

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131265.D
 Acq On : 16 Nov 2022 15:04
 Operator : CG\JU
 Sample : PB149098BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149098BL

Quant Time: Nov 16 22:15:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	96729	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	370150	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	215368	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	388199	20.000	ng	0.00
76) Chrysene-d12	14.180	240	291768	20.000	ng	0.00
86) Perylene-d12	15.727	264	213307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	493062	90.262	ng	0.01
7) Phenol-d6	6.586	99	623078	90.056	ng	0.00
23) Nitrobenzene-d5	7.539	82	605351	91.796	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	162163	78.826	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1132660	76.963	ng	0.00
79) Terphenyl-d14	13.127	244	1303466	76.719	ng	0.00

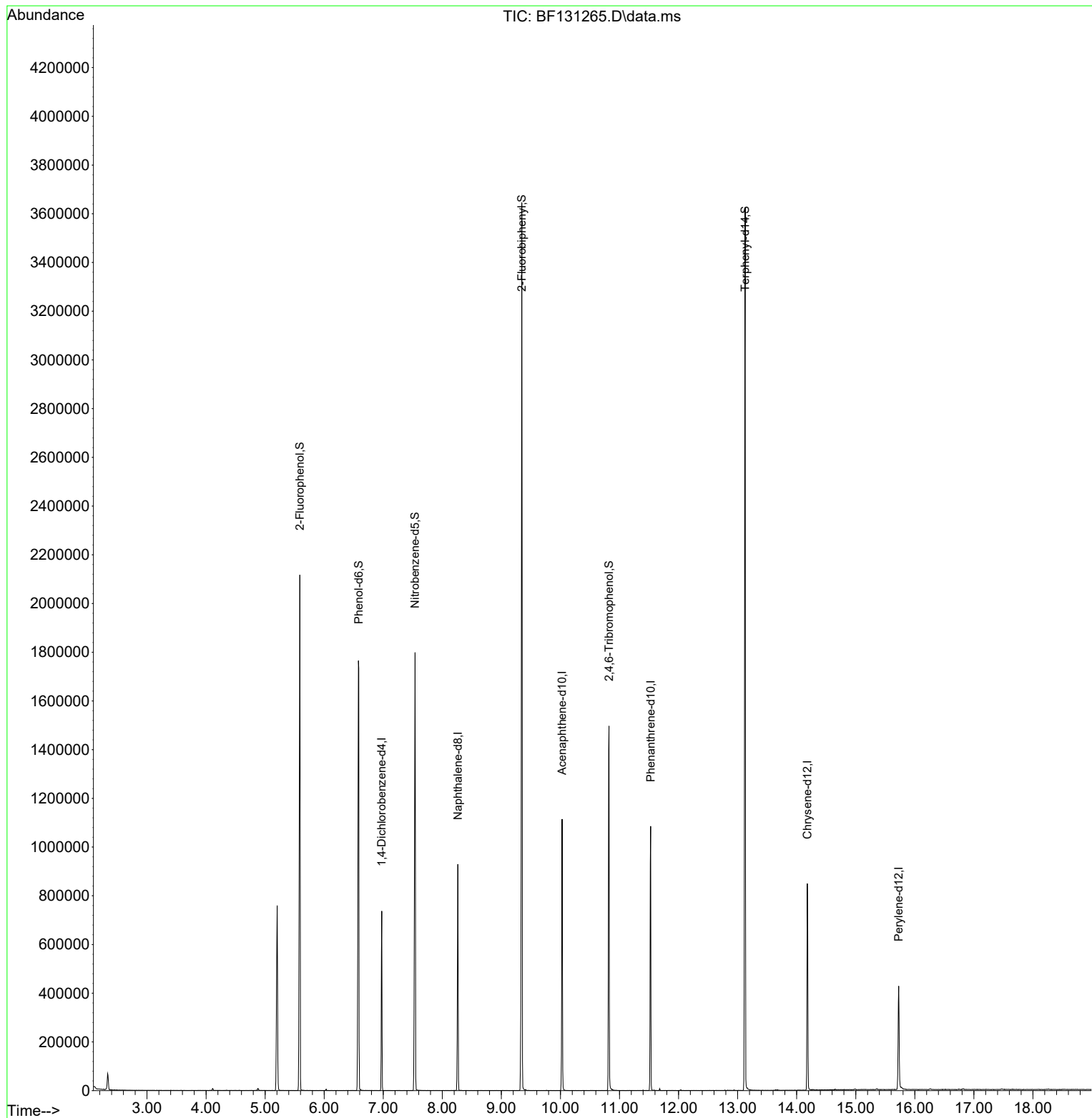
Target Compounds	Qvalue

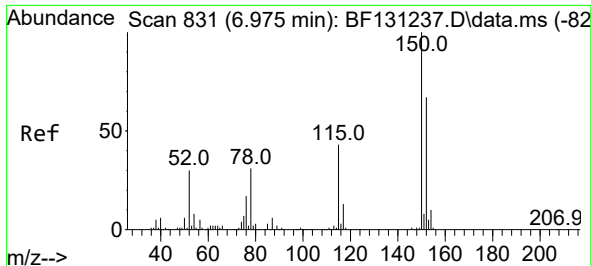
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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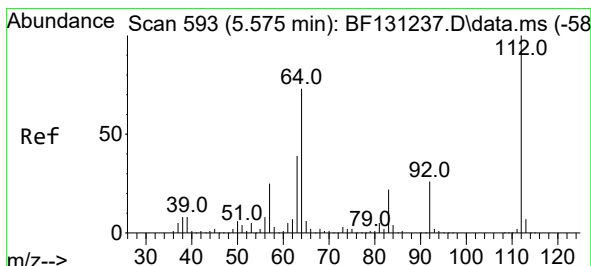
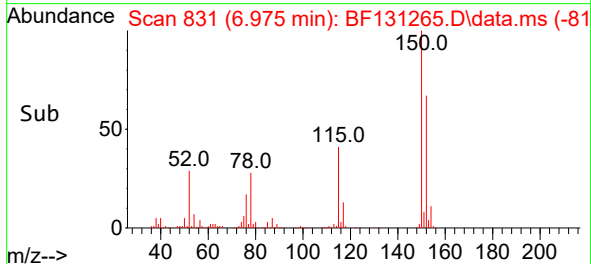
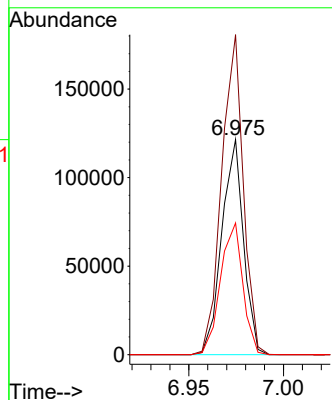
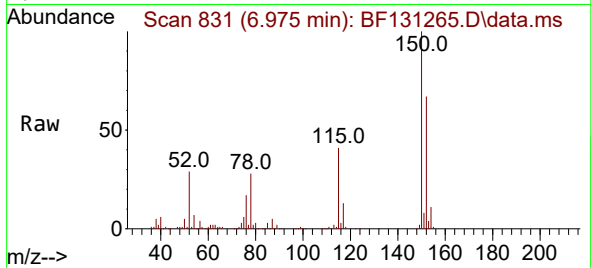




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

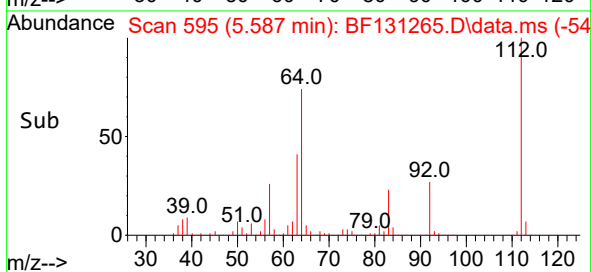
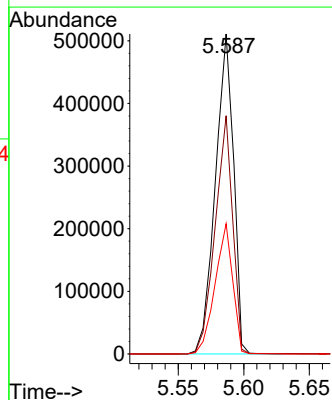
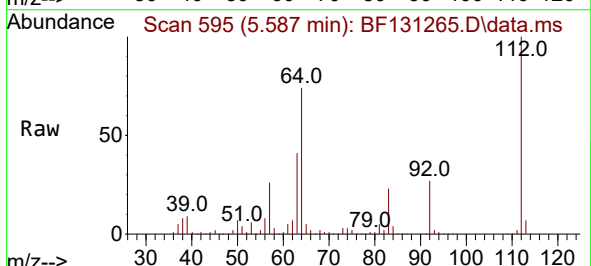
Instrument :
BNA_F
ClientSampleId :
PB149098BL

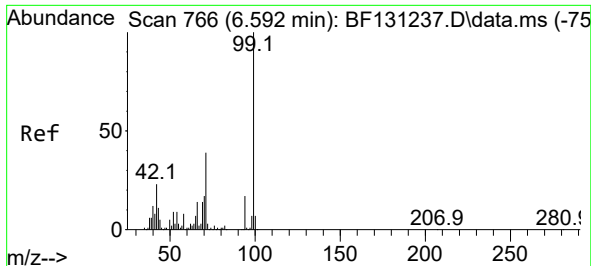
Tgt Ion:152 Resp: 96729
Ion Ratio Lower Upper
152 100
150 148.7 120.2 180.4
115 61.2 51.8 77.8



#5
2-Fluorophenol
Concen: 90.262 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.012 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

Tgt Ion:112 Resp: 493062
Ion Ratio Lower Upper
112 100
64 74.4 58.4 87.6
63 40.7 31.6 47.4

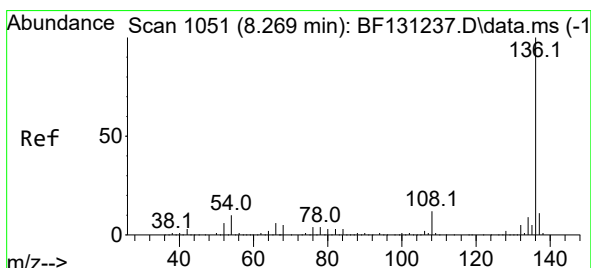
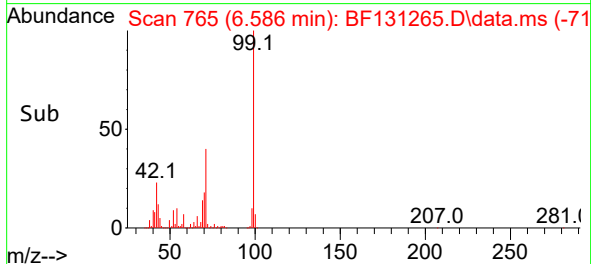
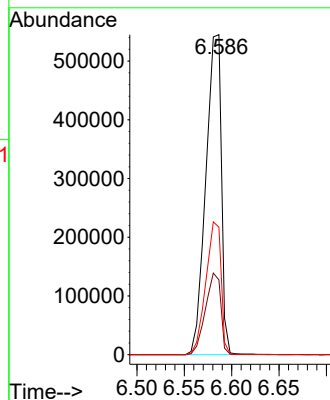
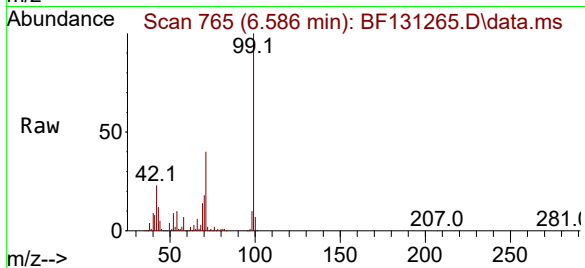




#7
Phenol-d6
Concen: 90.056 ng
RT: 6.586 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

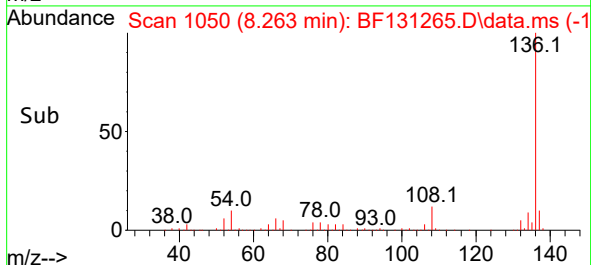
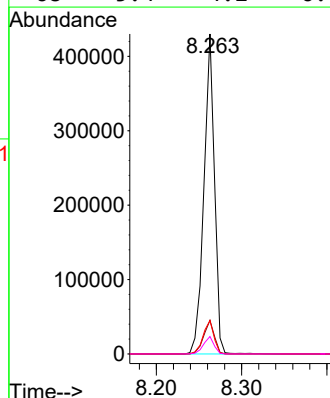
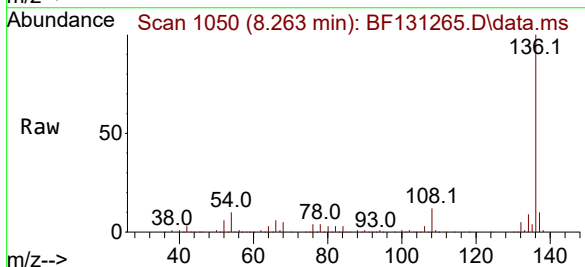
Instrument :
BNA_F
ClientSampleId :
PB149098BL

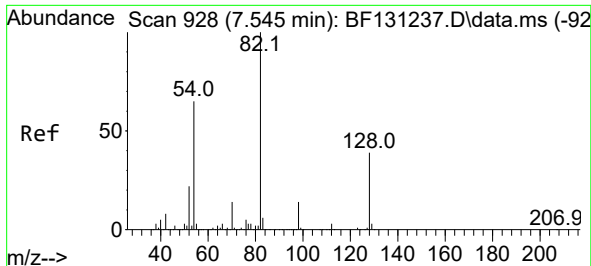
Tgt Ion: 99 Resp: 623078
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 39.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

Tgt Ion: 136 Resp: 370150
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.5 7.8 11.8
68 5.4 4.2 6.4

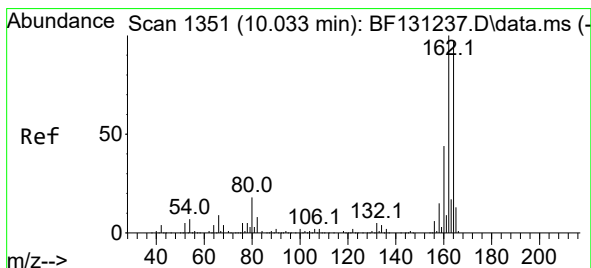
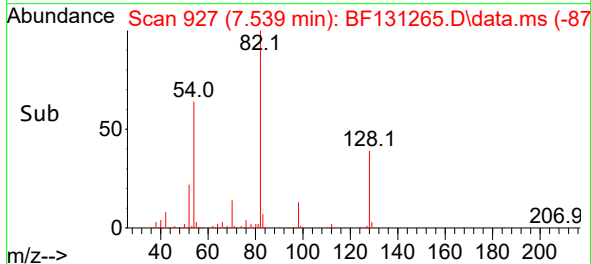
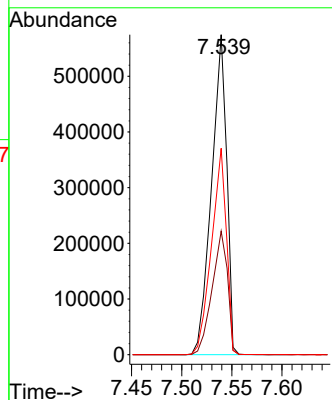
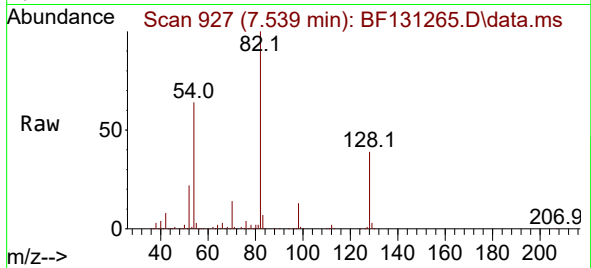




#23
Nitrobenzene-d5
Concen: 91.796 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

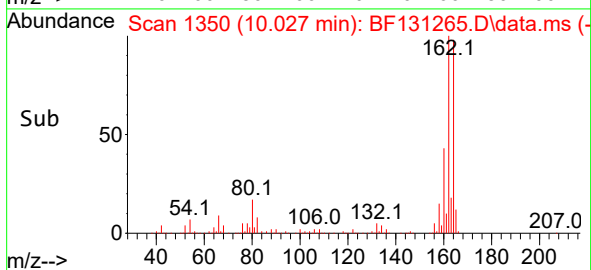
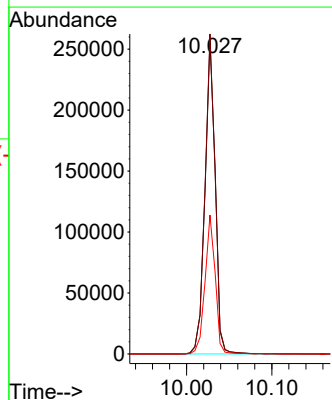
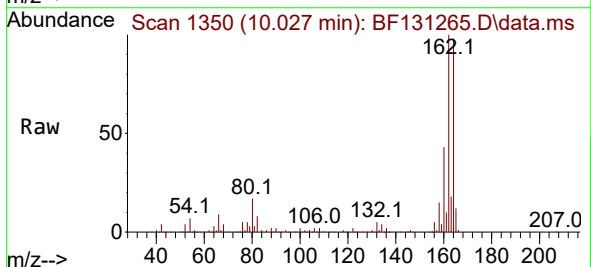
Instrument :
BNA_F
ClientSampleId :
PB149098BL

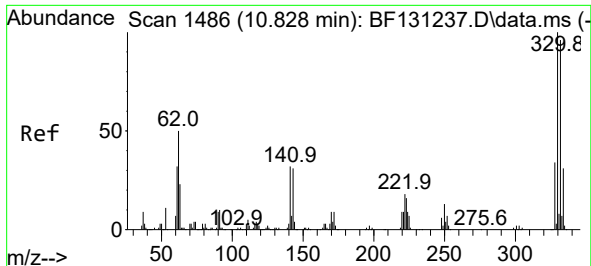
Tgt Ion: 82 Resp: 605351
Ion Ratio Lower Upper
82 100
128 38.6 31.1 46.7
54 64.5 51.8 77.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

Tgt Ion: 164 Resp: 215368
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 78.826 ng

RT: 10.822 min Scan# 1486

Delta R.T. -0.006 min

Lab File: BF131265.D

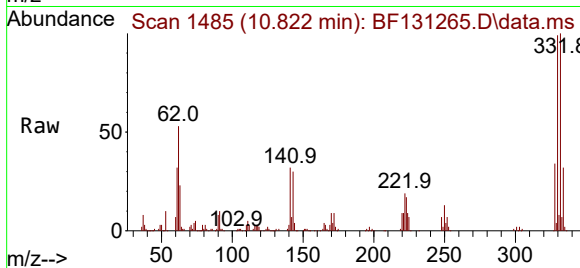
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Instrument :

BNA_F

ClientSampleId :

PB149098BL



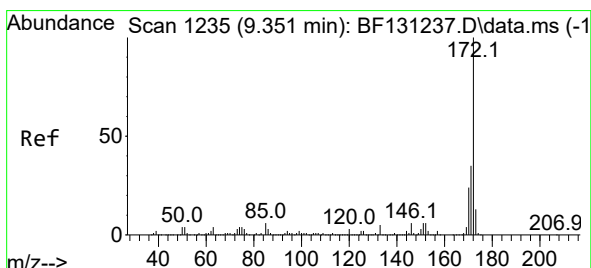
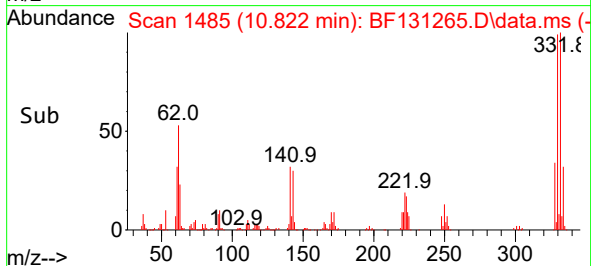
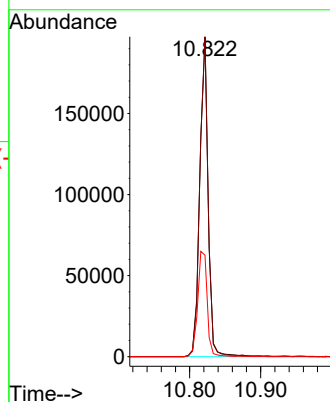
Tgt Ion:330 Resp: 162163

Ion Ratio Lower Upper

330 100

332 99.4 76.8 115.2

141 37.6 29.6 44.4



#45

2-Fluorobiphenyl

Concen: 76.963 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF131265.D

Acq: 16 Nov 2022 15:04

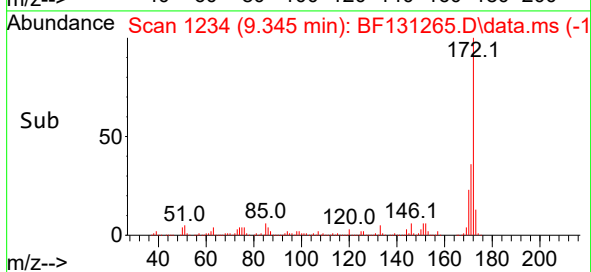
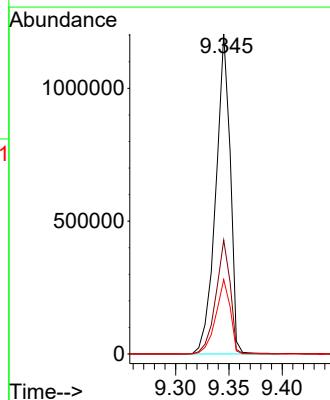
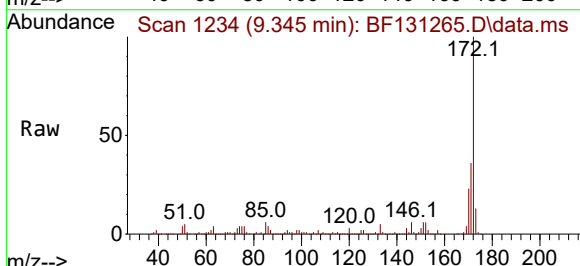
Tgt Ion:172 Resp: 1132660

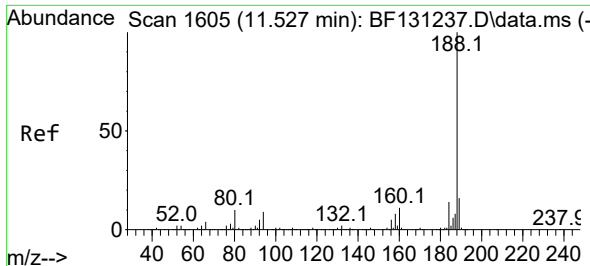
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.3 18.8 28.2

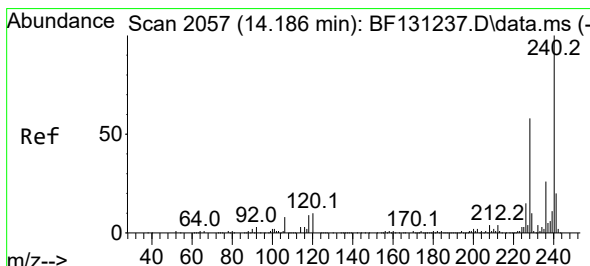
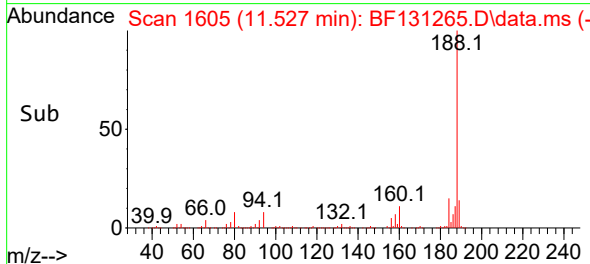
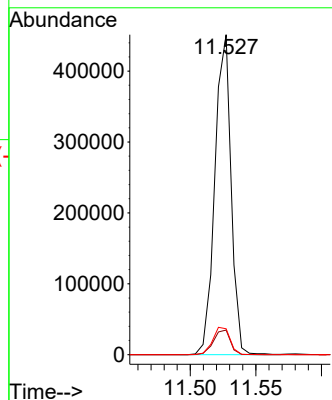
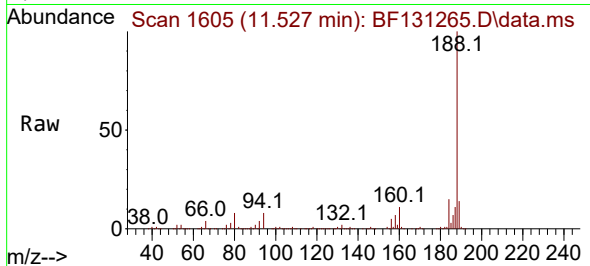




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

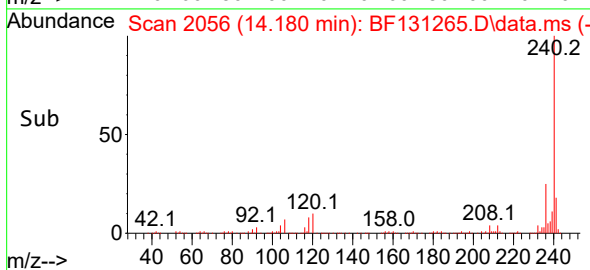
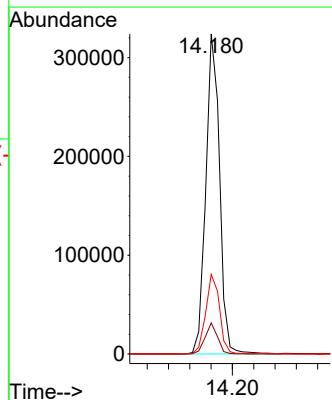
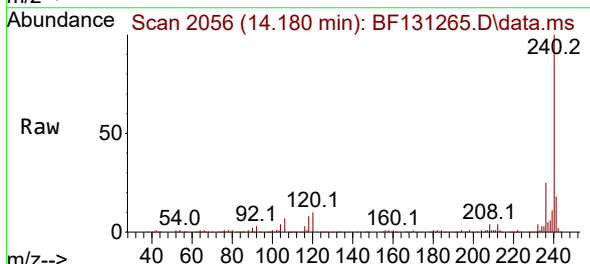
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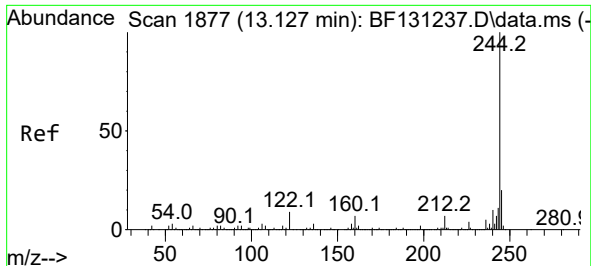
Tgt Ion:188 Resp: 388199
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131265.D
Acq: 16 Nov 2022 15:04

Tgt Ion:240 Resp: 291768
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 24.9 20.6 31.0

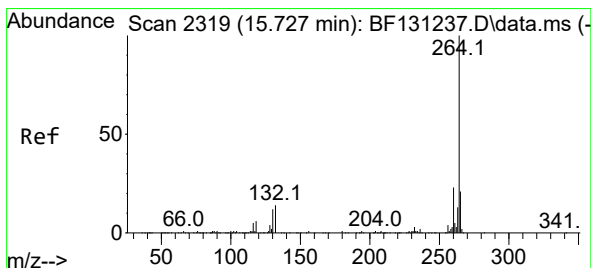
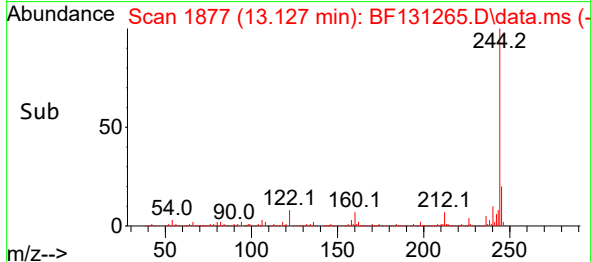
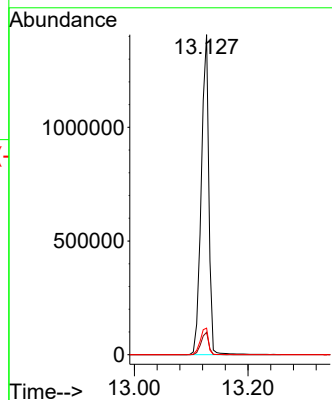
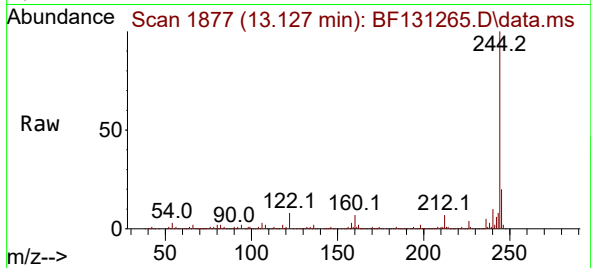




#79
 Terphenyl-d14
 Concen: 76.719 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131265.D
 Acq: 16 Nov 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB149098BL

Tgt Ion:244 Resp: 1303466
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2319
 Delta R.T. -0.000 min
 Lab File: BF131265.D
 Acq: 16 Nov 2022 15:04

Tgt Ion:264 Resp: 213307
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.3 16.6 24.8

