

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135544.D
 Acq On : 03 Oct 2023 16:05
 Operator : CG\JU
 Sample : PB155919BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155919BL

Quant Time: Oct 04 07:02:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	151073	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	591322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	295273	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	576193	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	355563	20.000	ng	0.00
86) Perylene-d12	15.380	264	279035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1320767	142.193	ng	0.02
7) Phenol-d6	6.393	99	1671651	141.535	ng	0.00
23) Nitrobenzene-d5	7.304	82	1074404	98.714	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	370367	126.220	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1746489	89.238	ng	0.00
79) Terphenyl-d14	12.869	244	1795335	78.273	ng	0.00

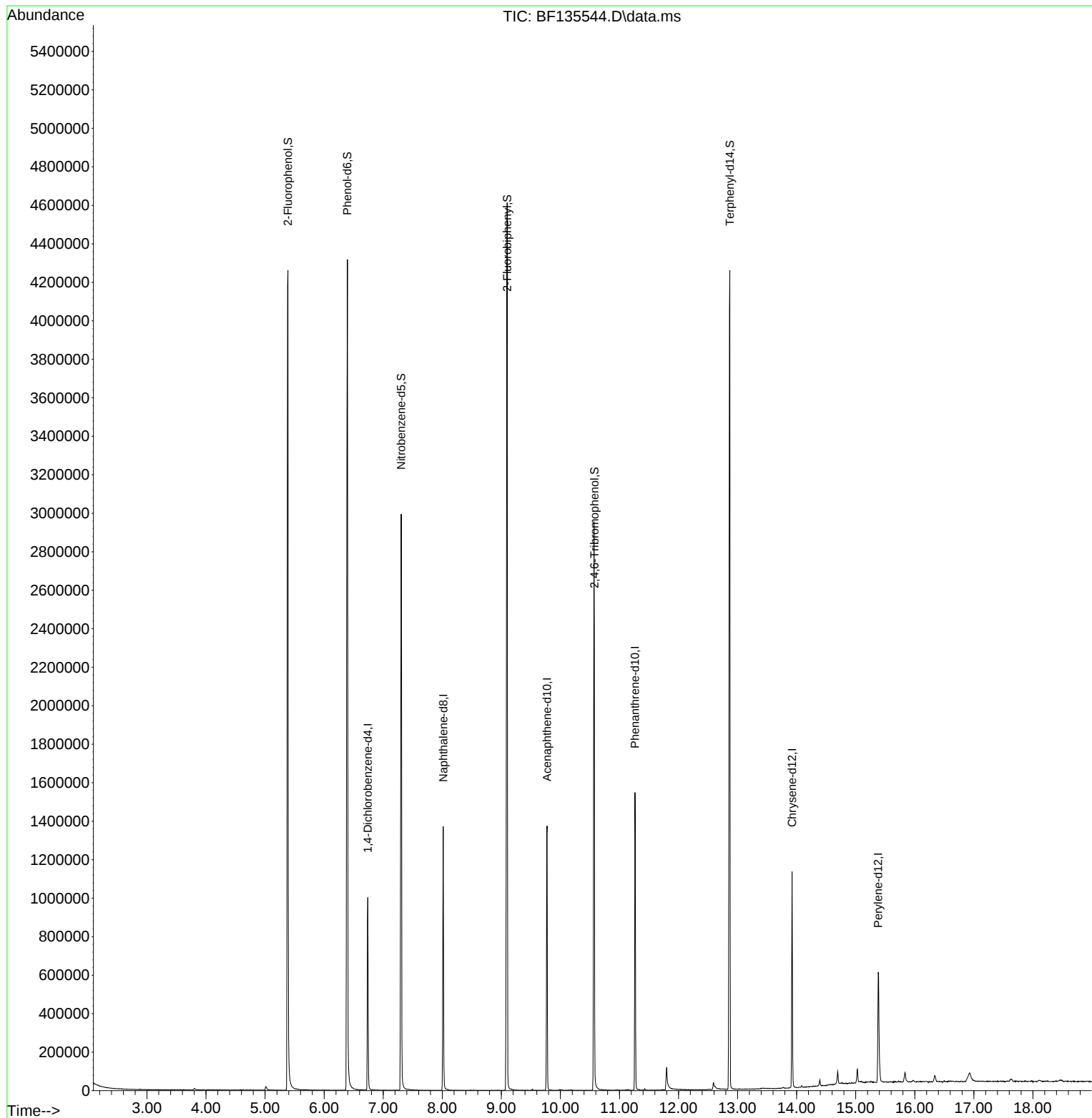
Target Compounds	Qvalue

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

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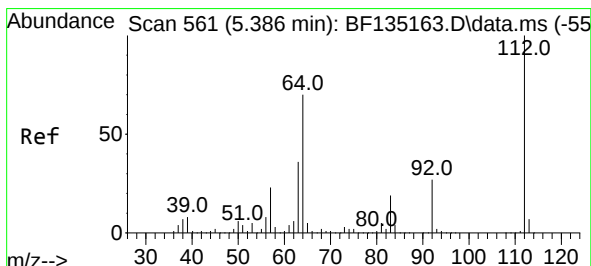
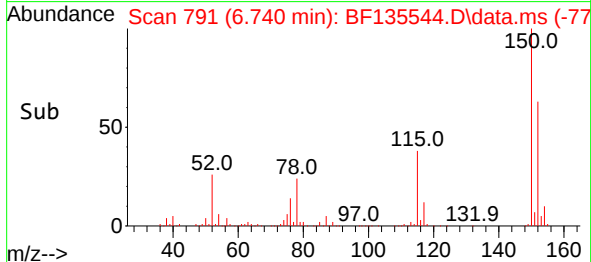
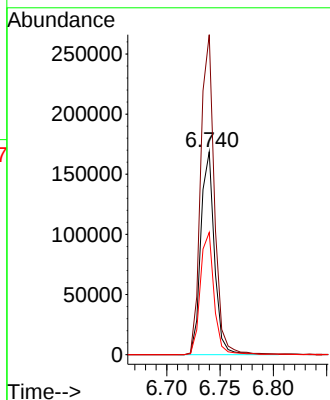
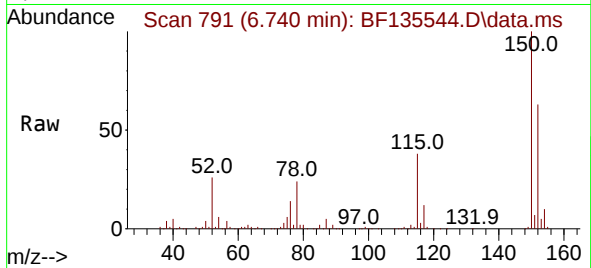




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

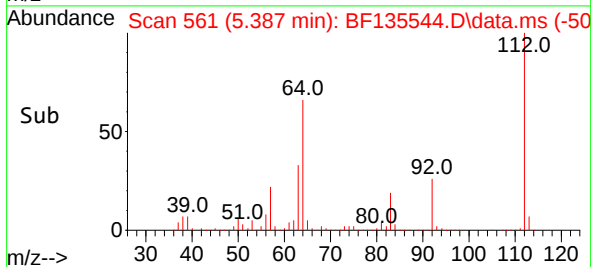
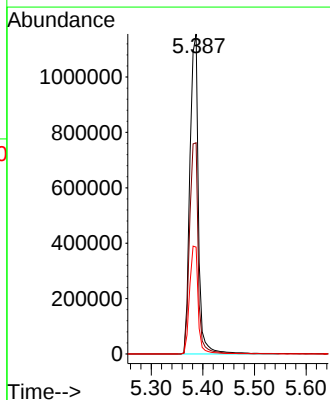
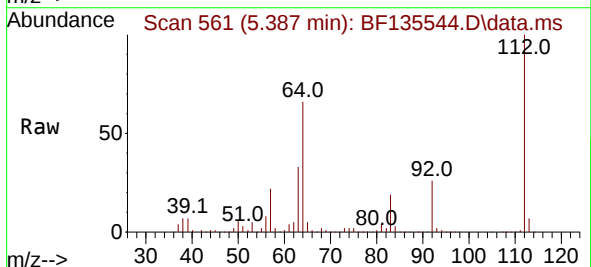
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion:152 Resp: 151073
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 142.193 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:112 Resp: 1320767
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 33.4 29.0 43.6





#7

Phenol-d6

Concen: 141.535 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Instrument :

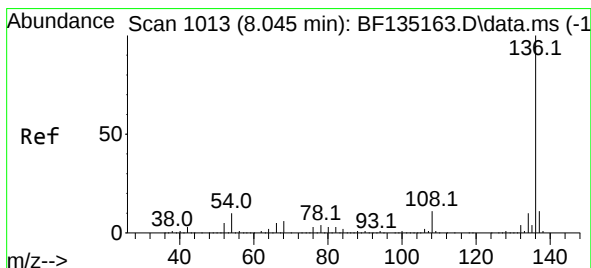
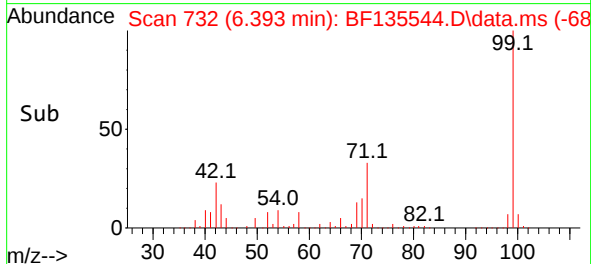
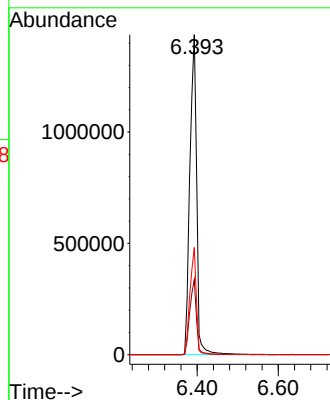
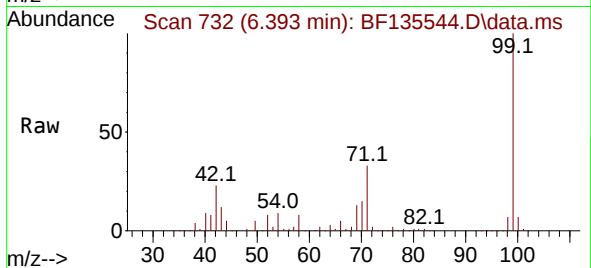
BNA_F

ClientSampleId :

PB155919BL

Tgt Ion: 99 Resp: 1671651

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	33.5	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

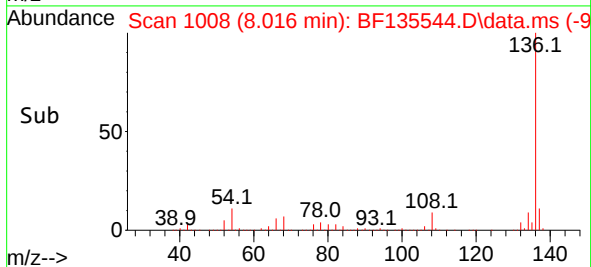
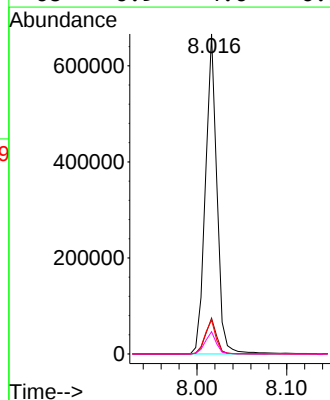
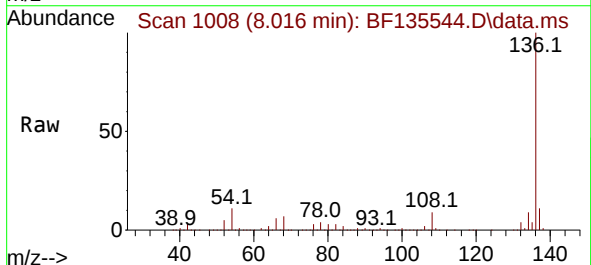
Delta R.T. 0.000 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Tgt Ion: 136 Resp: 591322

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.6	7.7	11.5
68	6.9	4.6	6.8

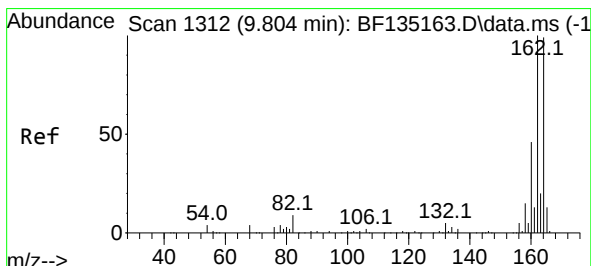
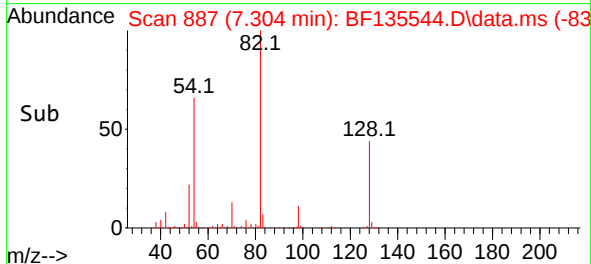
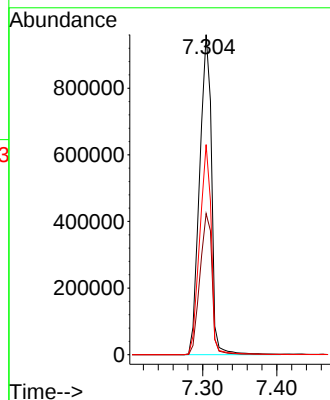
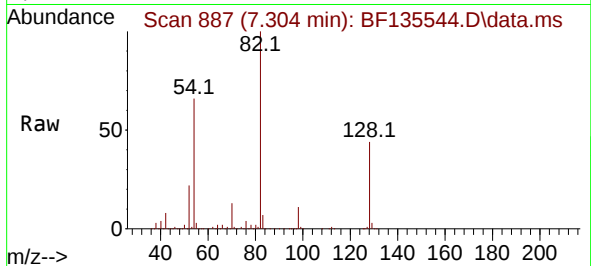




#23
Nitrobenzene-d5
Concen: 98.714 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

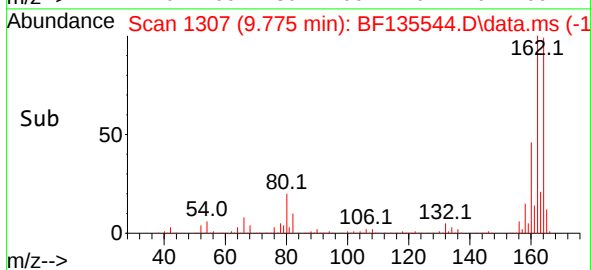
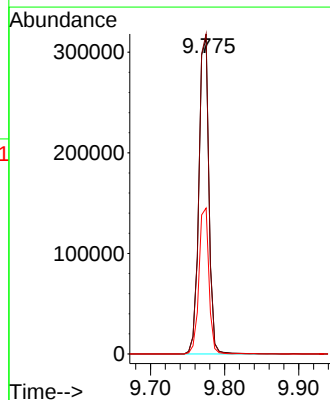
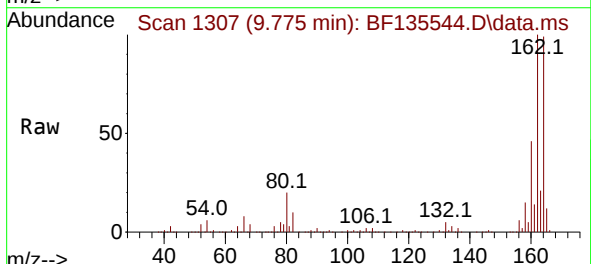
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion: 82 Resp: 1074404
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 65.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:164 Resp: 295273
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 46.2 37.0 55.4

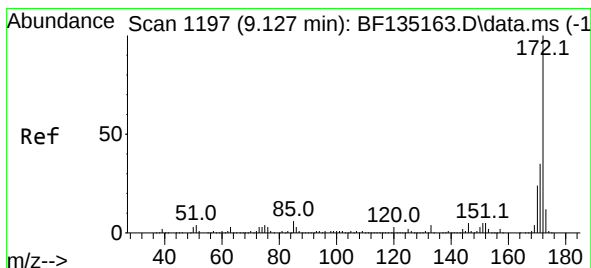
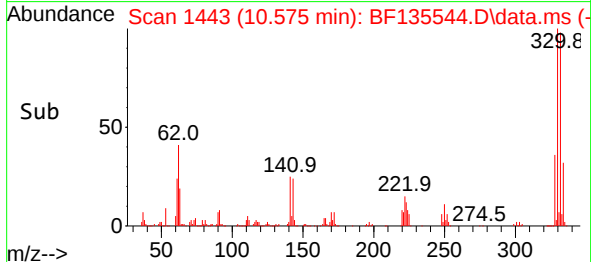
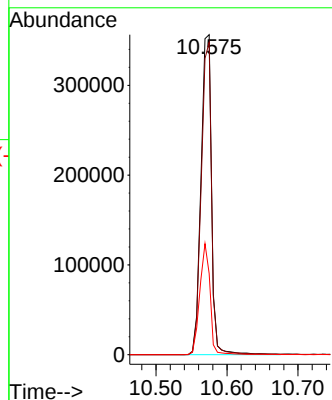
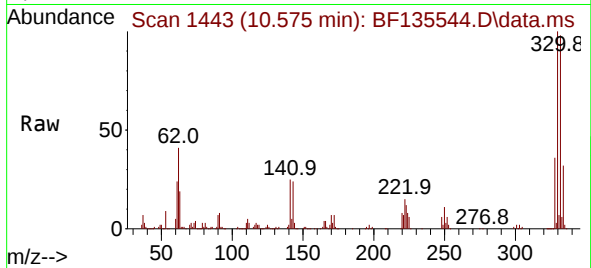




#42
2,4,6-Tribromophenol
Concen: 126.220 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

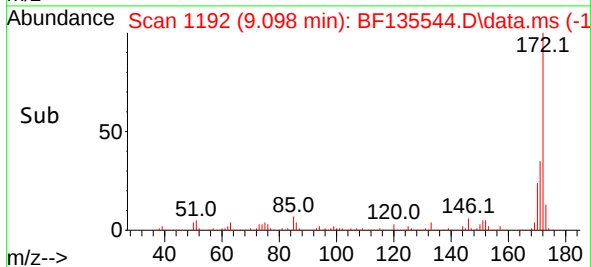
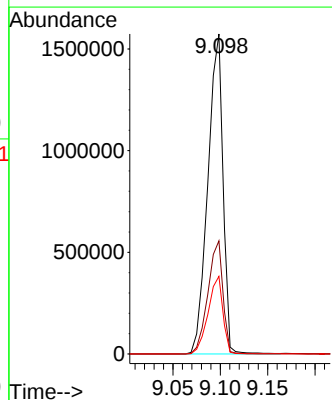
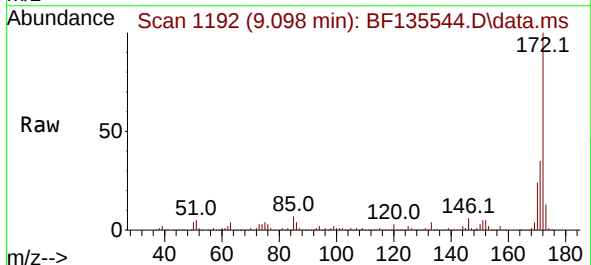
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion:330 Resp: 370367
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 33.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.238 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:172 Resp: 1746489
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Instrument :

BNA_F

ClientSampleId :

PB155919BL

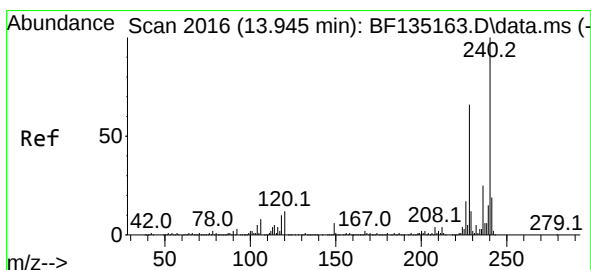
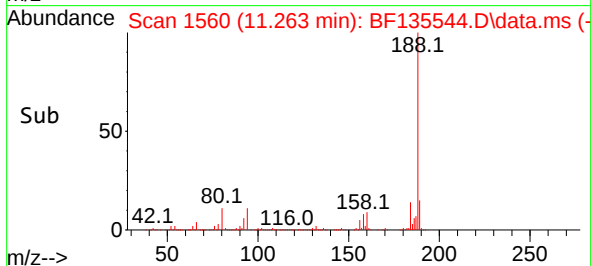
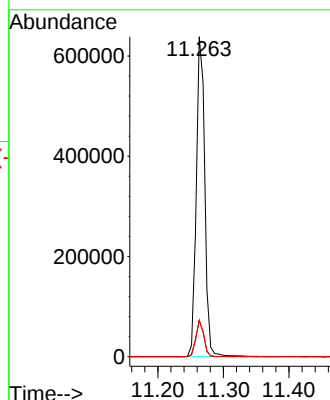
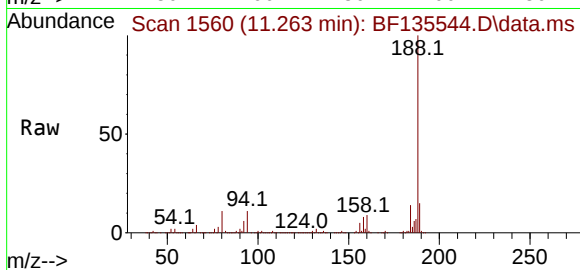
Tgt Ion:188 Resp: 576193

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

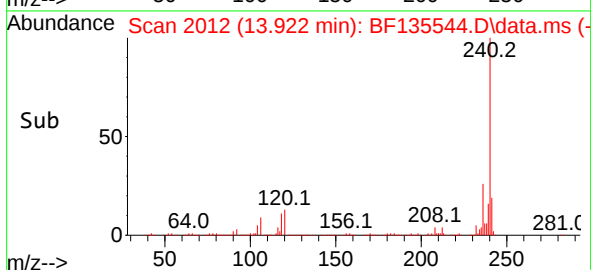
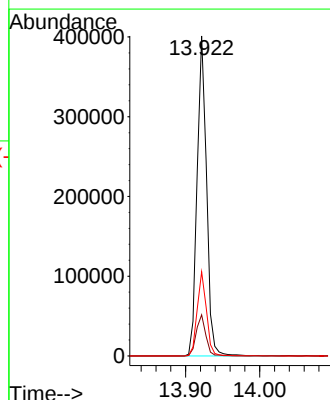
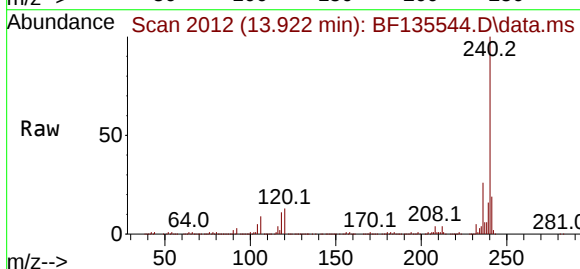
Tgt Ion:240 Resp: 355563

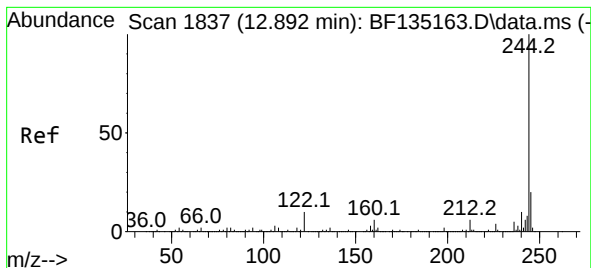
Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 78.273 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Instrument :

BNA_F

ClientSampleId :

PB155919BL

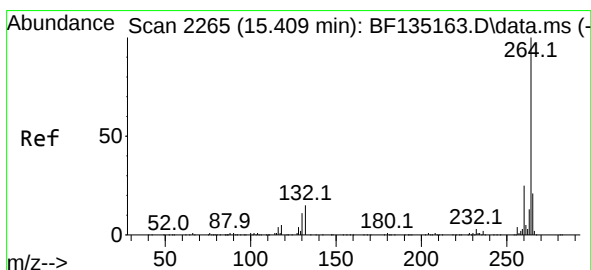
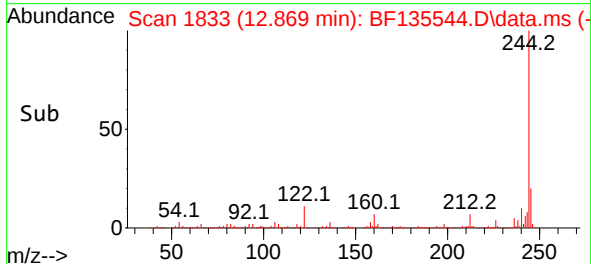
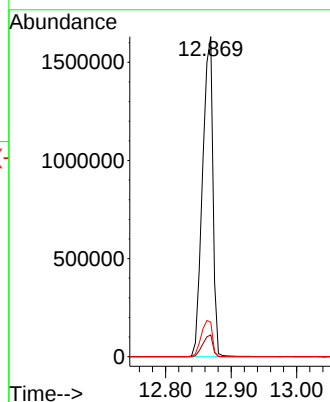
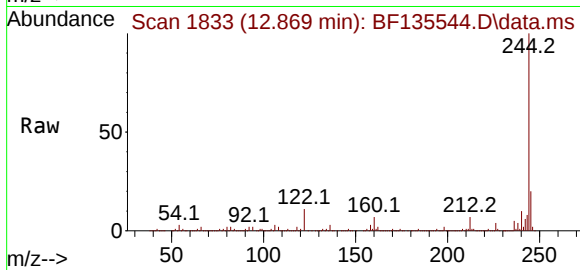
Tgt Ion:244 Resp: 1795335

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 10.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Tgt Ion:264 Resp: 279035

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.8 17.0 25.4

