

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131930.D
 Acq On : 05 Jan 2023 23:16
 Operator : CG\JU
 Sample : 01009-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 06 03:15:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

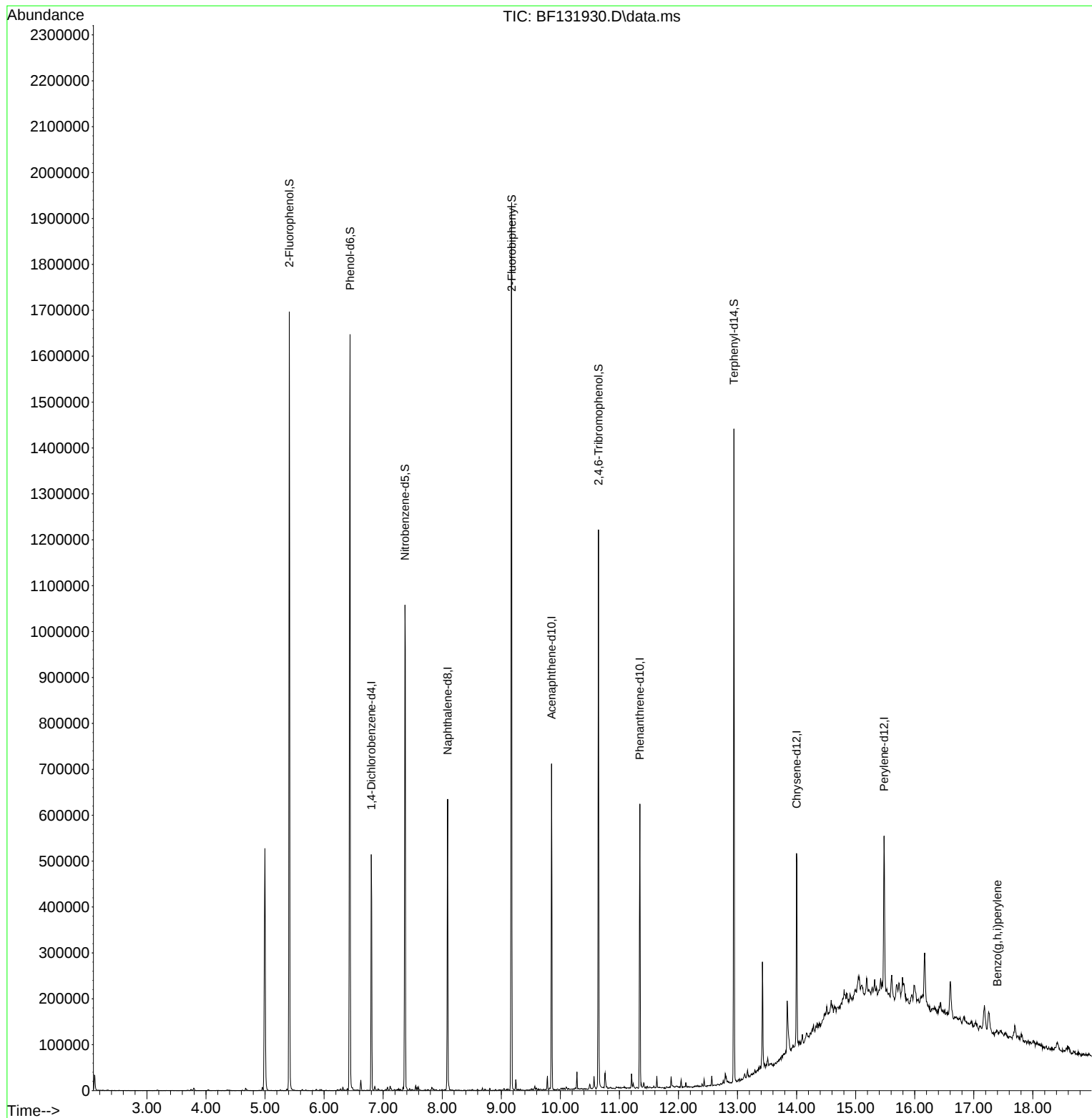
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	69509	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	241456	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	128125	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	199899	20.000	ng	0.00
76) Chrysene-d12	13.998	240	142724	20.000	ng	-0.01
86) Perylene-d12	15.480	264	146384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	404515	96.444	ng	0.00
7) Phenol-d6	6.440	99	523670	95.030	ng	0.00
23) Nitrobenzene-d5	7.369	82	371586	61.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	116237	83.499	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	576658	61.648	ng	0.00
79) Terphenyl-d14	12.939	244	435702	51.638	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.398	276	3200	5.564	ng	Qvalue # 76

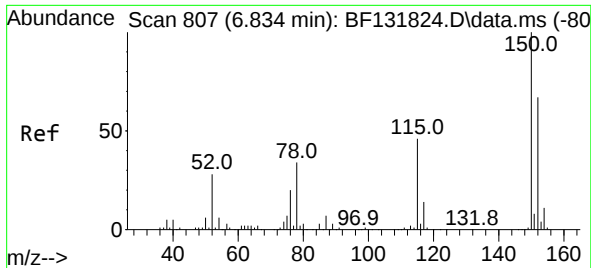
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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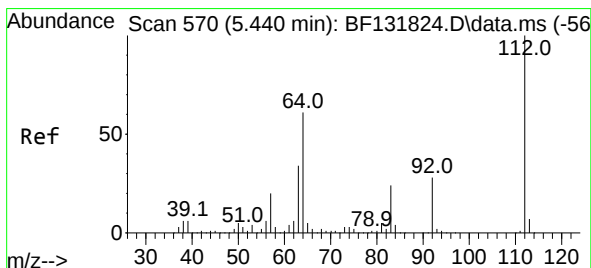
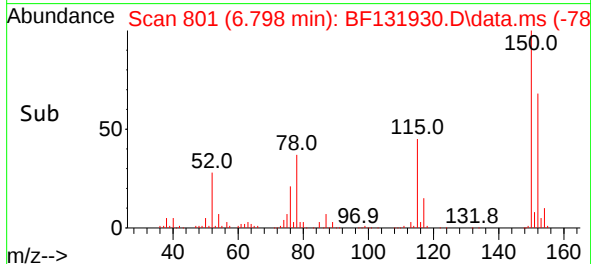
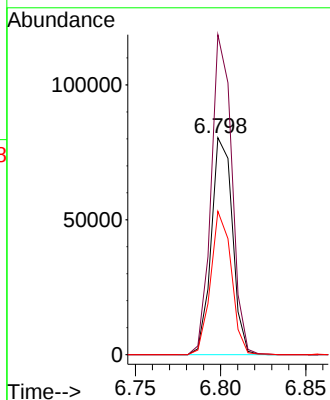
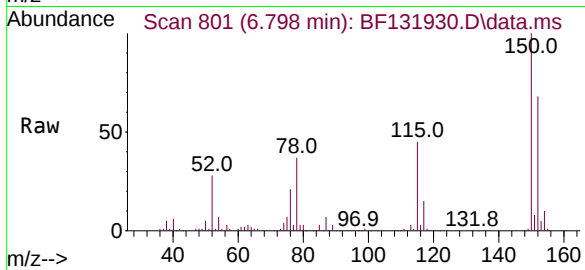




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

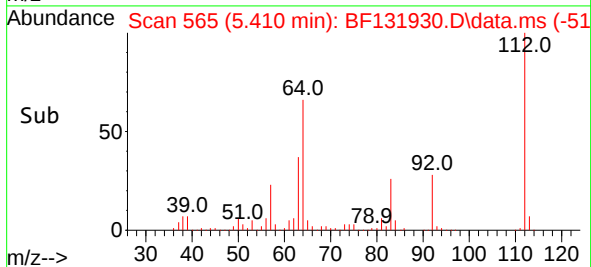
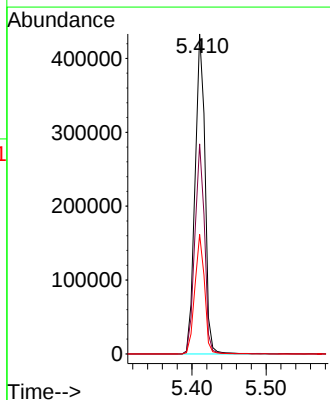
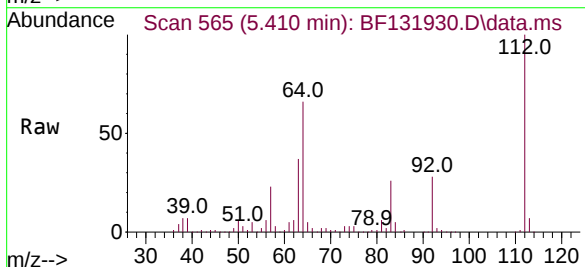
Instrument :
BNA_F
ClientSampleId :
TP-4

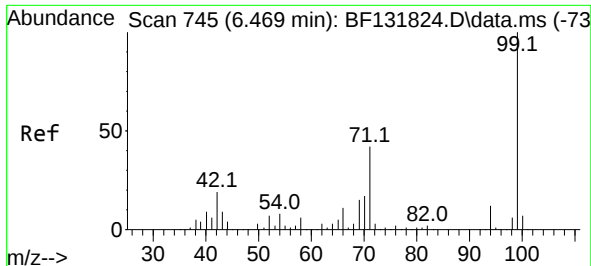
Tgt Ion:152 Resp: 69509
Ion Ratio Lower Upper
152 100
150 147.5 120.0 180.0
115 66.1 55.1 82.7



#5
2-Fluorophenol
Concen: 96.444 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:112 Resp: 404515
Ion Ratio Lower Upper
112 100
64 65.6 49.2 73.8
63 37.3 27.5 41.3

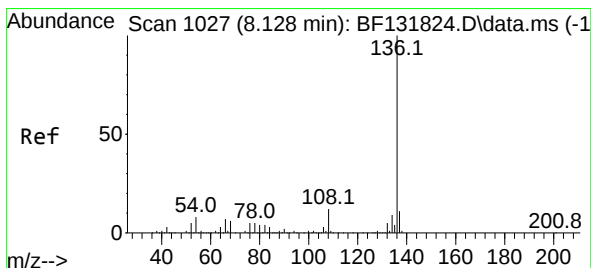
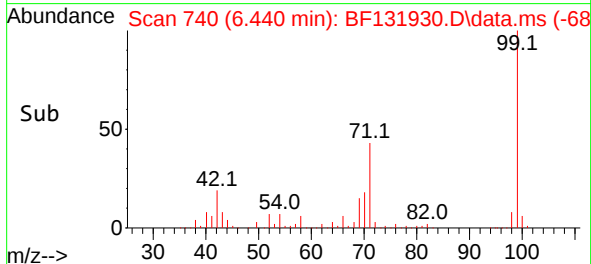
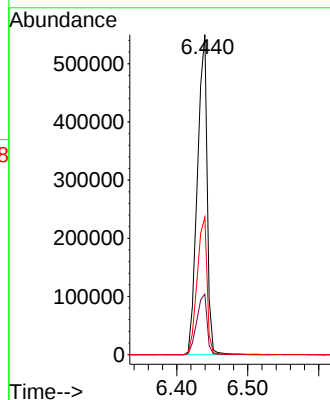
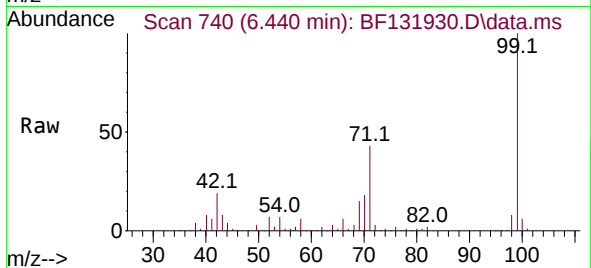




#7
Phenol-d6
Concen: 95.030 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

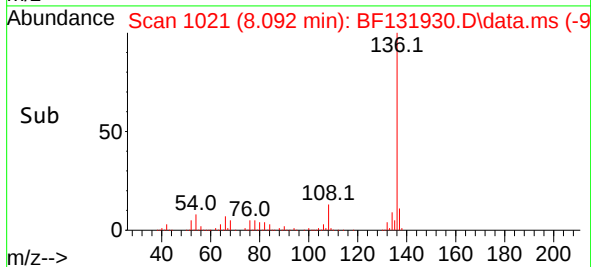
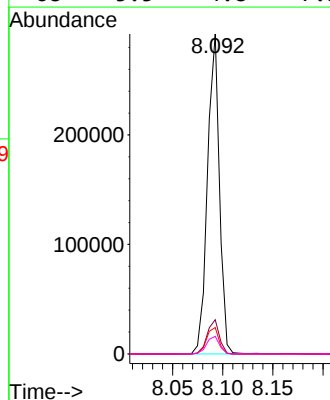
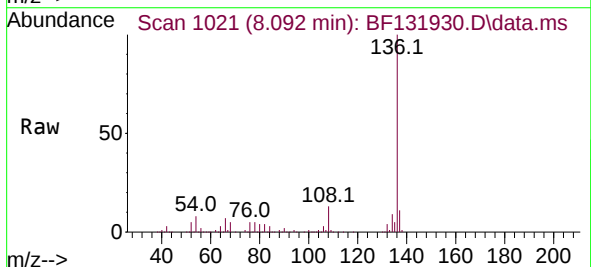
Instrument :
BNA_F
ClientSampleId :
TP-4

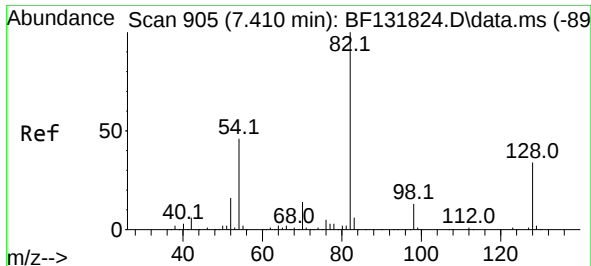
Tgt Ion: 99 Resp: 523670
Ion Ratio Lower Upper
99 100
42 18.9 15.3 22.9
71 42.9 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion: 136 Resp: 241456
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.2 6.7 10.1
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 61.443 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131930.D

Acq: 05 Jan 2023 23:16

Instrument :

BNA_F

ClientSampleId :

TP-4

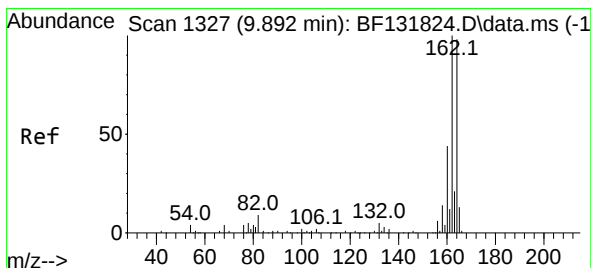
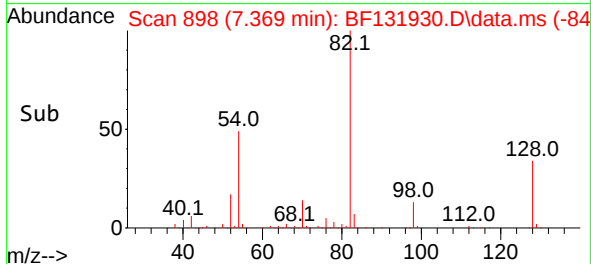
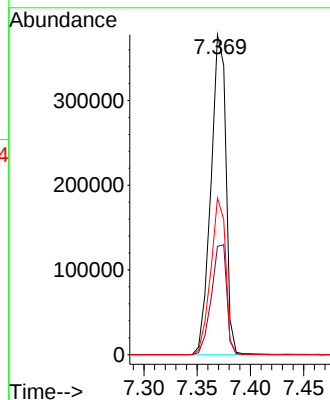
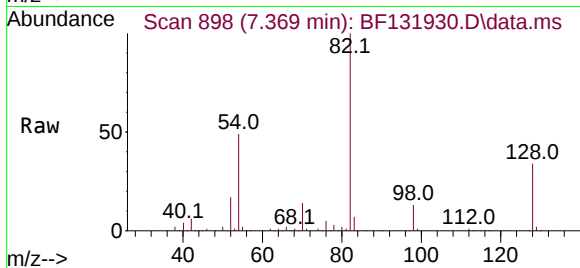
Tgt Ion: 82 Resp: 371586

Ion Ratio Lower Upper

82 100

128 33.8 27.1 40.7

54 48.9 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF131930.D

Acq: 05 Jan 2023 23:16

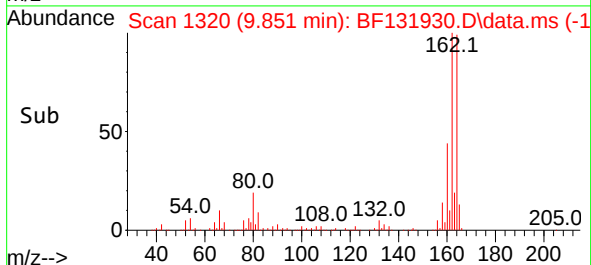
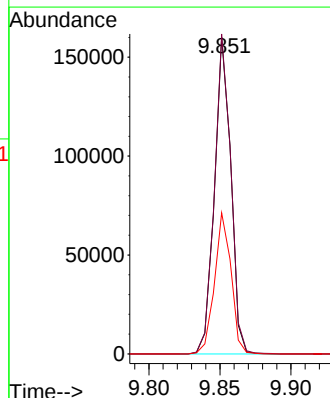
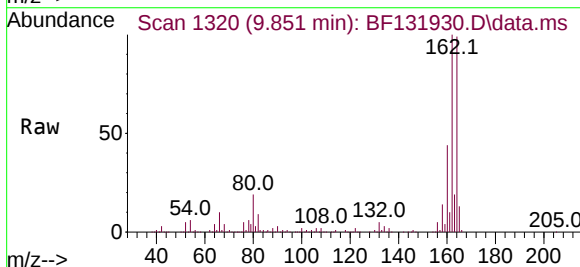
Tgt Ion:164 Resp: 128125

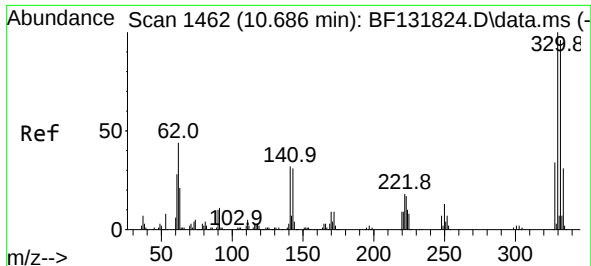
Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 44.5 35.7 53.5

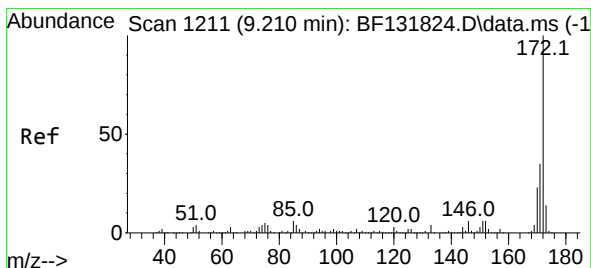
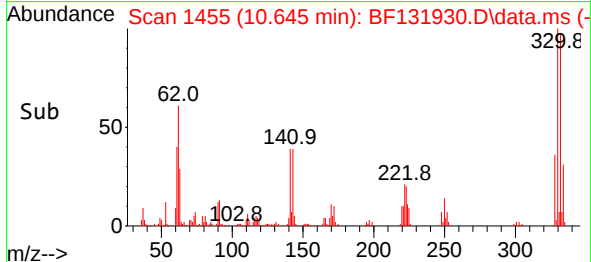
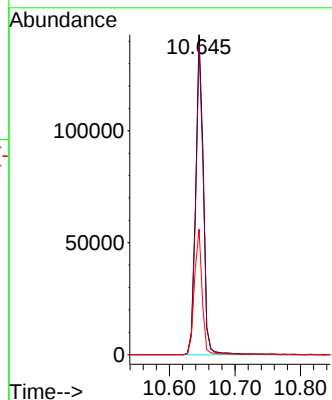
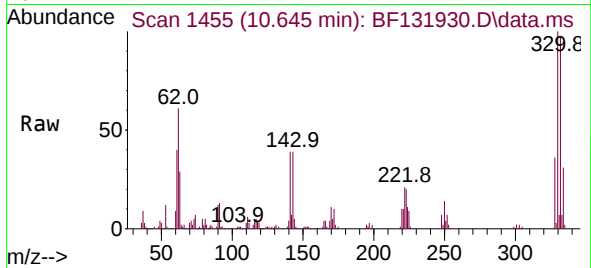




#42
2,4,6-Tribromophenol
Concen: 83.499 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

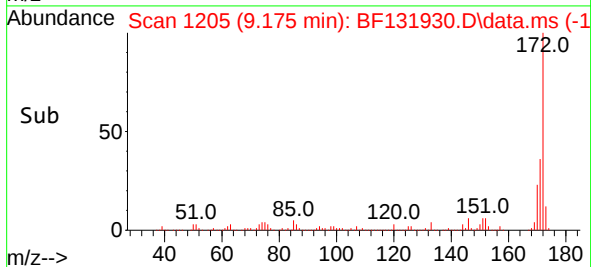
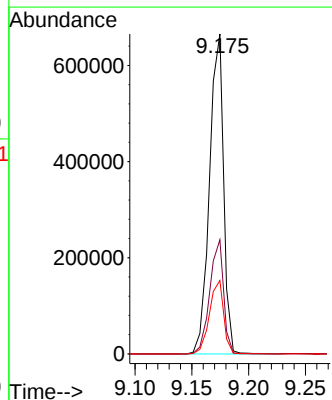
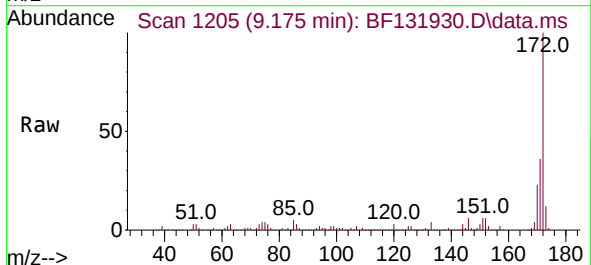
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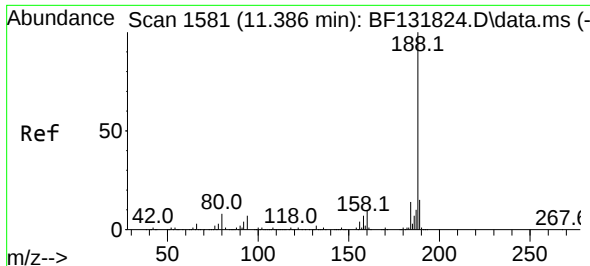
Tgt Ion:330 Resp: 116237
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.4
141 39.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 61.648 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:172 Resp: 576658
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 22.9 18.7 28.1

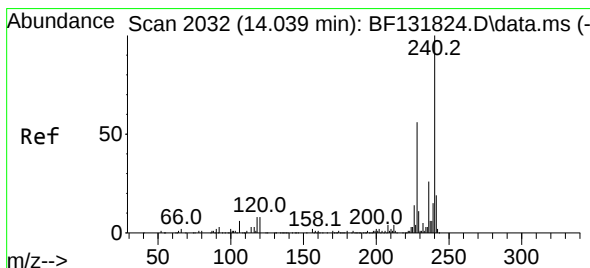
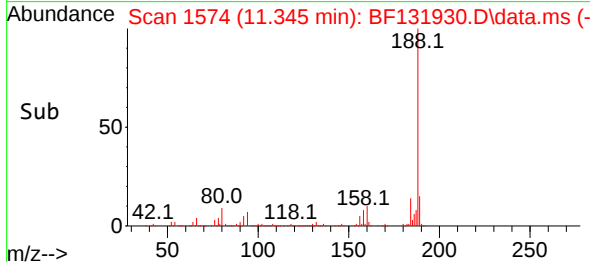
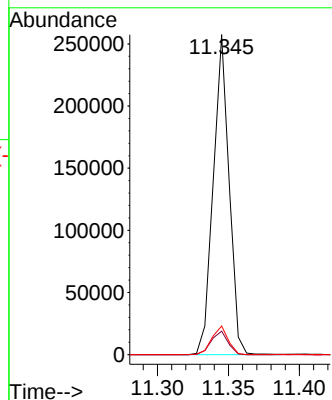
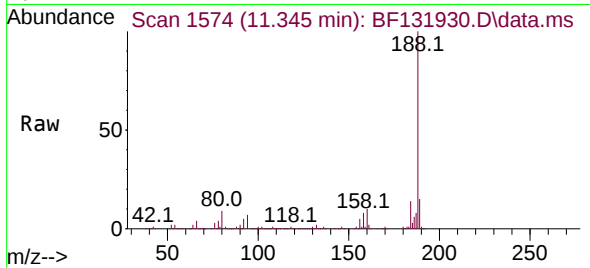




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

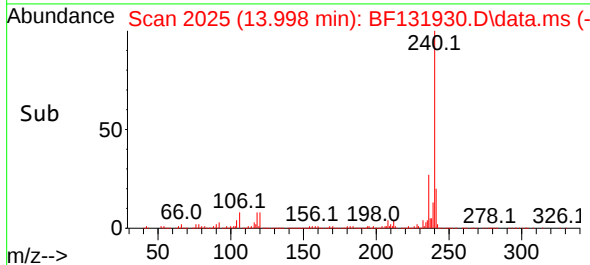
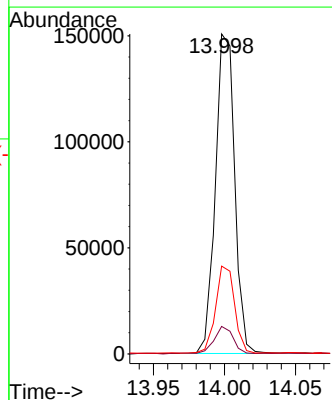
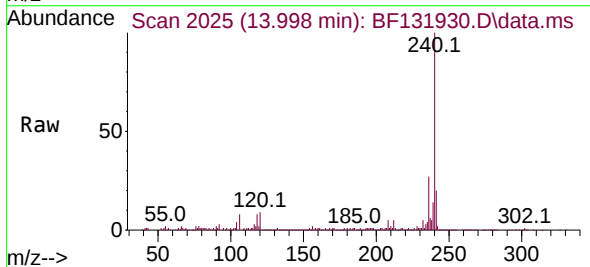
Instrument :
BNA_F
ClientSampleId :
TP-4

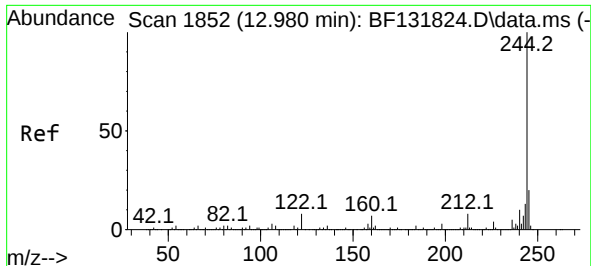
Tgt Ion:188 Resp: 199899
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:240 Resp: 142724
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 27.4 20.6 31.0

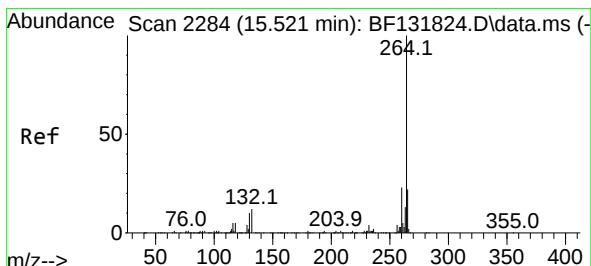
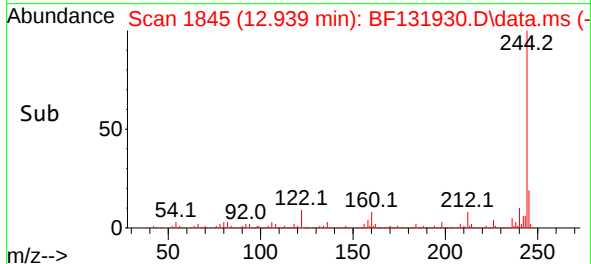
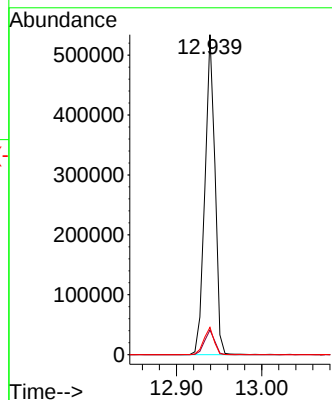
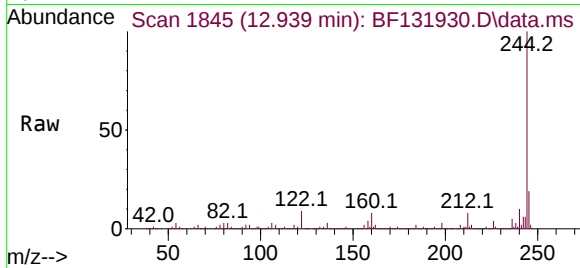




#79
 Terphenyl-d14
 Concen: 51.638 ng
 RT: 12.939 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131930.D
 Acq: 05 Jan 2023 23:16

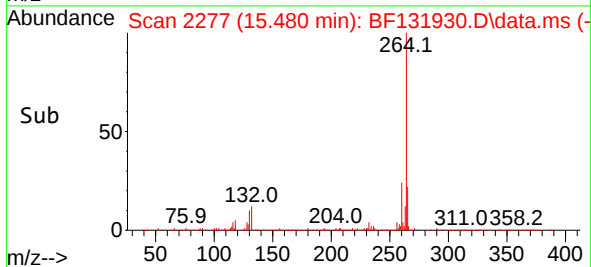
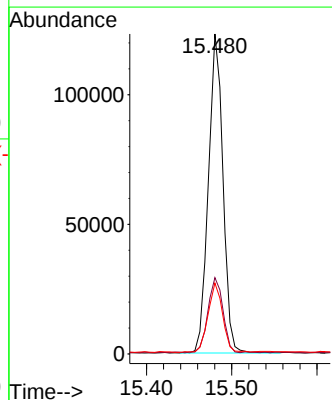
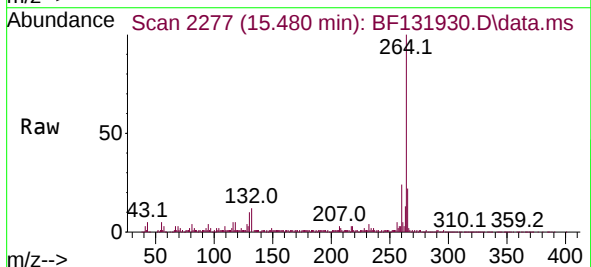
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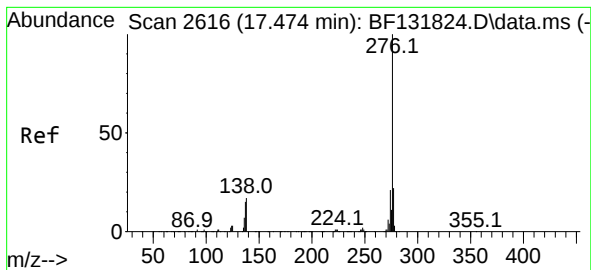
Tgt Ion:244 Resp: 435702
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.5 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF131930.D
 Acq: 05 Jan 2023 23:16

Tgt Ion:264 Resp: 146384
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.1 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.564 ng

RT: 17.398 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131930.D

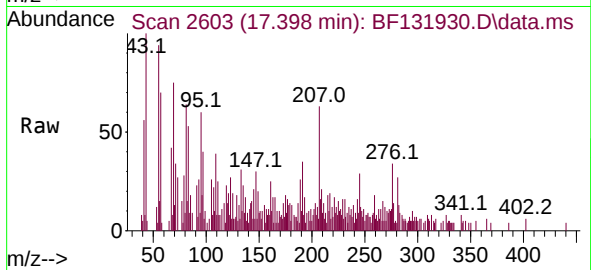
Acq: 05 Jan 2023 23:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 3200

Ion Ratio Lower Upper

276 100

277 41.5 17.9 26.9#

138 15.9 13.7 20.5

