

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135587.D
 Acq On : 05 Oct 2023 00:27
 Operator : CG\JU
 Sample : PB155983TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155983TB

Quant Time: Oct 05 00:51:43 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	6.734	152	149519	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	582511	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	292985	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	569837	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	312376	20.000	ng	0.00
86) Perylene-d12	15.386	264	310964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1250130	135.987	ng	0.01
7) Phenol-d6	6.393	99	1577830	134.979	ng	0.00
23) Nitrobenzene-d5	7.304	82	1027409	95.824	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	380550	130.703	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1731471	89.162	ng	0.00
79) Terphenyl-d14	12.863	244	1827678	90.700	ng	0.00

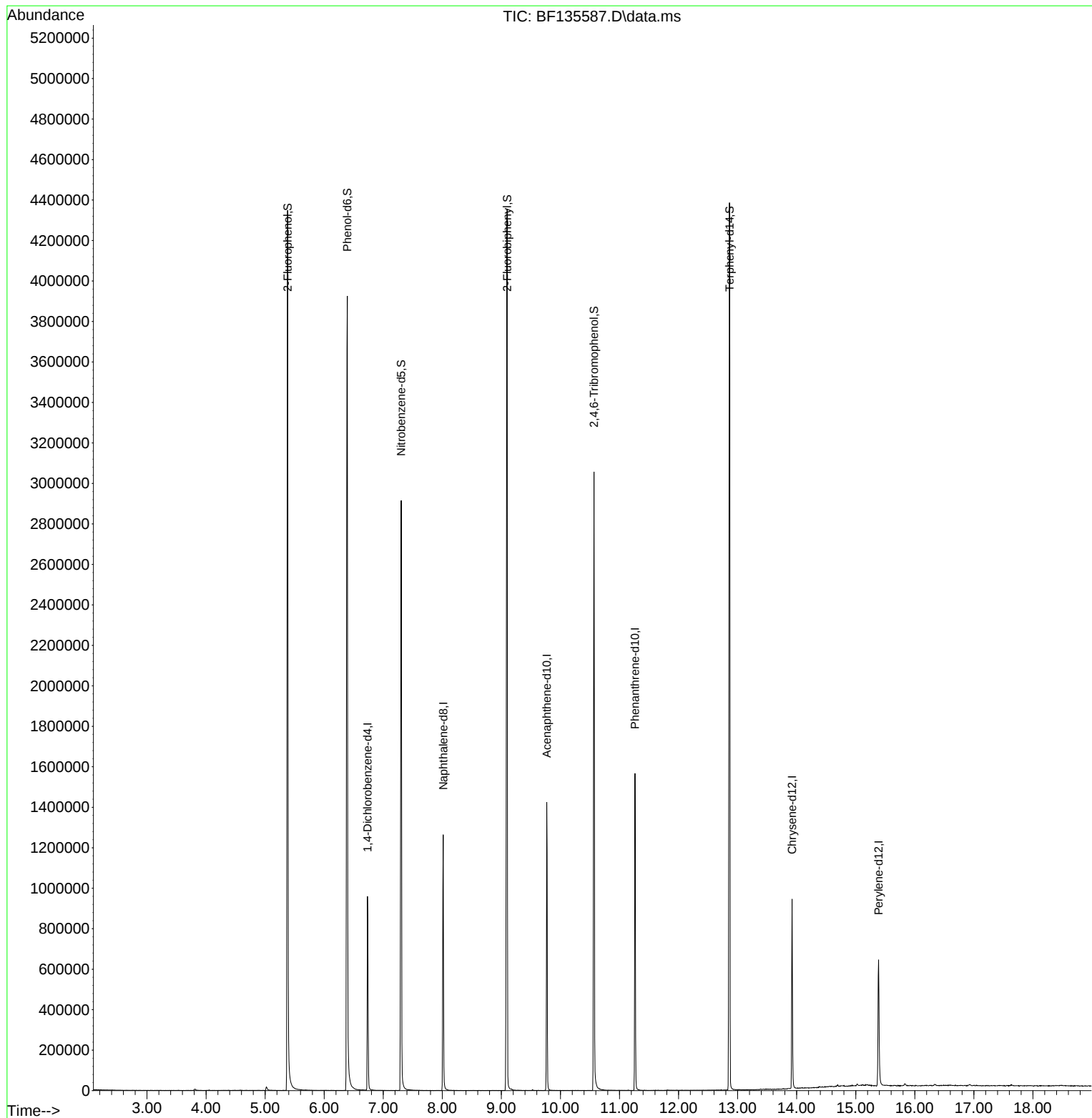
Target Compounds	Qvalue

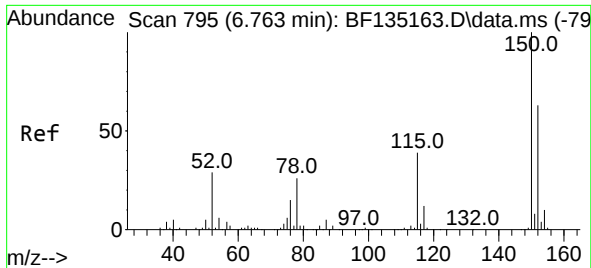
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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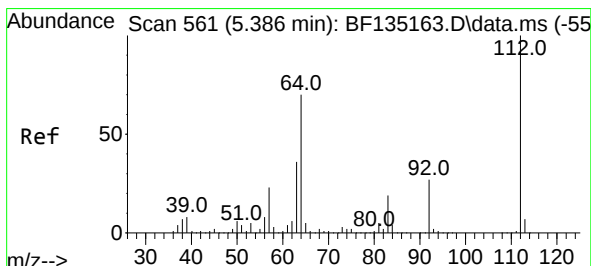
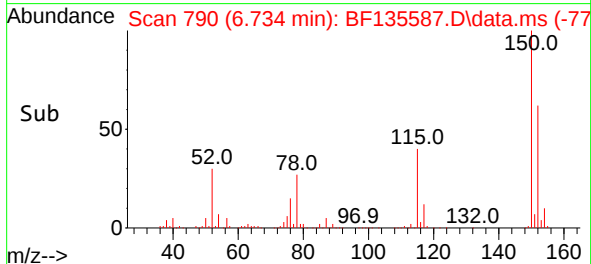
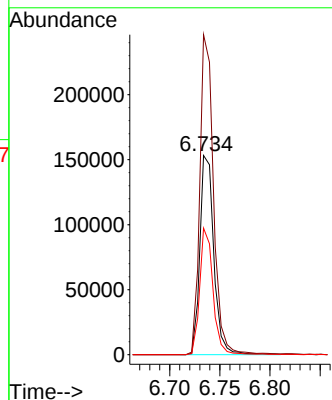
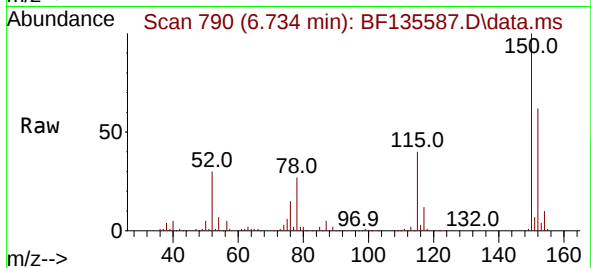




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

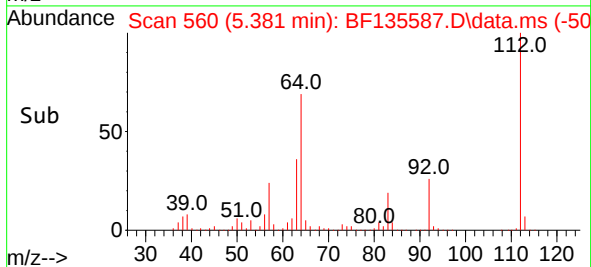
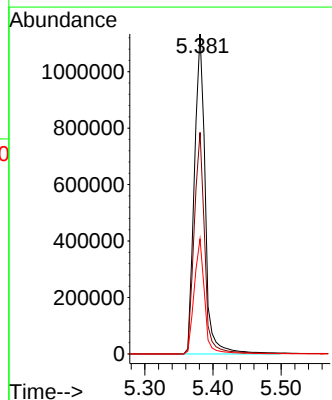
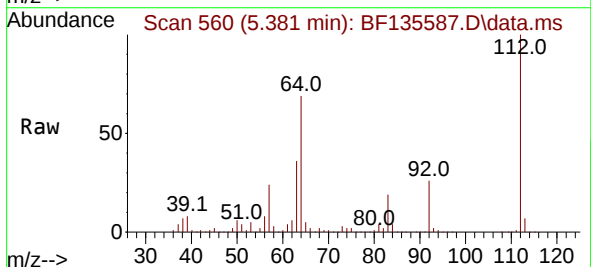
Instrument :
BNA_F
ClientSampleId :
PB155983TB

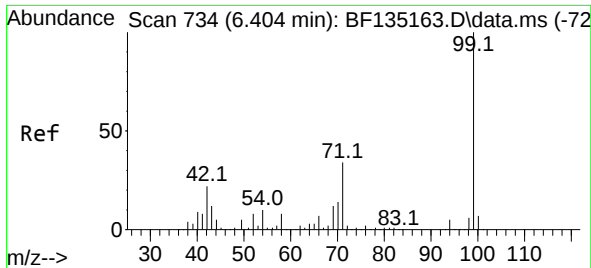
Tgt Ion:152 Resp: 149519
Ion Ratio Lower Upper
152 100
150 160.7 127.8 191.6
115 63.5 49.8 74.8



#5
2-Fluorophenol
Concen: 135.987 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion:112 Resp: 1250130
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.9 29.0 43.6

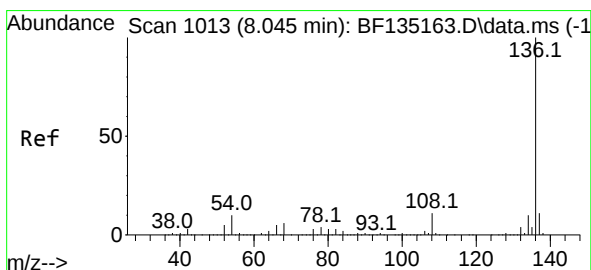
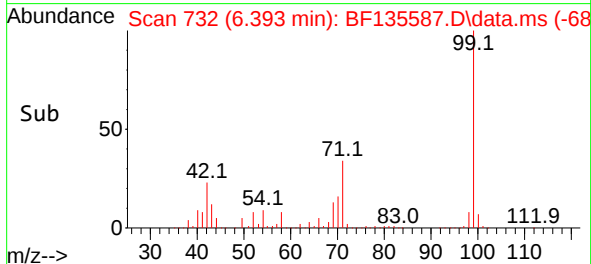
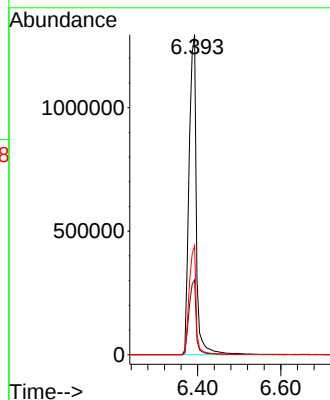
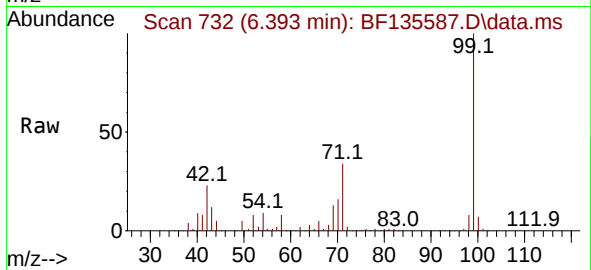




#7
Phenol-d6
Concen: 134.979 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

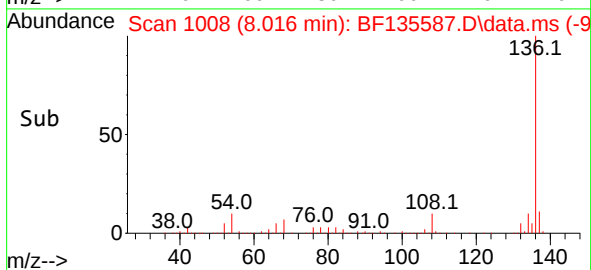
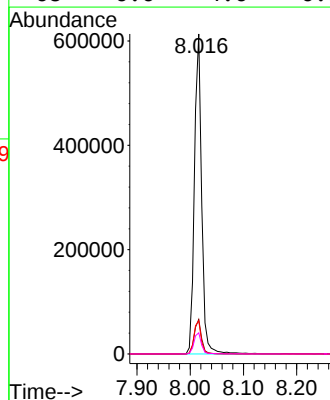
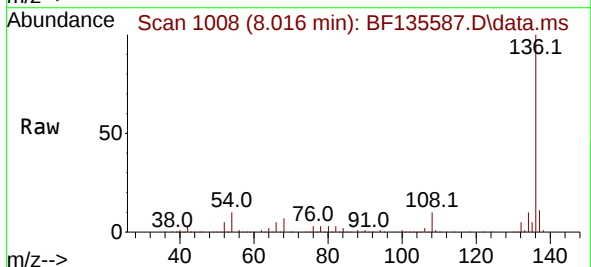
Instrument :
BNA_F
ClientSampleId :
PB155983TB

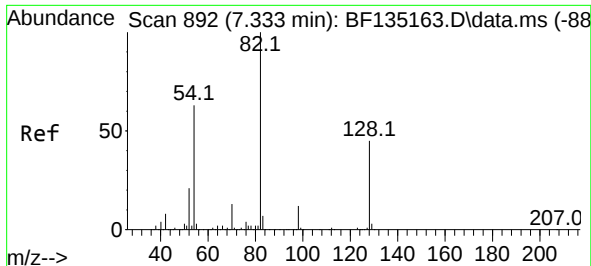
Tgt Ion: 99 Resp: 1577830
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 34.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion: 136 Resp: 582511
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.824 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

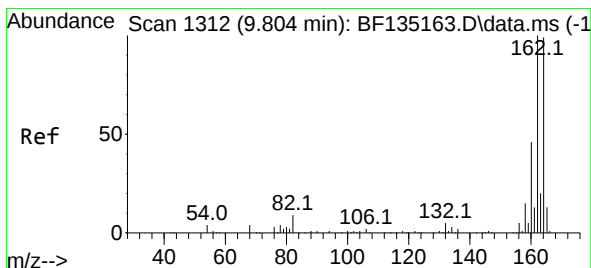
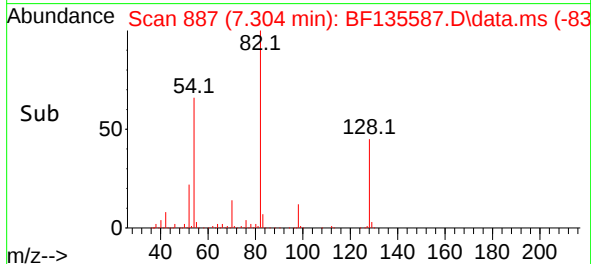
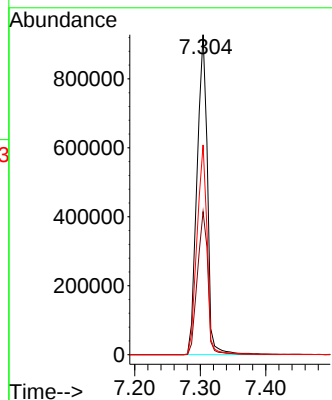
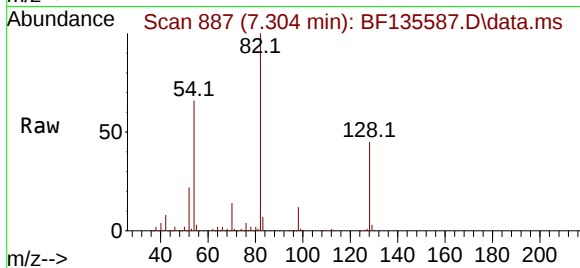
BNA_F

ClientSampleId :

PB155983TB

Tgt Ion: 82 Resp: 1027409

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	65.6	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

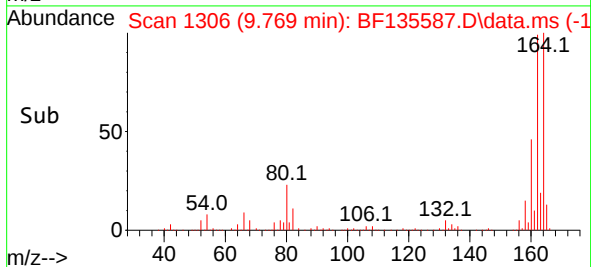
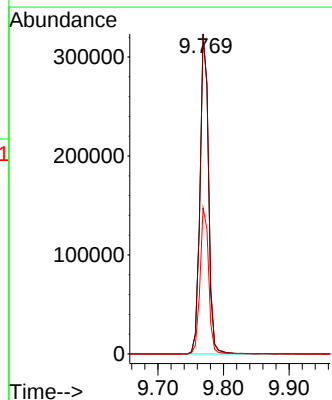
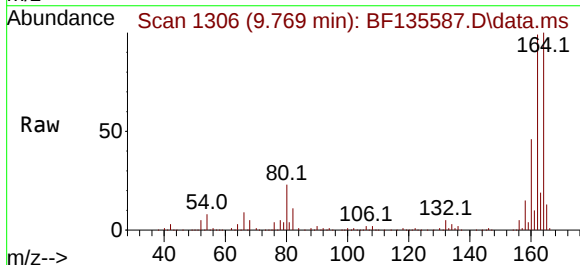
Delta R.T. -0.006 min

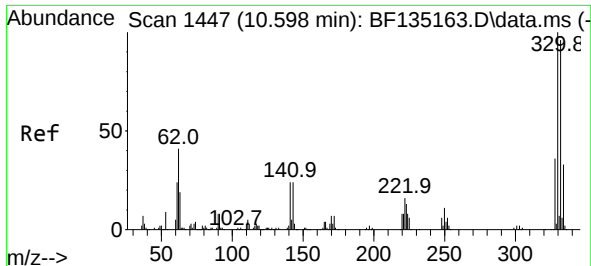
Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Tgt Ion: 164 Resp: 292985

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.4
160	45.6	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 130.703 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

BNA_F

ClientSampleId :

PB155983TB

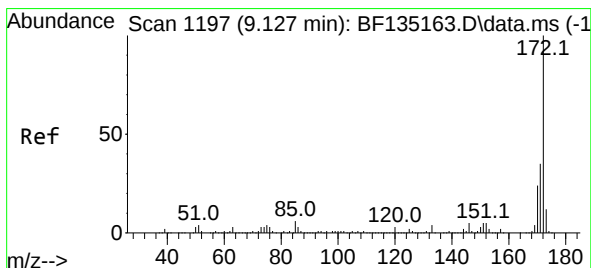
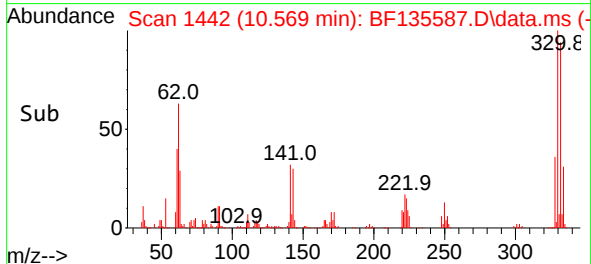
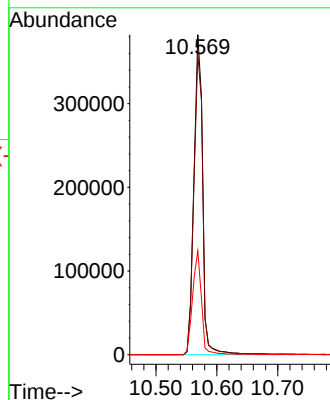
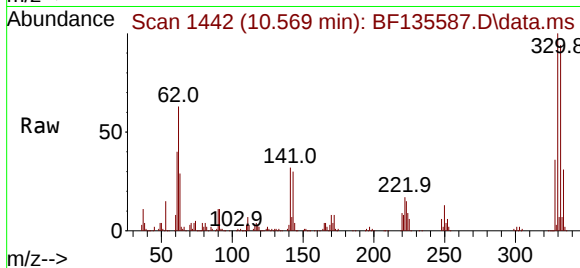
Tgt Ion:330 Resp: 380550

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 32.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 89.162 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

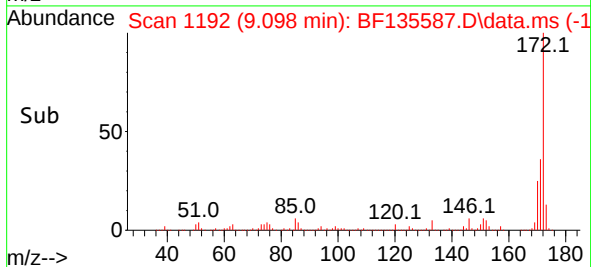
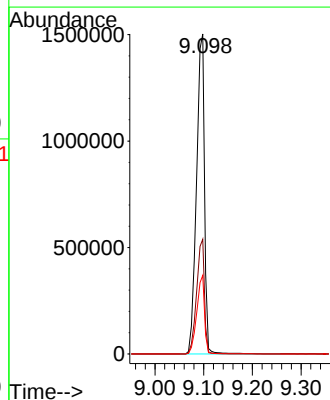
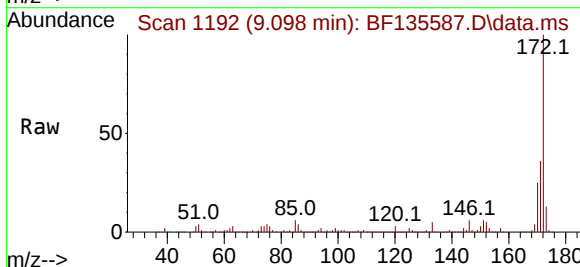
Tgt Ion:172 Resp: 1731471

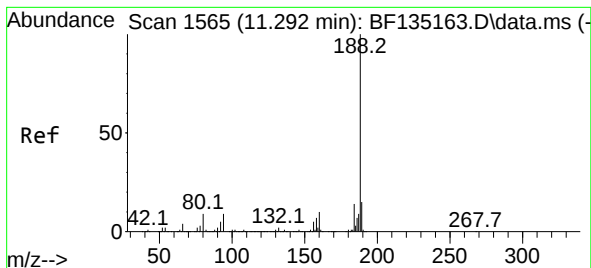
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.6 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: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

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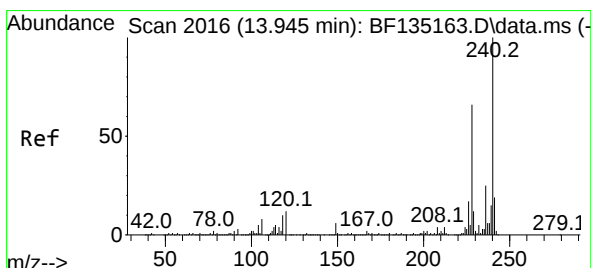
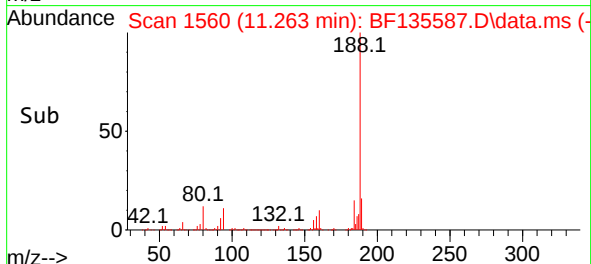
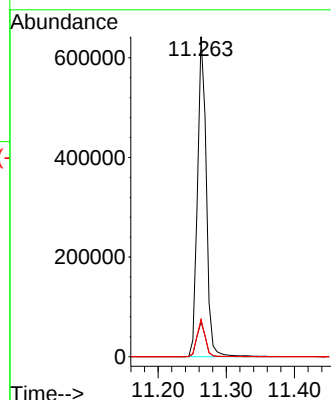
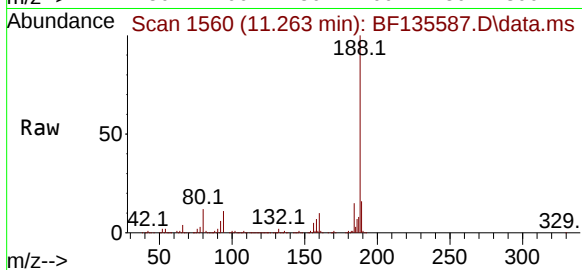
Tgt Ion:188 Resp: 569837

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.7 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: BF135587.D

Acq: 05 Oct 2023 00:27

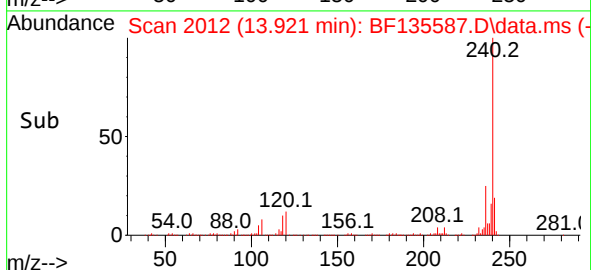
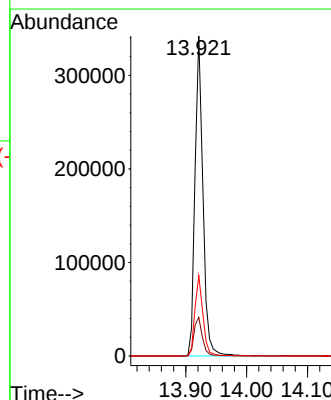
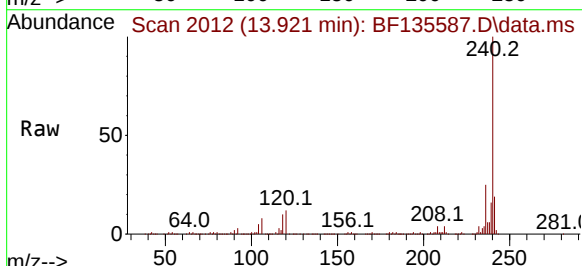
Tgt Ion:240 Resp: 312376

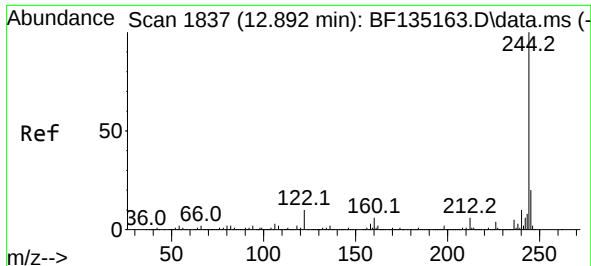
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

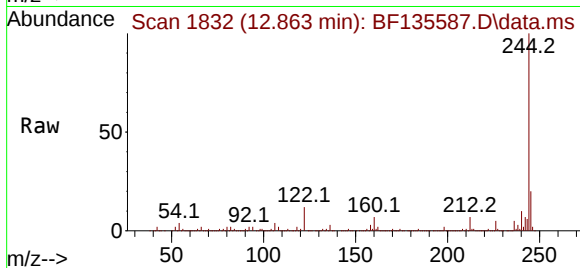
236 25.1 19.8 29.8



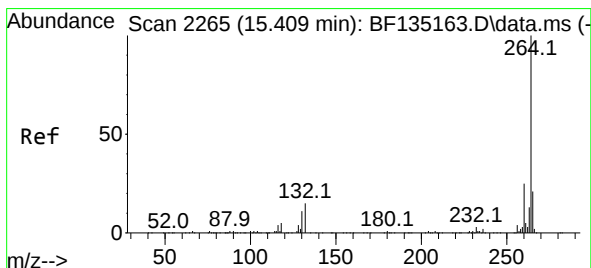
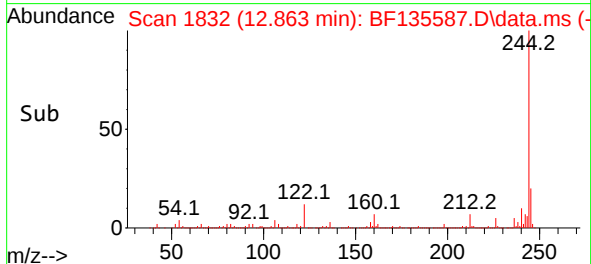
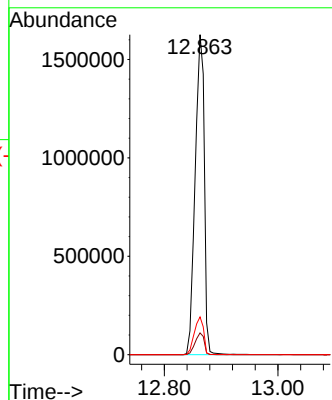


#79
 Terphenyl-d14
 Concen: 90.700 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135587.D
 Acq: 05 Oct 2023 00:27

Instrument :
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Tgt Ion:244 Resp: 1827678
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 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: BF135587.D
 Acq: 05 Oct 2023 00:27

Tgt Ion:264 Resp: 310964
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 22.8 17.0 25.4

