

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135581.D
 Acq On : 04 Oct 2023 21:14
 Operator : CG\JU
 Sample : 04668-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

Quant Time: Oct 04 23:28:25 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 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	150896	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	589416	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	299073	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	588265	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	303995	20.000	ng	0.00
86) Perylene-d12	15.386	264	289105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1101118	118.685	ng	0.01
7) Phenol-d6	6.387	99	1299076	110.119	ng	0.00
23) Nitrobenzene-d5	7.304	82	918333	84.647	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	350464	117.919	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1575261	79.467	ng	0.00
79) Terphenyl-d14	12.863	244	1714200	87.414	ng	0.00

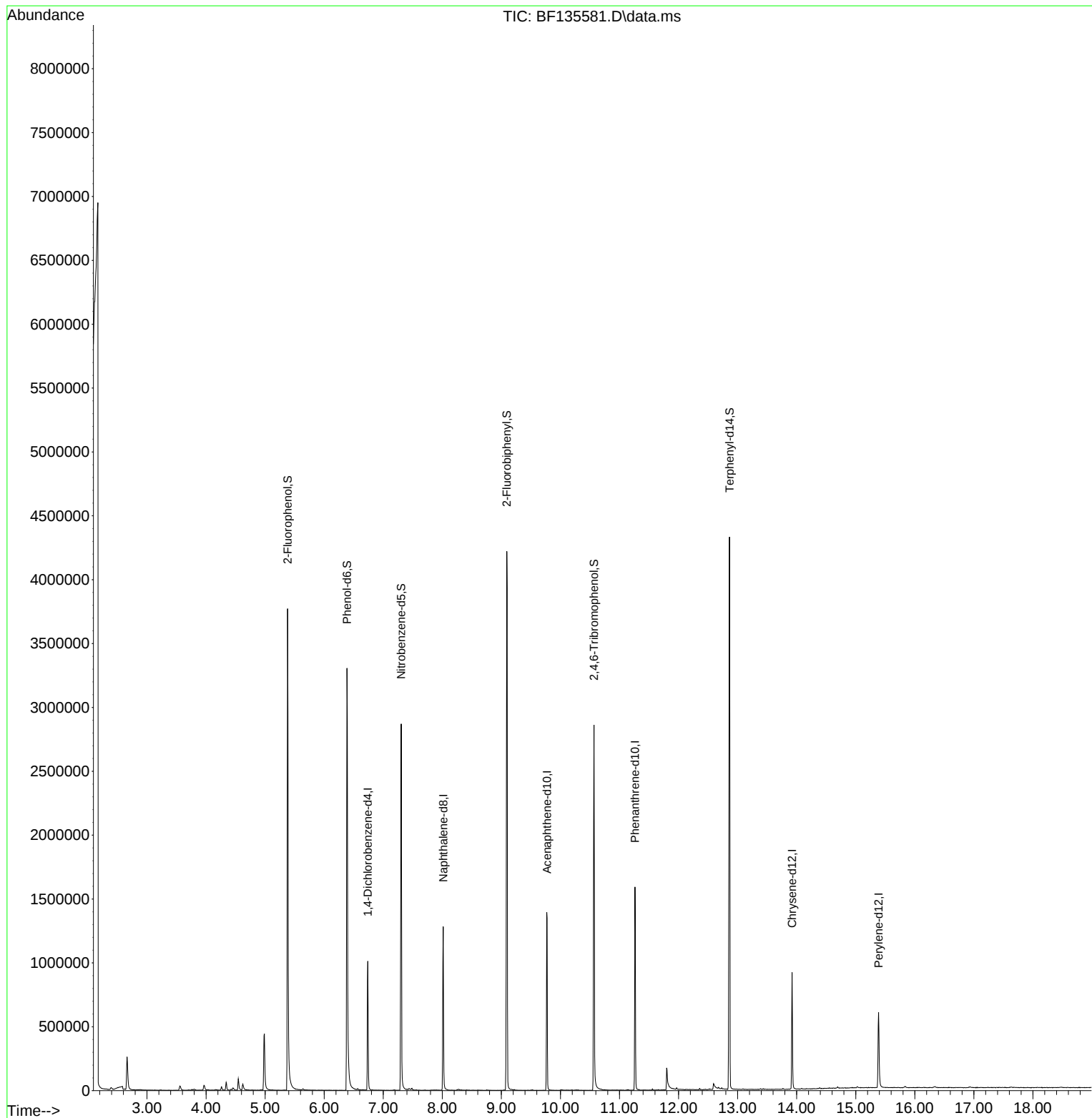
Target Compounds	Qvalue

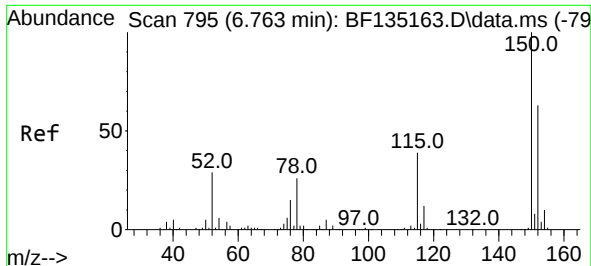
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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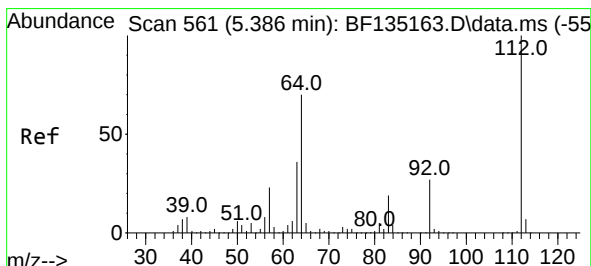
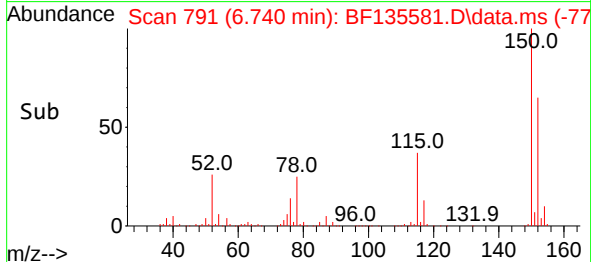
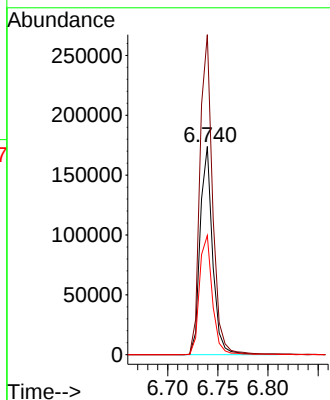
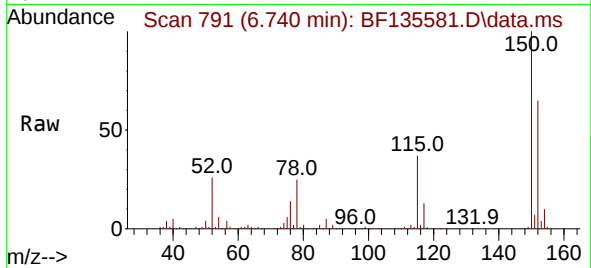




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135581.D
Acq: 04 Oct 2023 21:14

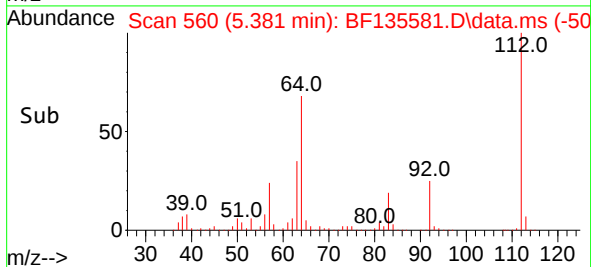
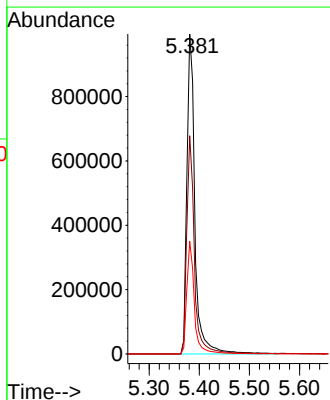
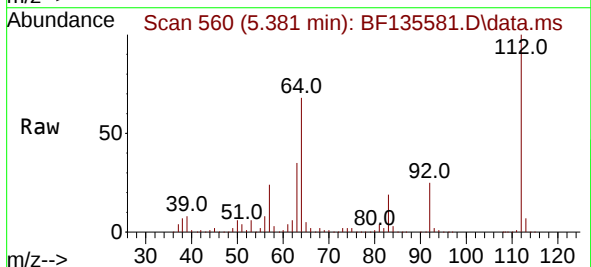
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

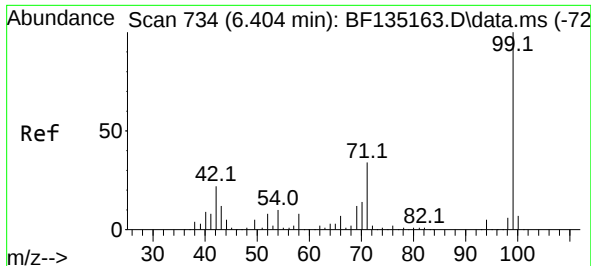
Tgt Ion:152 Resp: 150896
Ion Ratio Lower Upper
152 100
150 153.7 127.8 191.6
115 57.3 49.8 74.8



#5
2-Fluorophenol
Concen: 118.685 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135581.D
Acq: 04 Oct 2023 21:14

Tgt Ion:112 Resp: 1101118
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 110.119 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

Instrument :

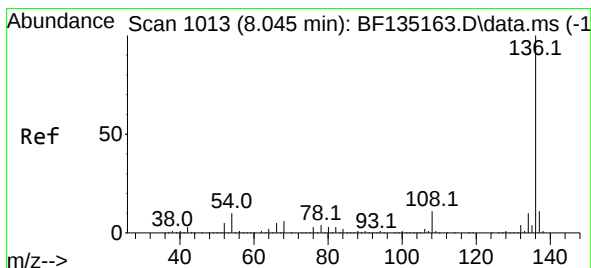
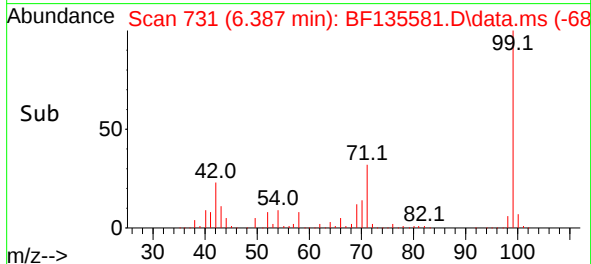
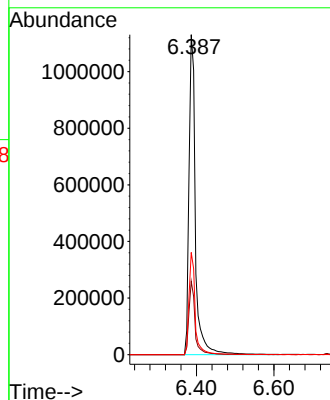
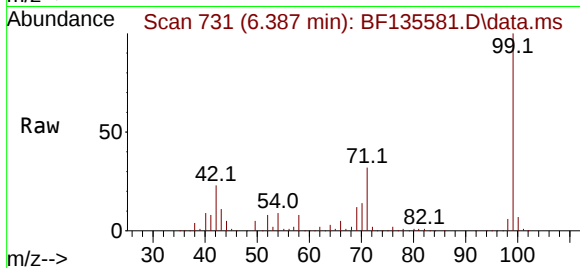
BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion: 99 Resp: 1299076

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	31.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

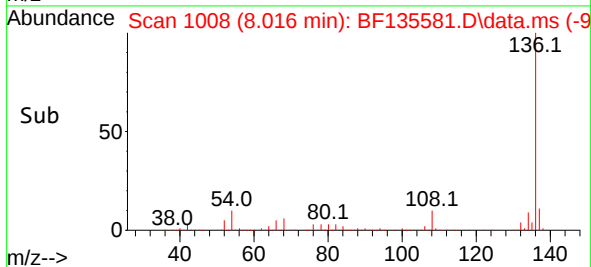
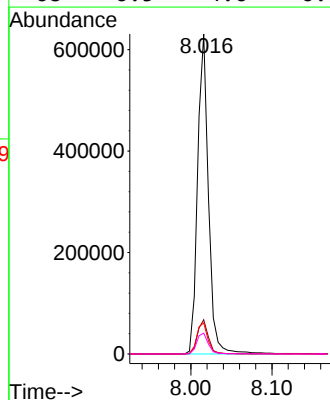
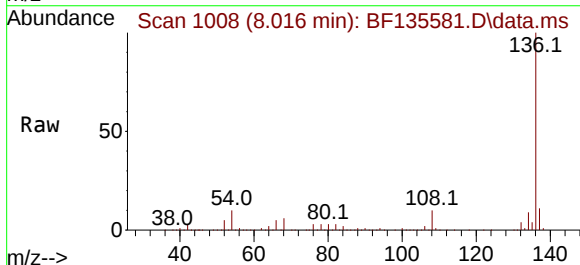
Delta R.T. 0.000 min

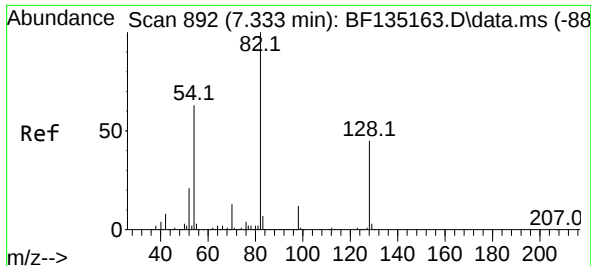
Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

Tgt Ion: 136 Resp: 589416

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.7	7.7	11.5
68	6.5	4.6	6.8

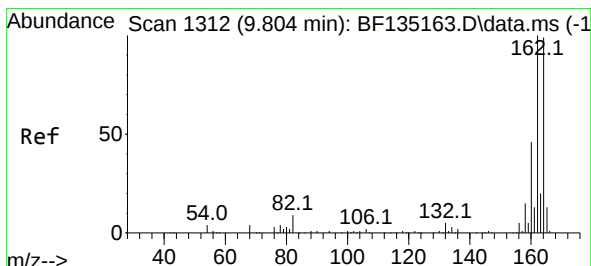
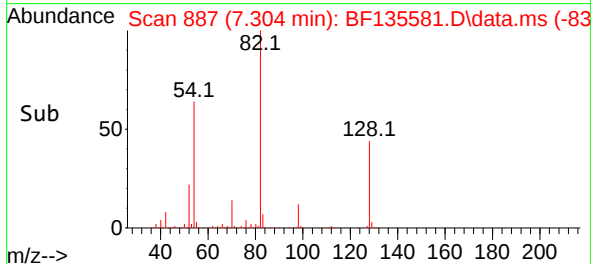
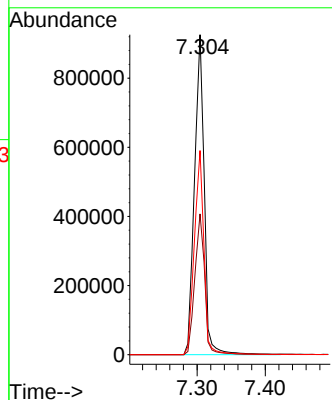
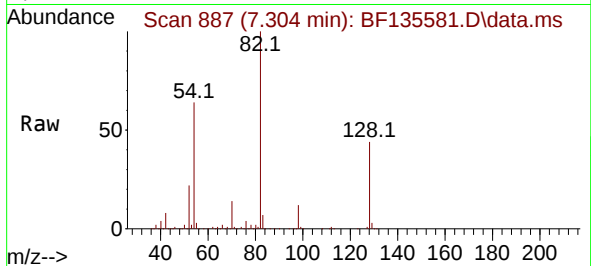




#23
Nitrobenzene-d5
Concen: 84.647 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135581.D
Acq: 04 Oct 2023 21:14

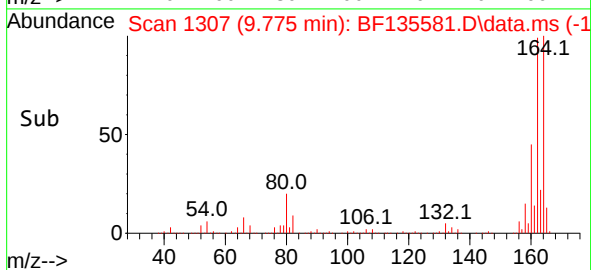
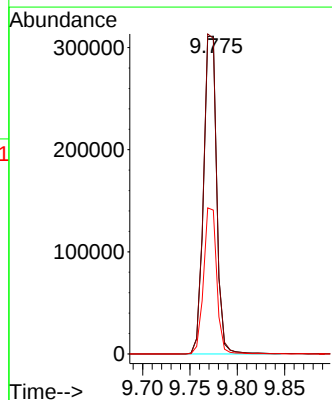
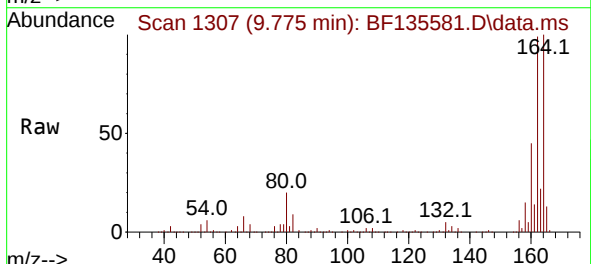
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

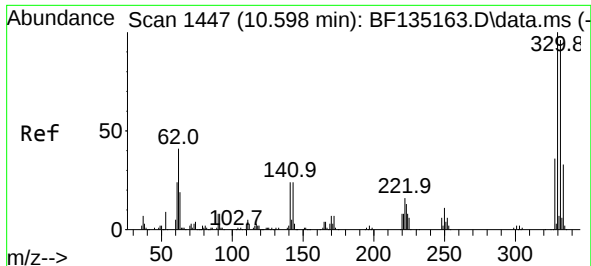
Tgt Ion: 82 Resp: 918333
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 63.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135581.D
Acq: 04 Oct 2023 21:14

Tgt Ion:164 Resp: 299073
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.3 37.0 55.4

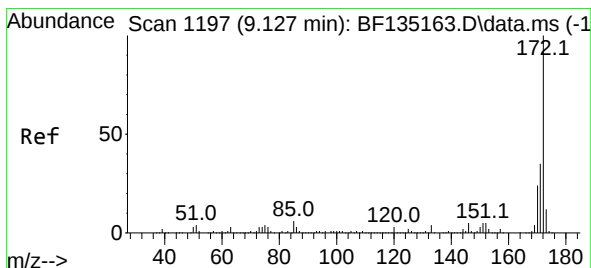
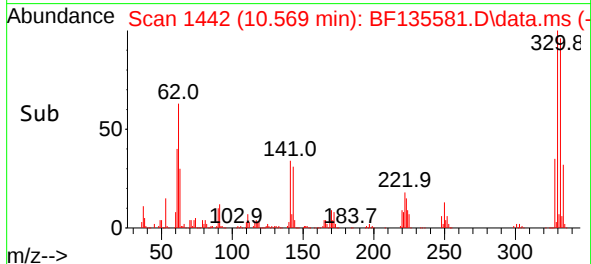
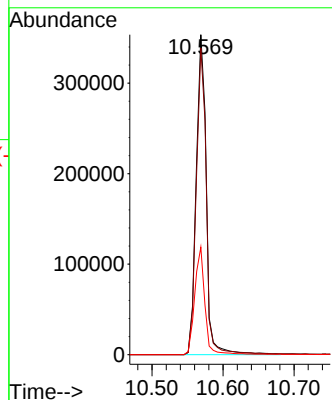
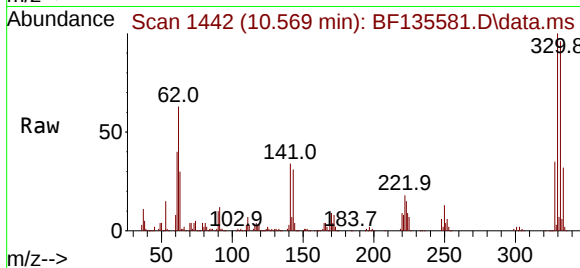




#42
 2,4,6-Tribromophenol
 Concen: 117.919 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF135581.D
 Acq: 04 Oct 2023 21:14

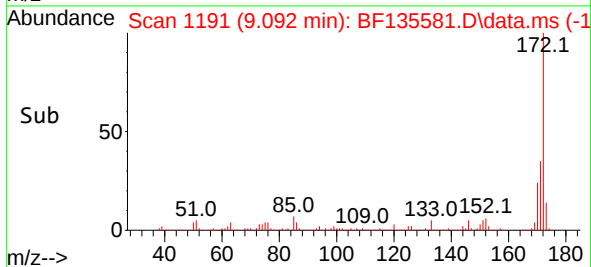
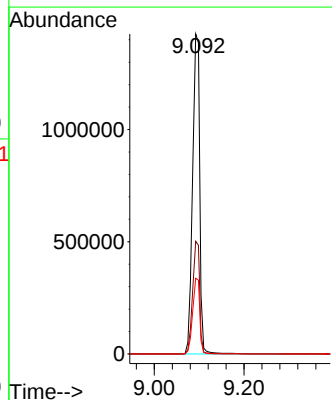
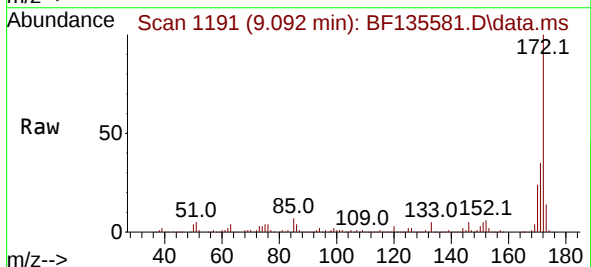
Instrument :
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 ClientSampleId :
 RBR200027MSD

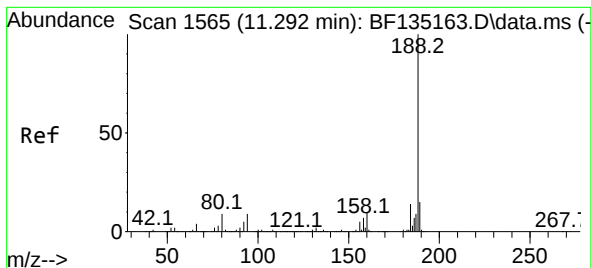
Tgt Ion: 330 Resp: 350464
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 33.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 79.467 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135581.D
 Acq: 04 Oct 2023 21:14

Tgt Ion: 172 Resp: 1575261
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

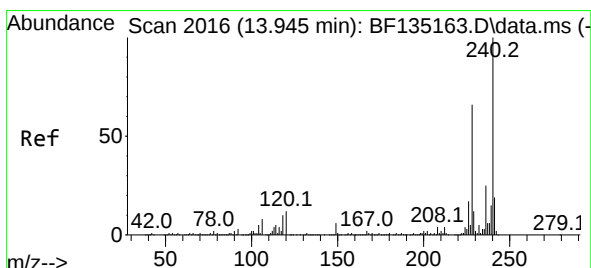
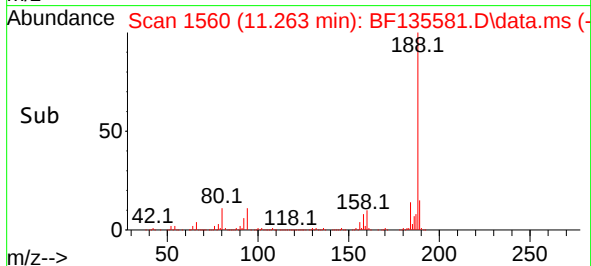
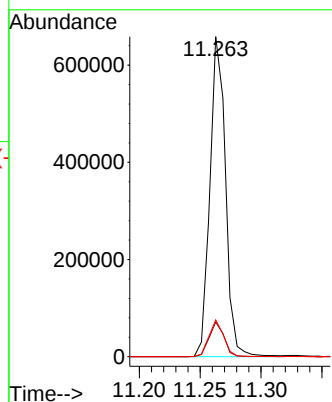
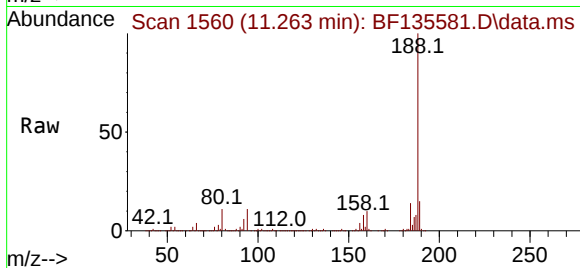
Tgt Ion:188 Resp: 588265

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

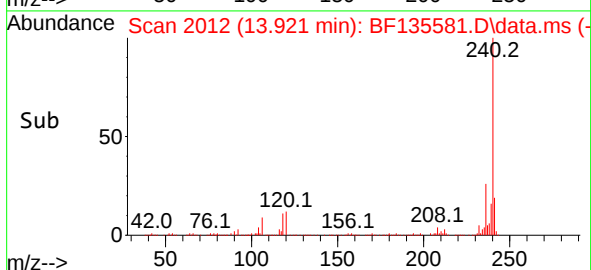
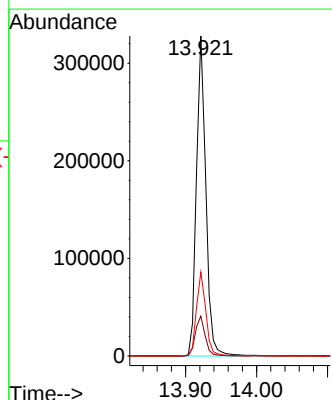
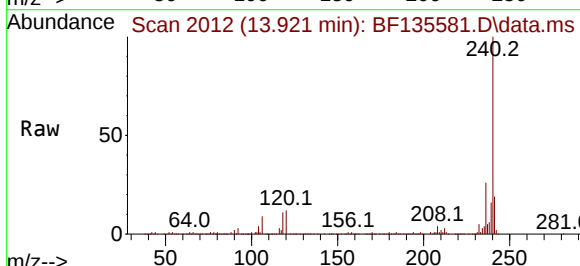
Tgt Ion:240 Resp: 303995

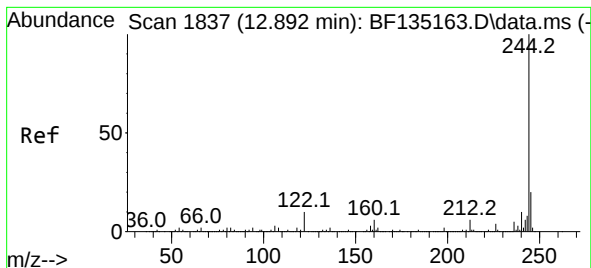
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 87.414 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

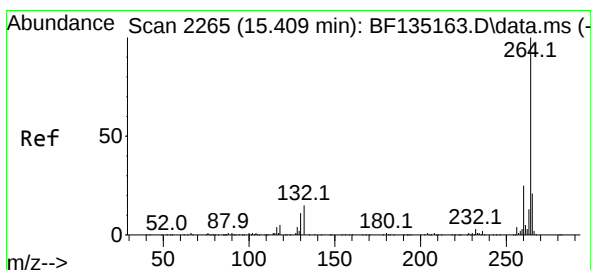
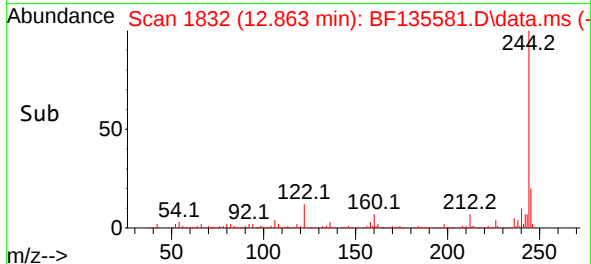
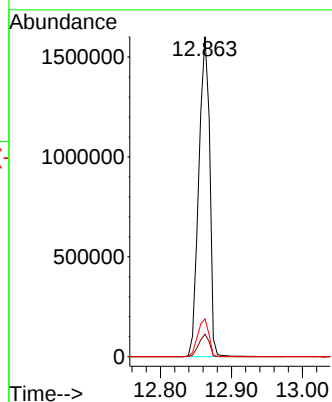
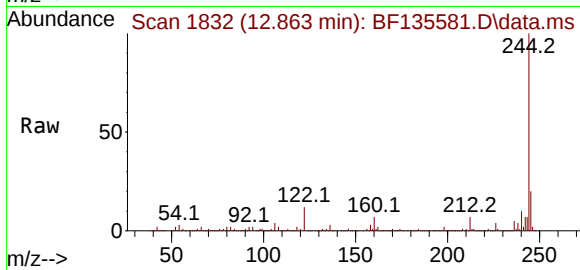
Tgt Ion:244 Resp: 1714200

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135581.D

Acq: 04 Oct 2023 21:14

Tgt Ion:264 Resp: 289105

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.6

265 22.1 17.0 25.4

