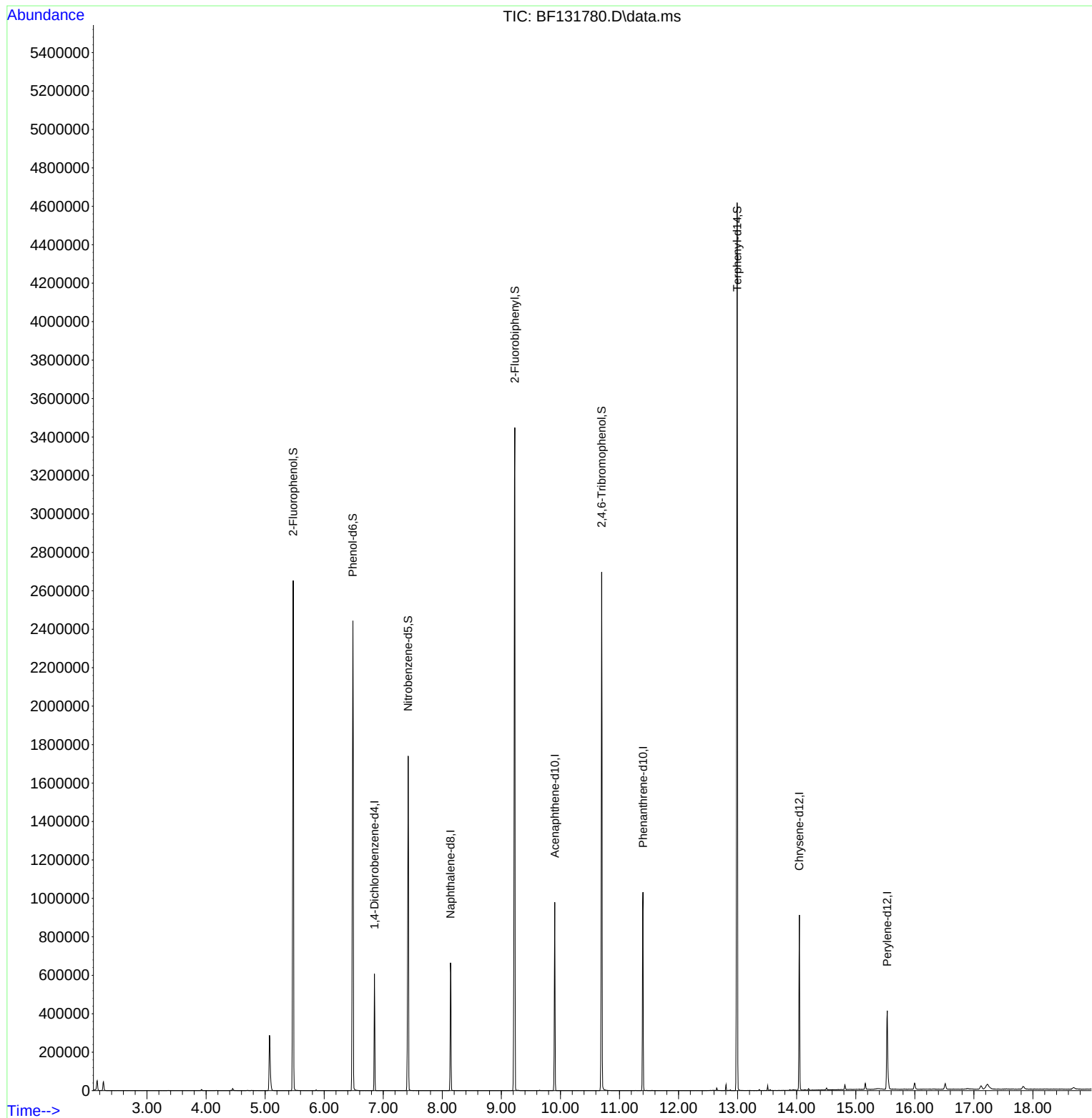
Target Compounds	Qvalue

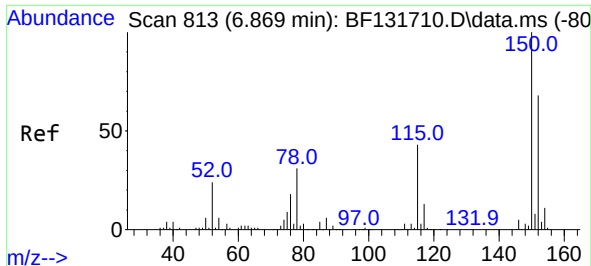
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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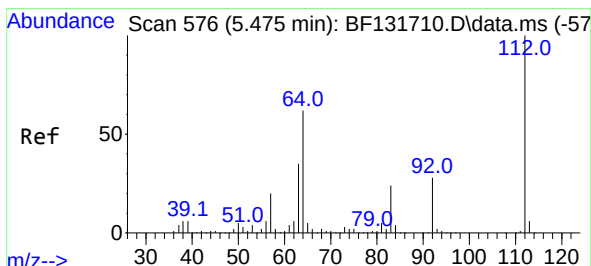
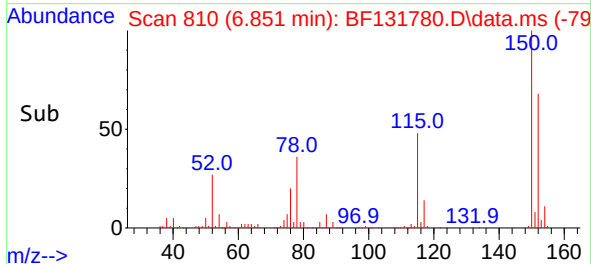
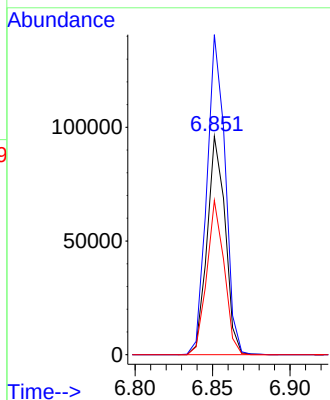
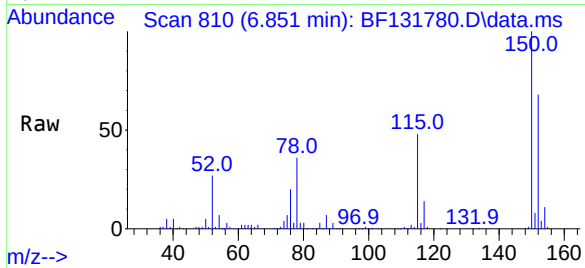




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

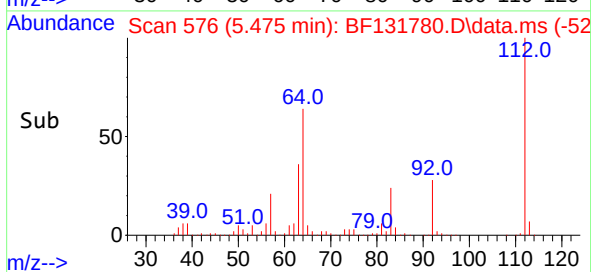
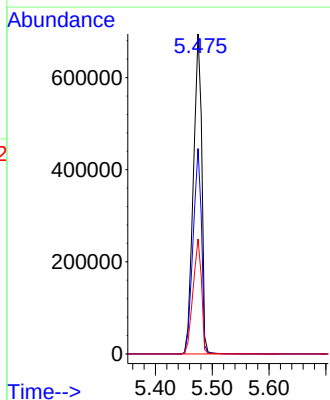
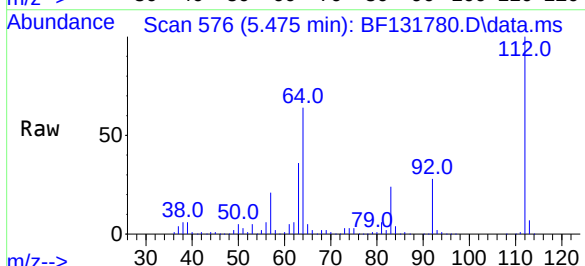
Instrument :
BNA_F
ClientSampleId :
PB149800TB

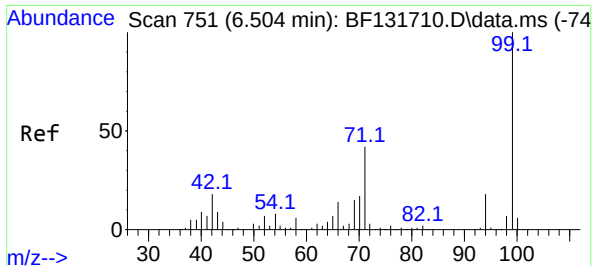
Tgt Ion:152 Resp: 78042
Ion Ratio Lower Upper
152 100
150 146.5 117.4 176.0
115 70.6 50.2 75.4



#5
2-Fluorophenol
Concen: 155.679 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion:112 Resp: 721514
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 35.9 28.2 42.2

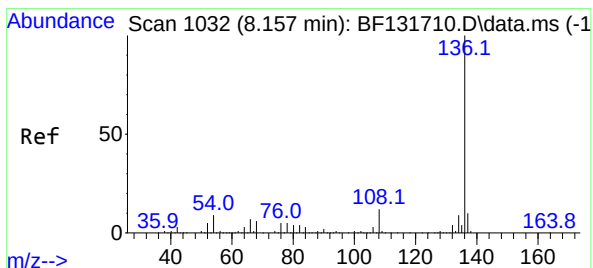
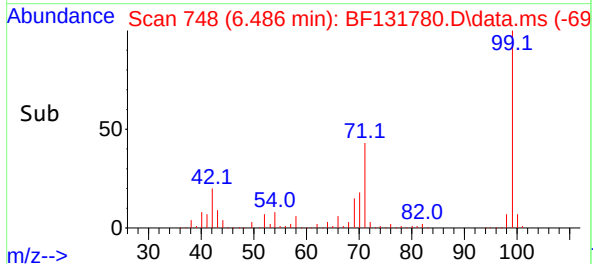
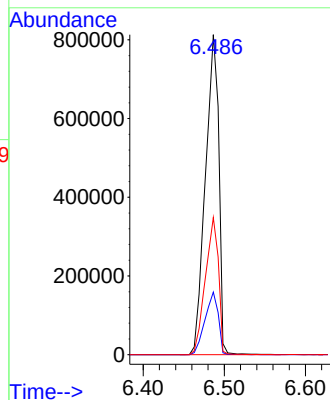
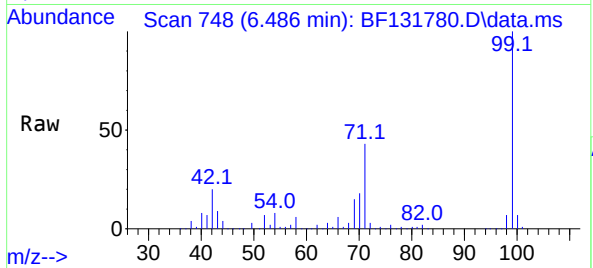




#7
Phenol-d6
Concen: 149.076 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

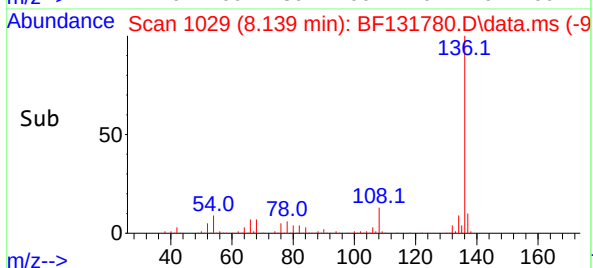
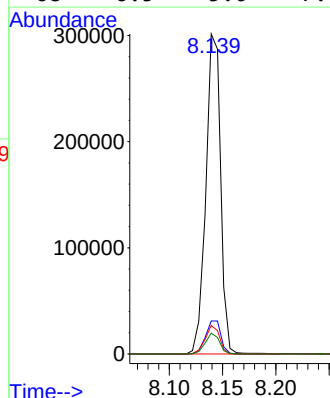
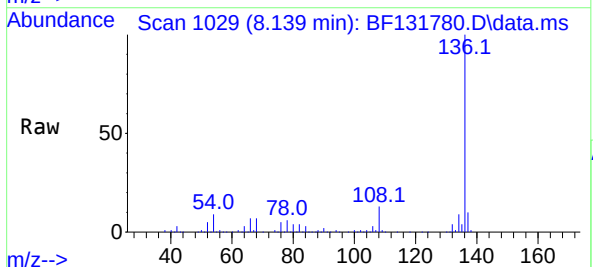
Instrument :
BNA_F
ClientSampleId :
PB149800TB

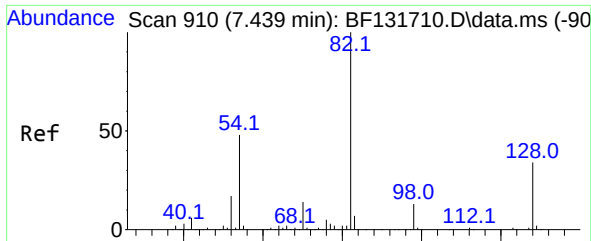
Tgt Ion: 99 Resp: 929950
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 42.8 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

Tgt Ion: 136 Resp: 291293
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 8.9 7.2 10.8
68 6.5 5.0 7.6

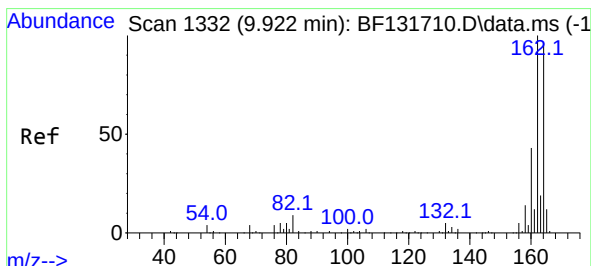
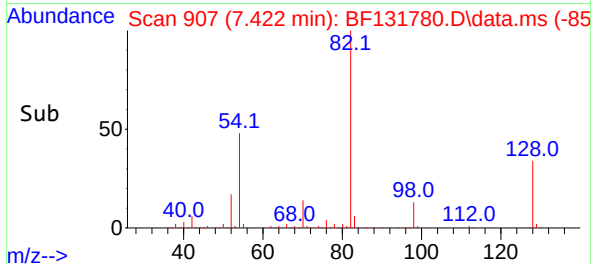
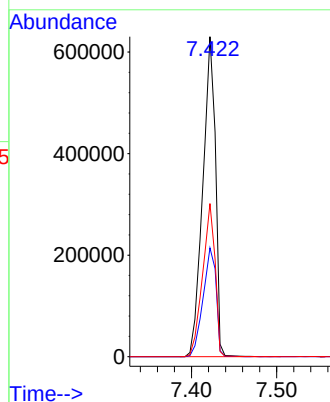
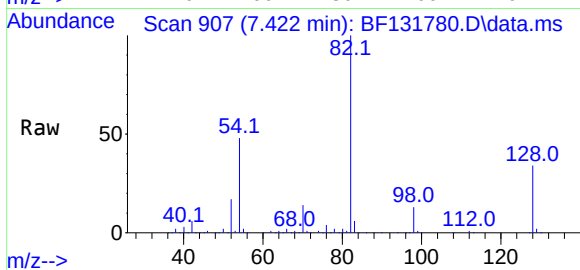




#23
 Nitrobenzene-d5
 Concen: 90.511 ng
 RT: 7.422 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF131780.D
 Acq: 22 Dec 2022 16:52

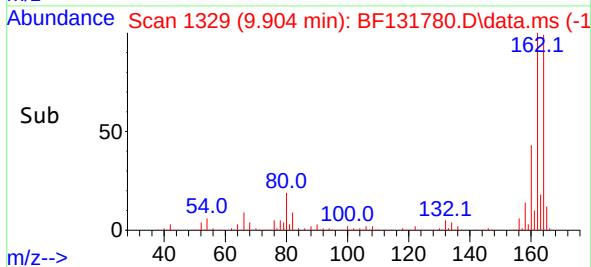
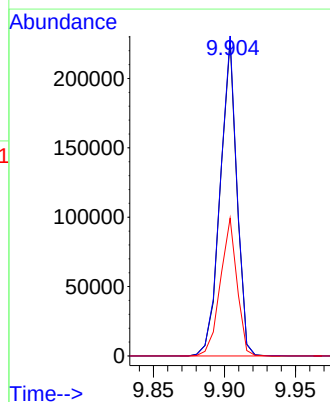
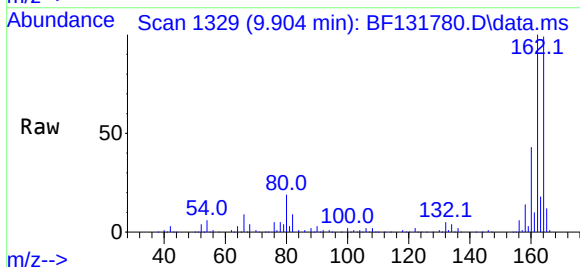
Instrument :
 BNA_F
 ClientSampleId :
 PB149800TB

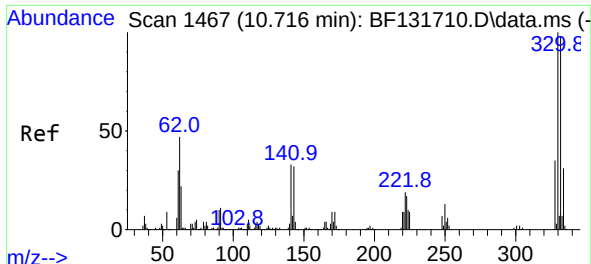
Tgt Ion: 82 Resp: 649448
 Ion Ratio Lower Upper
 82 100
 128 34.0 27.3 40.9
 54 47.9 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF131780.D
 Acq: 22 Dec 2022 16:52

Tgt Ion:164 Resp: 184181
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.7 125.5
 160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 151.591 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131780.D

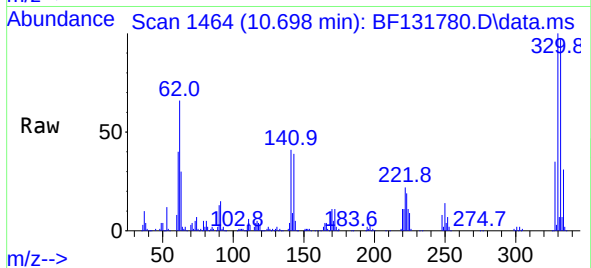
Acq: 22 Dec 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB149800TB



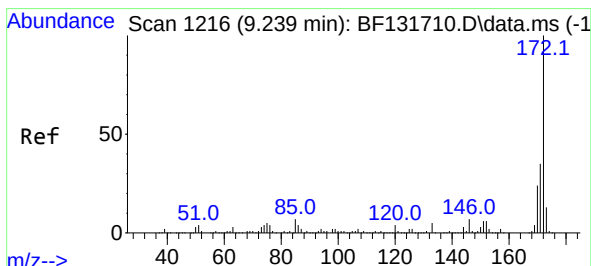
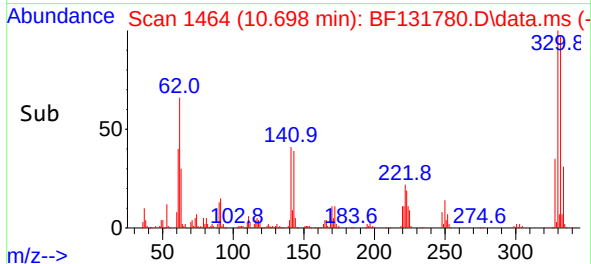
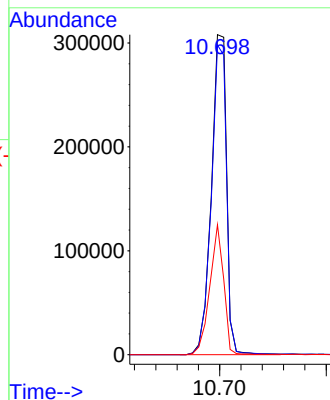
Tgt Ion:330 Resp: 305598

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 37.3 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 89.500 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF131780.D

Acq: 22 Dec 2022 16:52

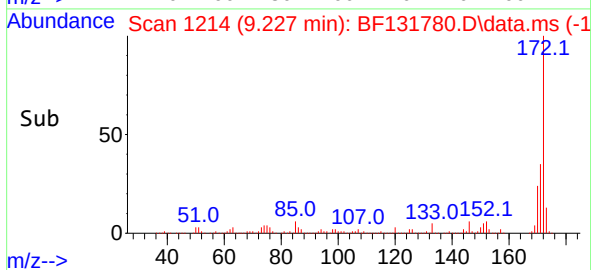
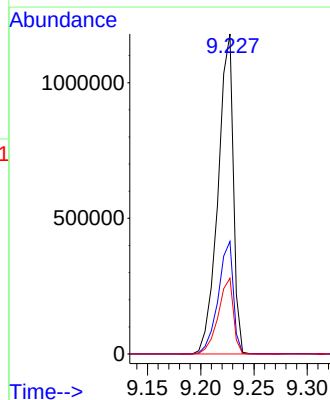
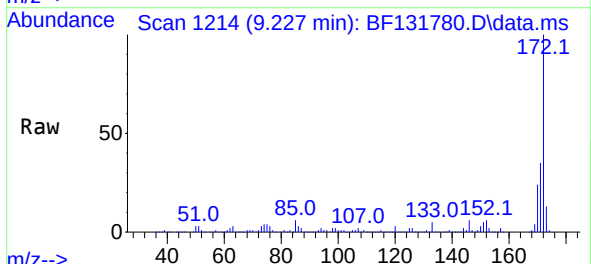
Tgt Ion:172 Resp: 1176756

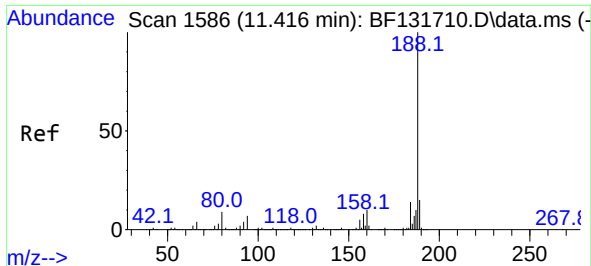
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.6 19.0 28.4

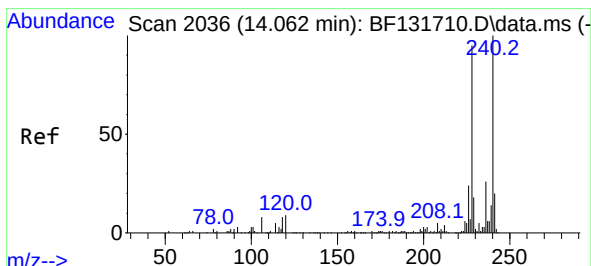
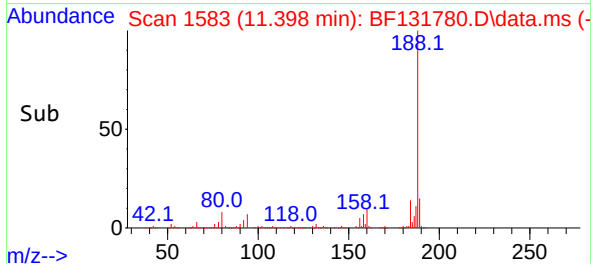
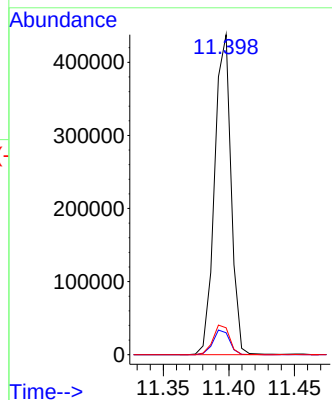
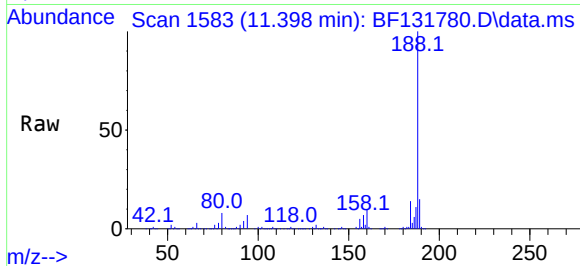




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

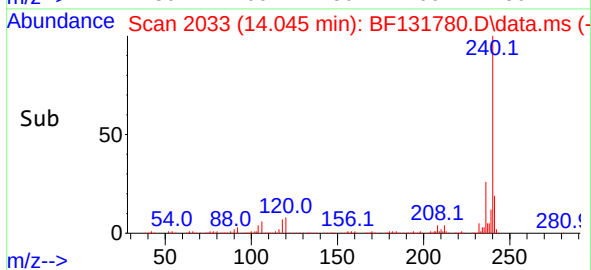
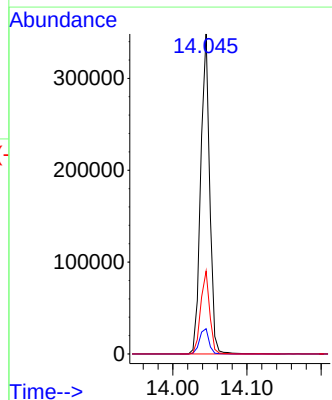
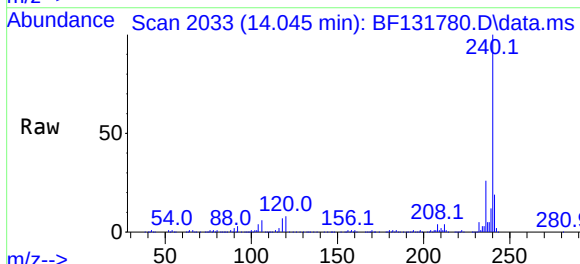
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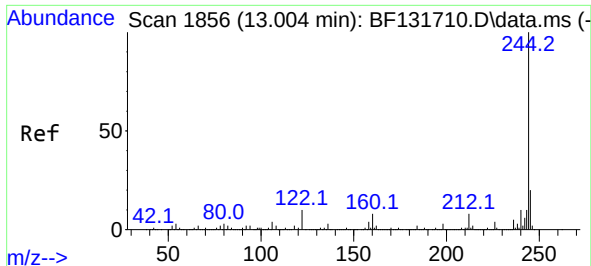
Tgt Ion:188 Resp: 381237
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

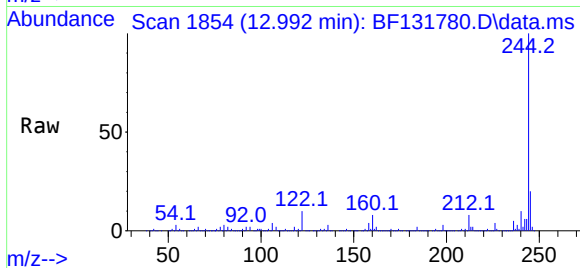
Tgt Ion:240 Resp: 292092
Ion Ratio Lower Upper
240 100
120 7.9 7.6 11.4
236 25.9 21.2 31.8



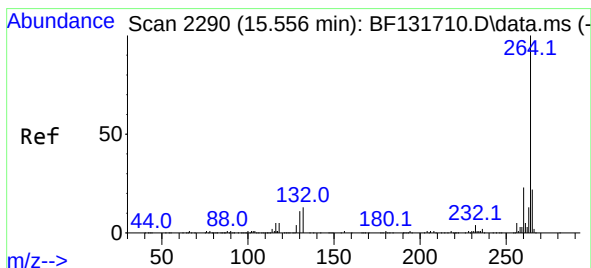
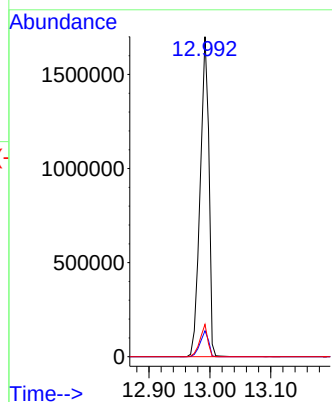
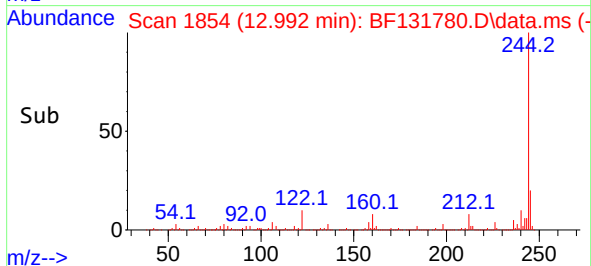


#79
Terphenyl-d14
Concen: 89.824 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131780.D
Acq: 22 Dec 2022 16:52

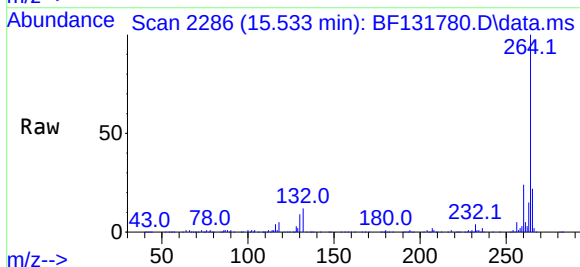
Instrument :
BNA_F
ClientSampleId :
PB149800TB



Tgt Ion:244 Resp: 1683433
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.1 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: BF131780.D
Acq: 22 Dec 2022 16:52



Tgt Ion:264 Resp: 188101
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.4 26.2

