

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131945.D
 Acq On : 06 Jan 2023 17:24
 Operator : CG\JU
 Sample : 01029-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-204

Quant Time: Jan 07 00:22:58 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 23:58:27 2023
 Response via : Initial Calibration

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

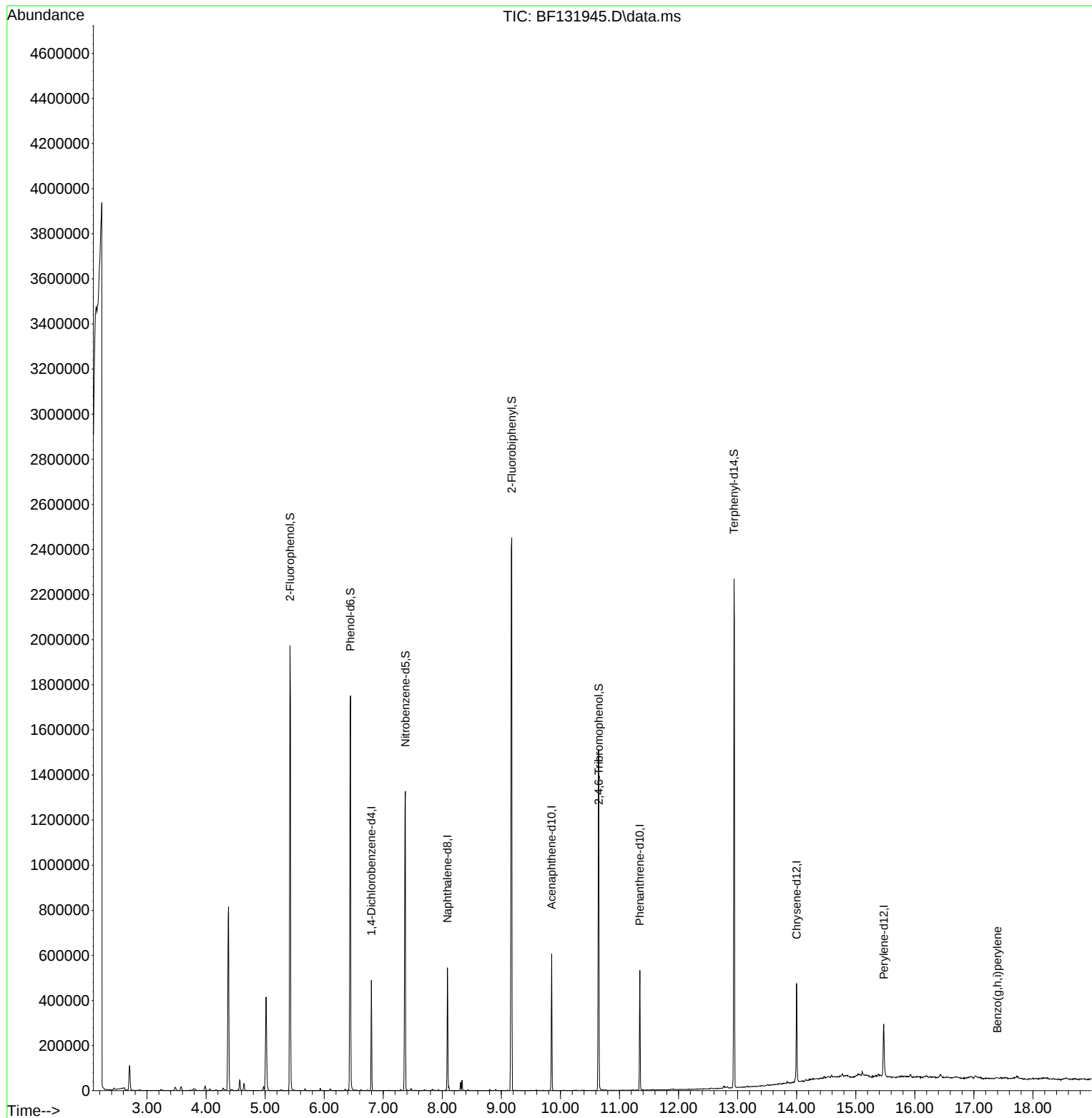
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	60235	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	210893	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	104876	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	172551	20.000	ng	0.00
76) Chrysene-d12	13.998	240	137131	20.000	ng	0.00
86) Perylene-d12	15.474	264	101327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	516409	142.077	ng	0.02
7) Phenol-d6	6.445	99	607745	127.268	ng	0.00
23) Nitrobenzene-d5	7.375	82	489979	92.761	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	156535	137.374	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	823708	107.580	ng	0.00
79) Terphenyl-d14	12.939	244	795999	98.187	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.398	276	2294	5.575	ng	Qvalue # 81

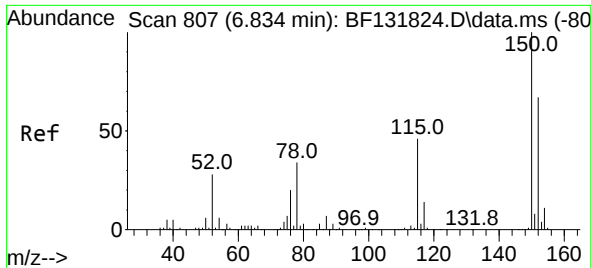
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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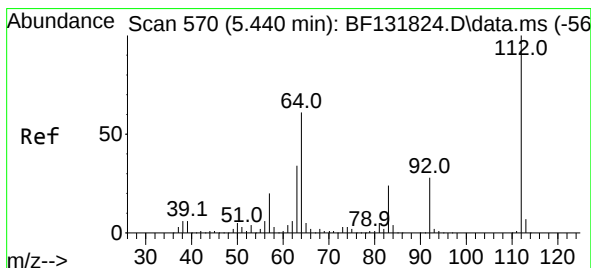
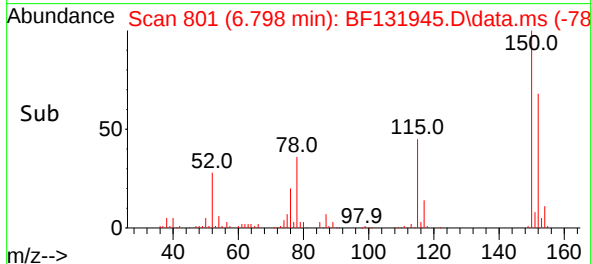
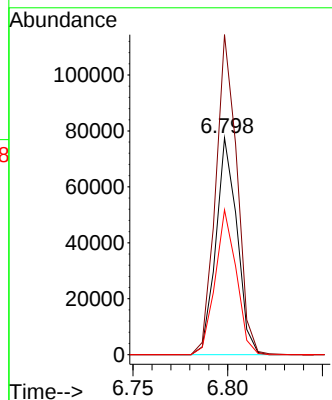
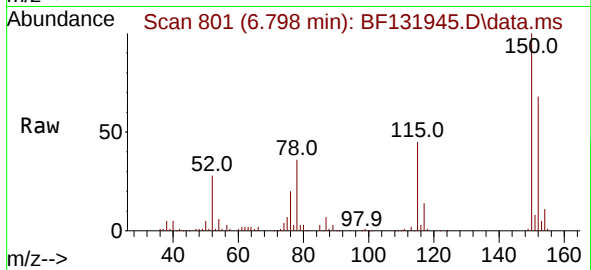




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

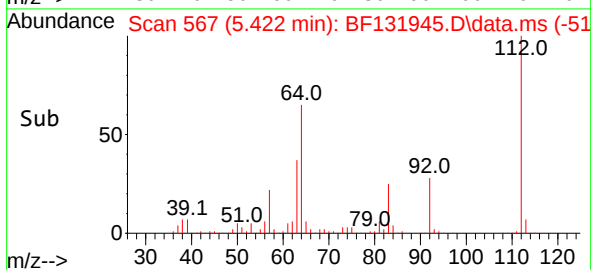
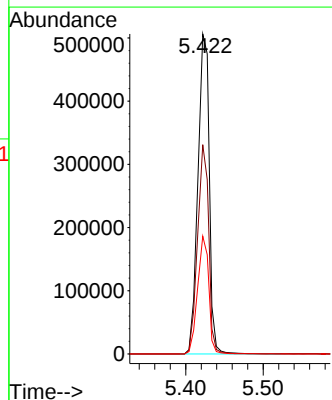
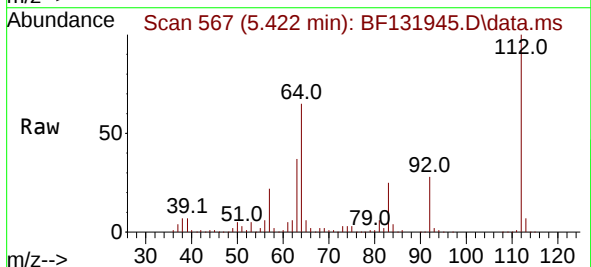
Instrument :
BNA_F
ClientSampleId :
TP-204

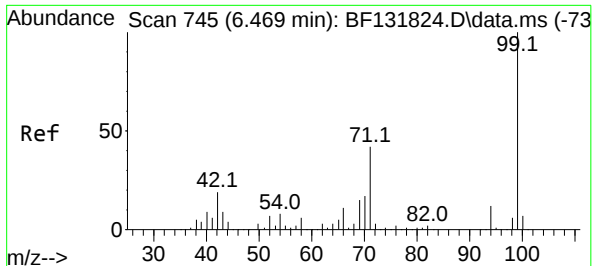
Tgt Ion:152 Resp: 60235
Ion Ratio Lower Upper
152 100
150 147.6 120.0 180.0
115 66.8 55.1 82.7



#5
2-Fluorophenol
Concen: 142.077 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.023 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

Tgt Ion:112 Resp: 516409
Ion Ratio Lower Upper
112 100
64 65.4 49.2 73.8
63 36.8 27.5 41.3

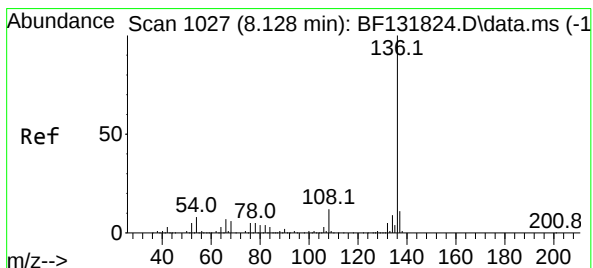
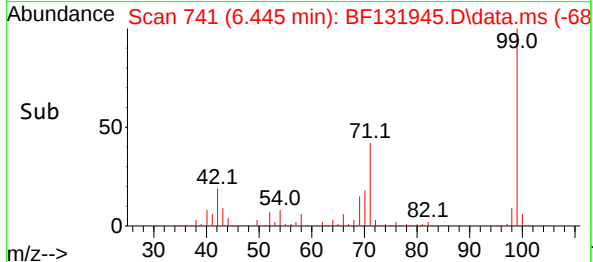
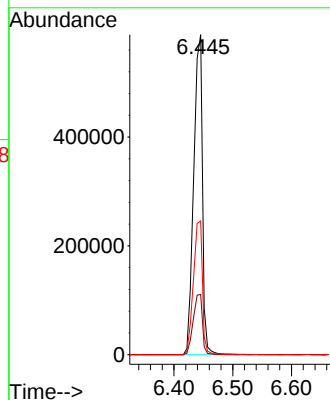
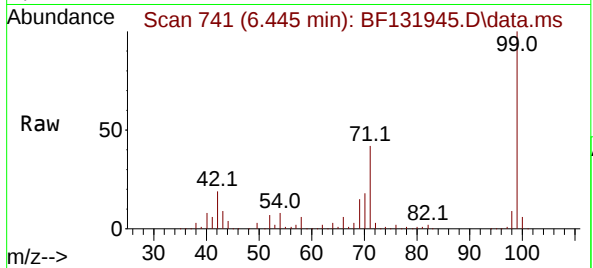




#7
Phenol-d6
Concen: 127.268 ng
RT: 6.445 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

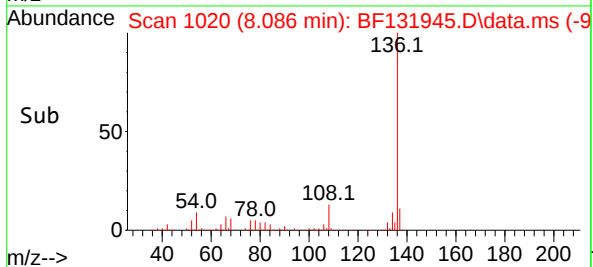
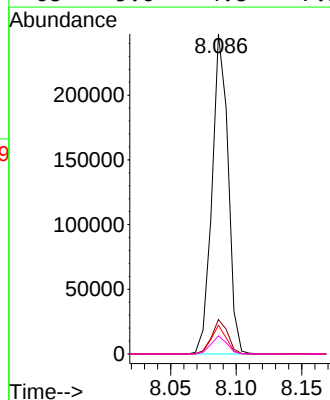
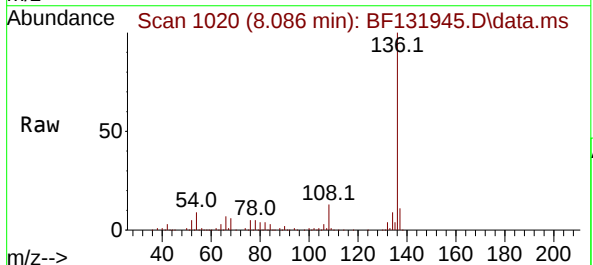
Instrument :
BNA_F
ClientSampleId :
TP-204

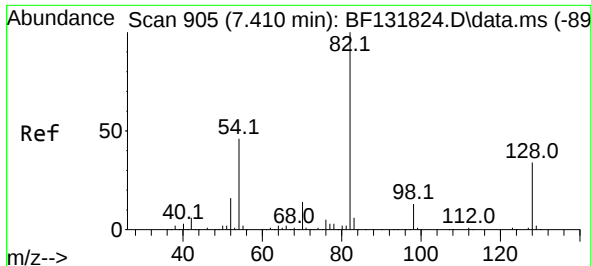
Tgt Ion: 99 Resp: 607745
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 41.8 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 136 Resp: 210893
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.7 10.1
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.761 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF131945.D

Acq: 06 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

TP-204

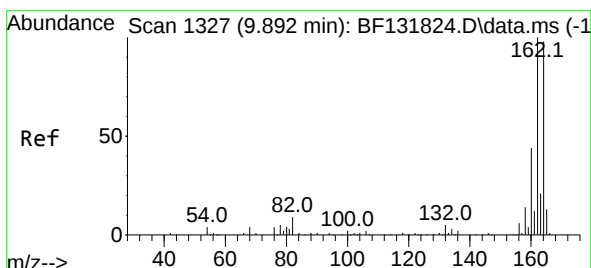
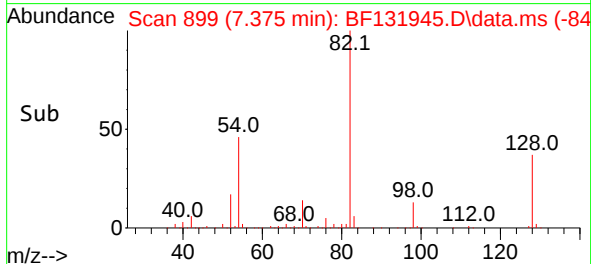
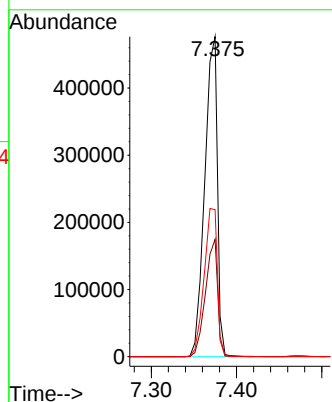
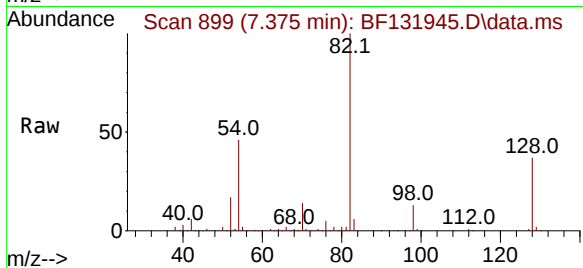
Tgt Ion: 82 Resp: 489979

Ion Ratio Lower Upper

82 100

128 36.6 27.1 40.7

54 46.0 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF131945.D

Acq: 06 Jan 2023 17:24

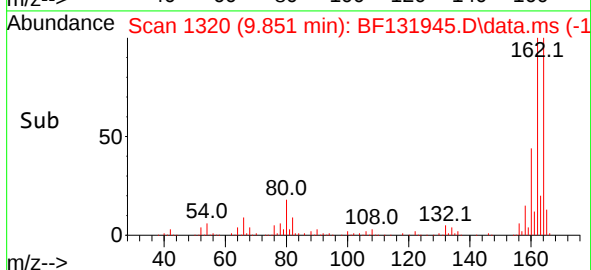
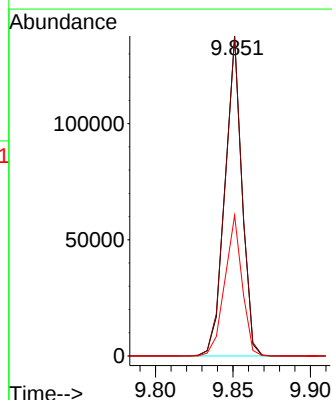
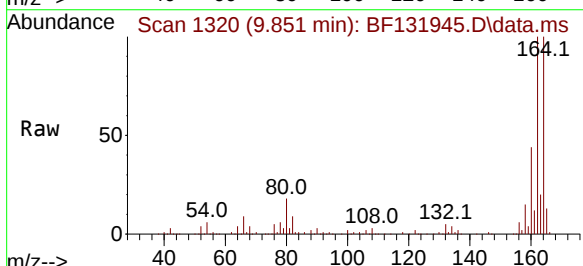
Tgt Ion:164 Resp: 104876

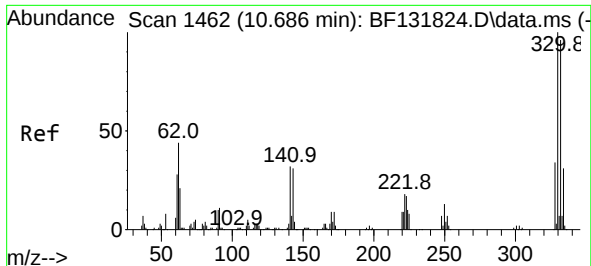
Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.6

160 44.0 35.7 53.5

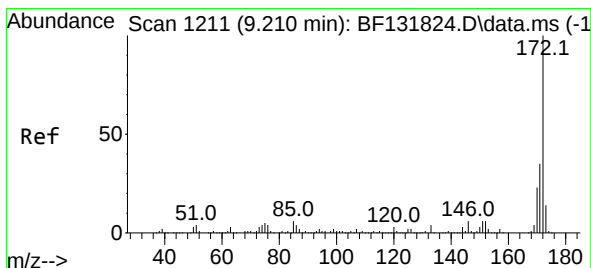
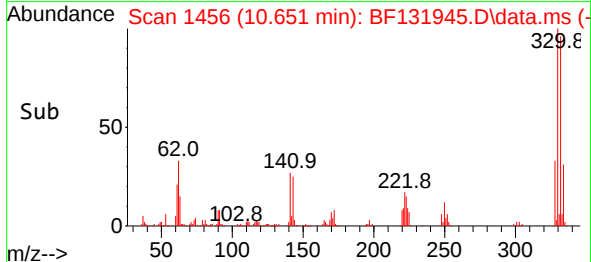
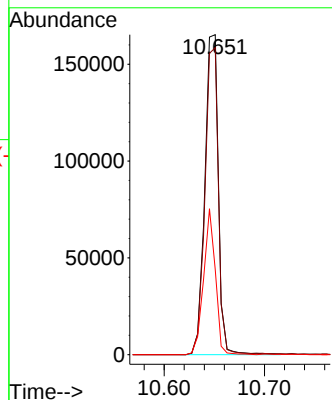
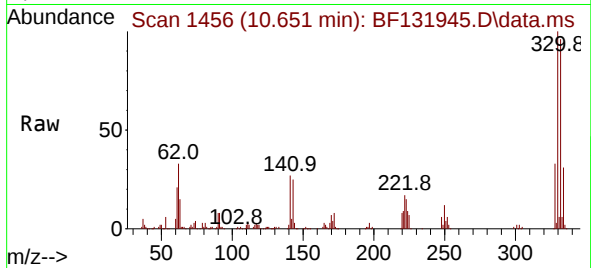




#42
2,4,6-Tribromophenol
Concen: 137.374 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

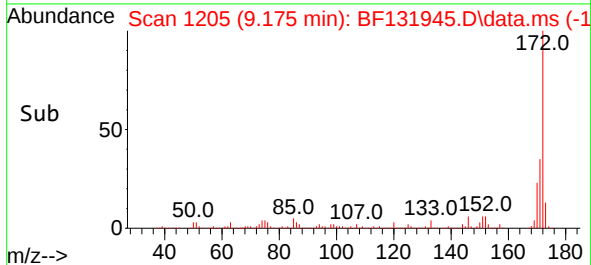
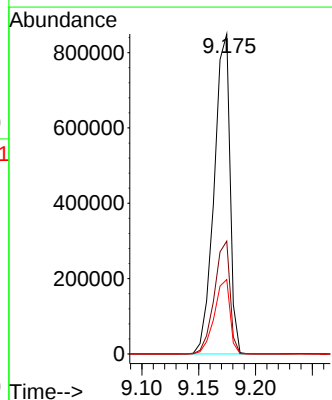
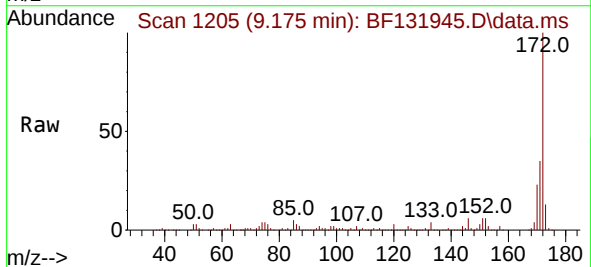
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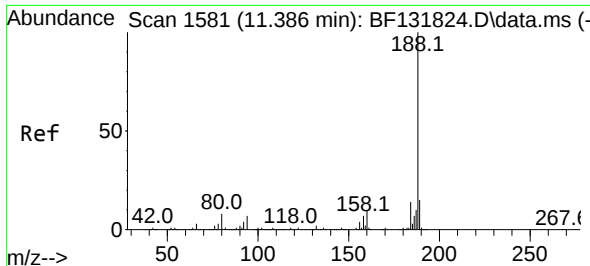
Tgt Ion:330 Resp: 156535
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 39.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 107.580 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

Tgt Ion:172 Resp: 823708
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.2 18.7 28.1

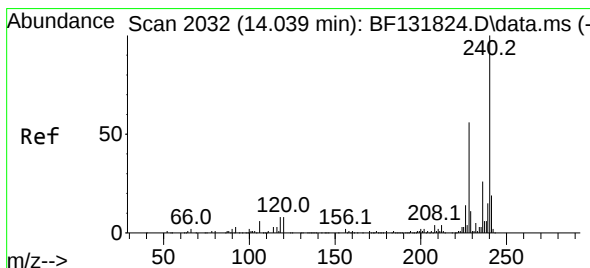
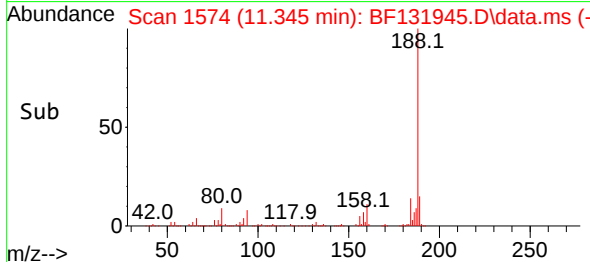
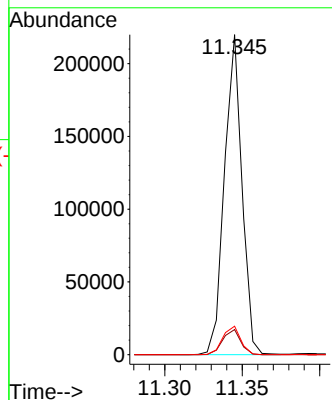
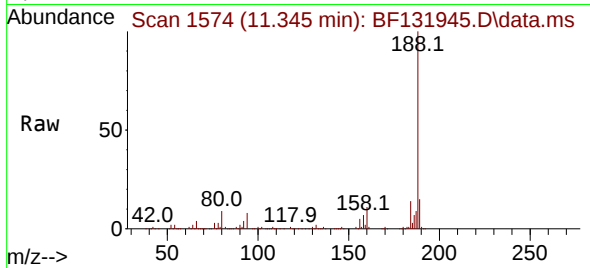




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

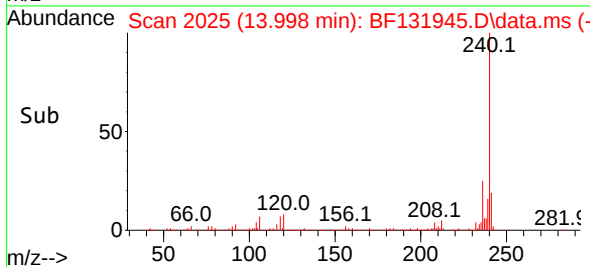
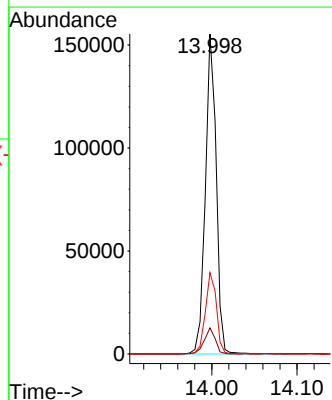
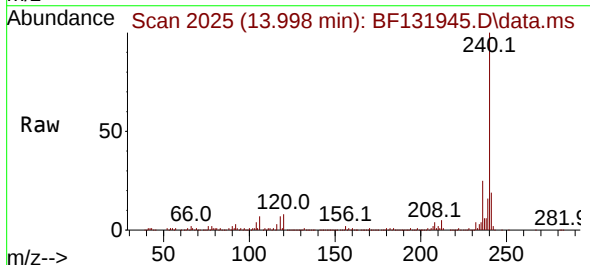
Instrument :
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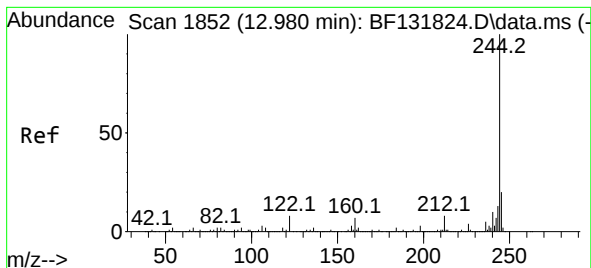
Tgt Ion:188 Resp: 172551
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 8.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF131945.D
Acq: 06 Jan 2023 17:24

Tgt Ion:240 Resp: 137131
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 98.187 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131945.D

Acq: 06 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

TP-204

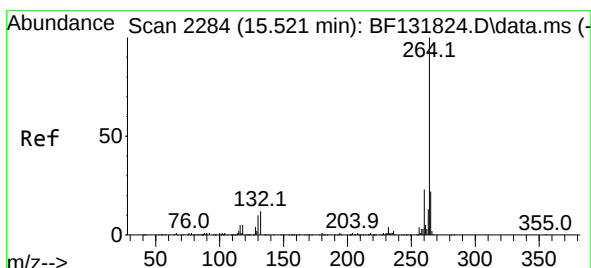
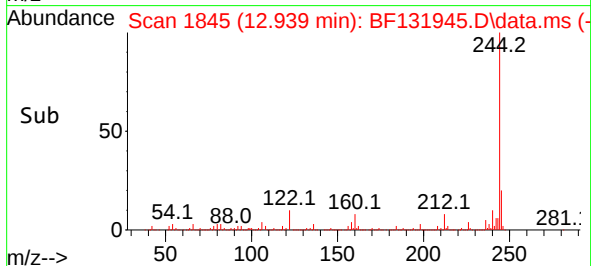
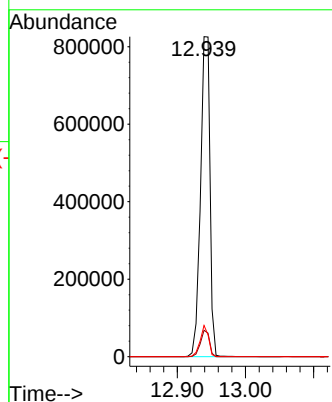
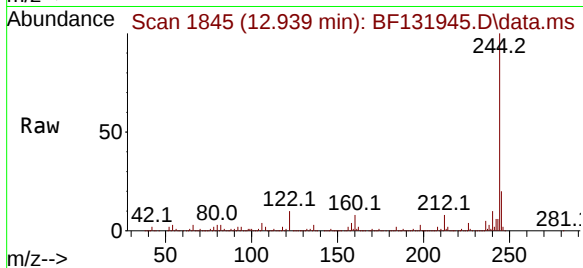
Tgt Ion:244 Resp: 795999

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.8 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF131945.D

Acq: 06 Jan 2023 17:24

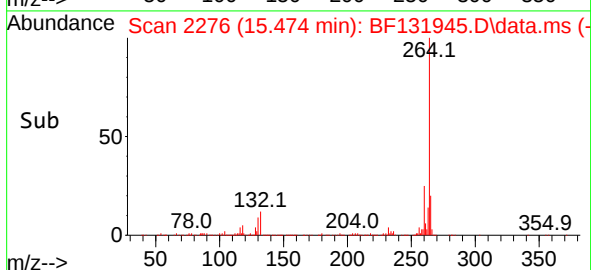
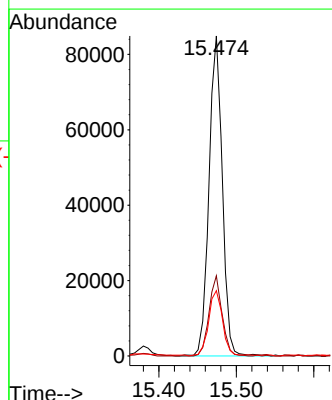
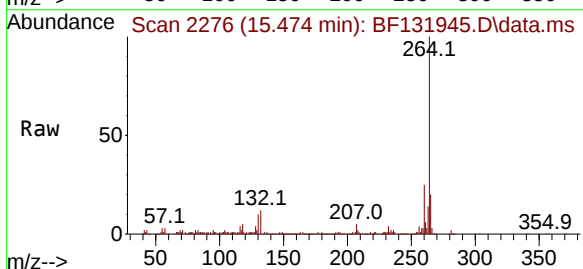
Tgt Ion:264 Resp: 101327

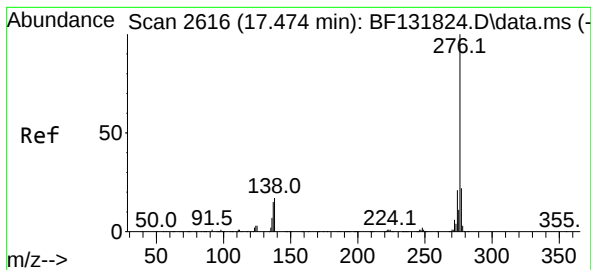
Ion Ratio Lower Upper

264 100

260 25.1 18.6 28.0

265 20.4 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.575 ng

RT: 17.398 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF131945.D

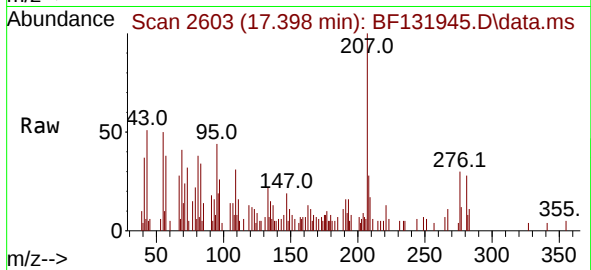
Acq: 06 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 2294

Ion Ratio Lower Upper

276 100

277 38.0 17.9 26.9#

138 17.9 13.7 20.5

