

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131068.D
 Acq On : 08 Nov 2022 15:48
 Operator : CG\JU
 Sample : N5479-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104

Quant Time: Nov 08 16:41:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	59292	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	164008	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	86922	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	124176	20.000	ng	0.00
76) Chrysene-d12	14.086	240	120079	20.000	ng	0.00
86) Perylene-d12	15.586	264	128101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	381780	103.828	ng	0.01
7) Phenol-d6	6.528	99	465318	103.680	ng	0.00
23) Nitrobenzene-d5	7.463	82	369037	104.299	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	104235	108.920	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	503825	78.993	ng	0.00
79) Terphenyl-d14	13.027	244	527288	70.402	ng	0.00

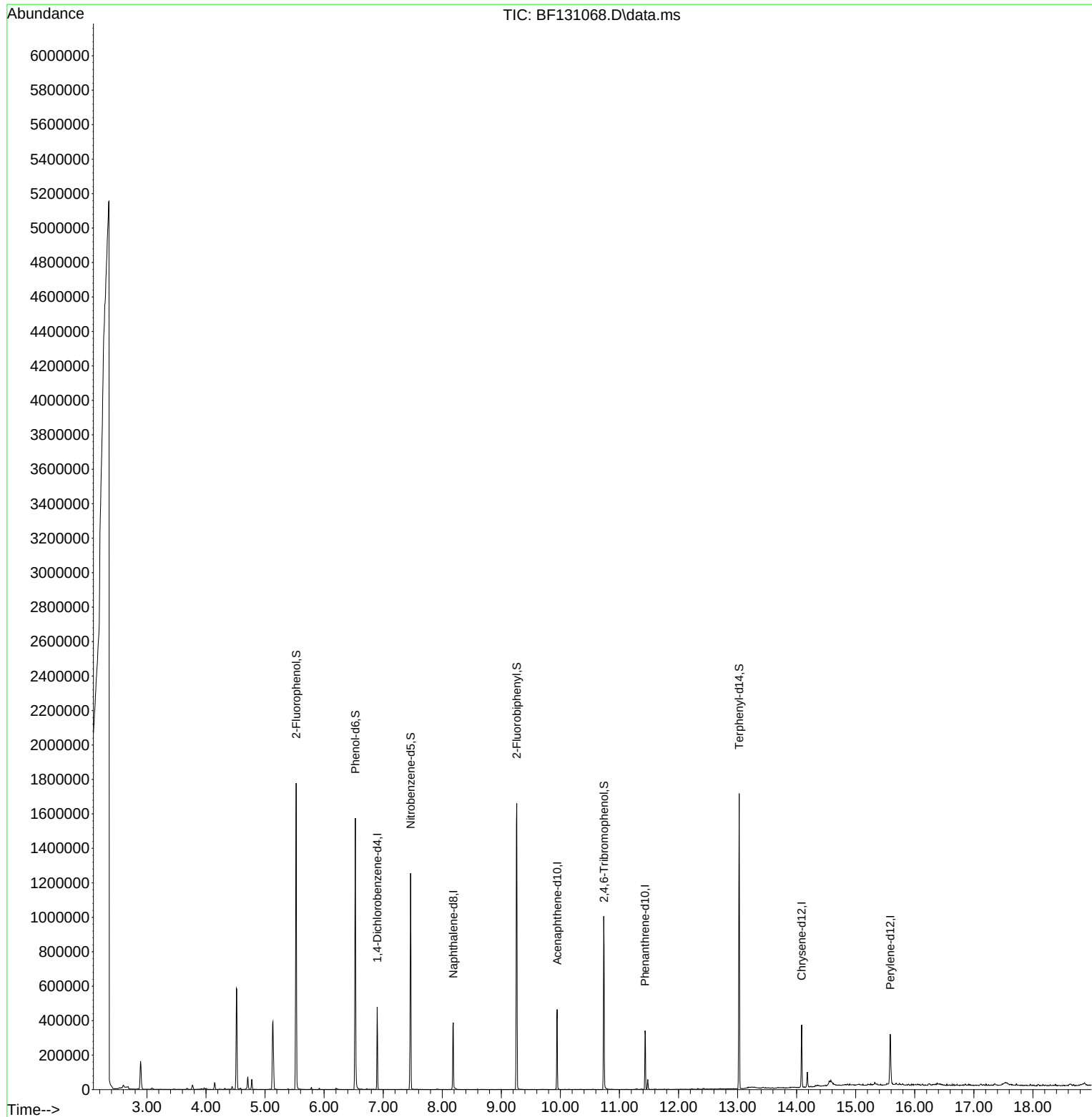
Target Compounds	Qvalue

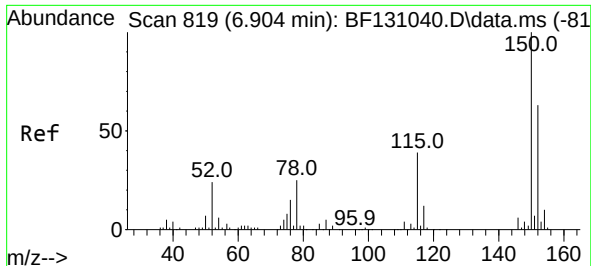
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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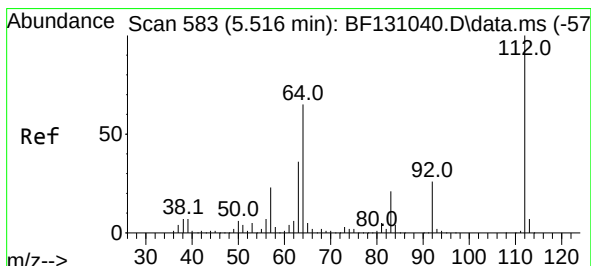
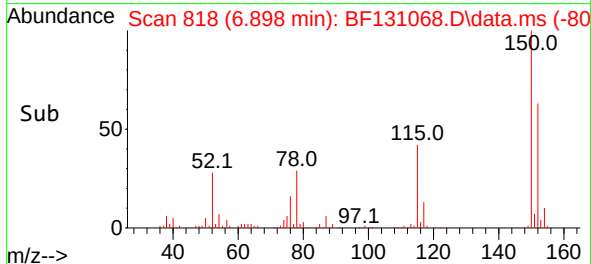
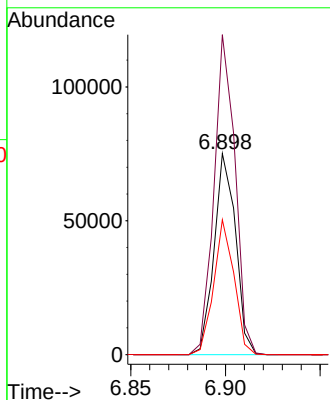
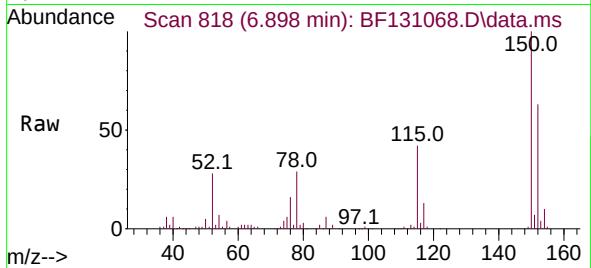




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131068.D
 Acq: 08 Nov 2022 15:48

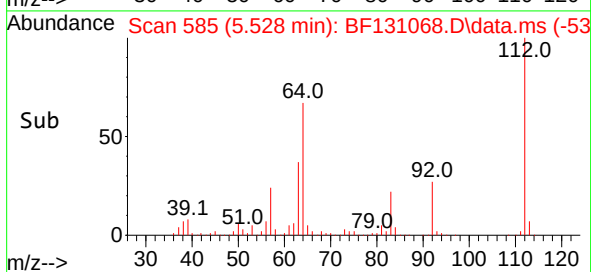
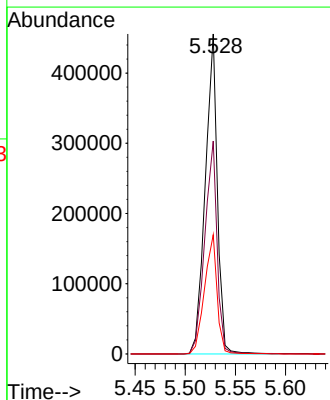
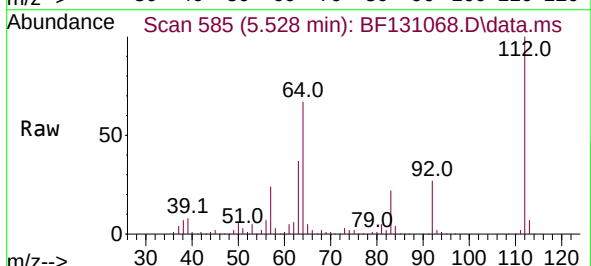
Instrument :
 BNA_F
 ClientSampleId :
 TUL-ROS-1104

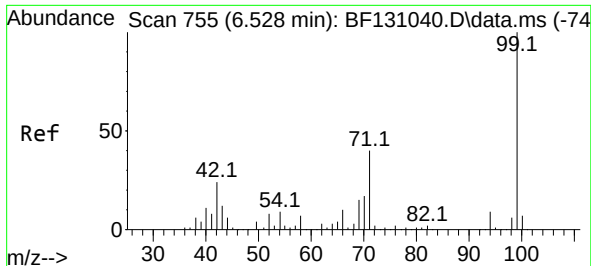
Tgt Ion:152 Resp: 59292
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.6 189.8
 115 67.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 103.828 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.012 min
 Lab File: BF131068.D
 Acq: 08 Nov 2022 15:48

Tgt Ion:112 Resp: 381780
 Ion Ratio Lower Upper
 112 100
 64 66.5 52.2 78.4
 63 37.2 29.0 43.4

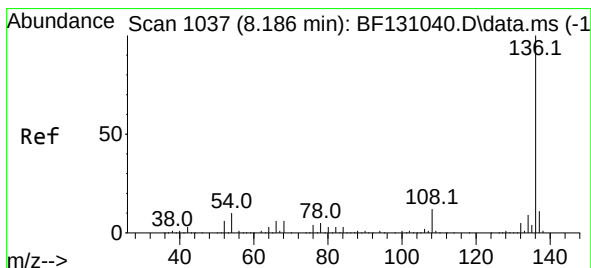
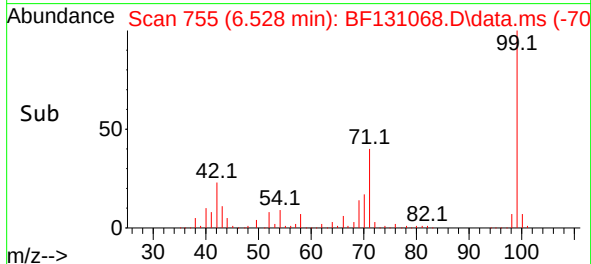
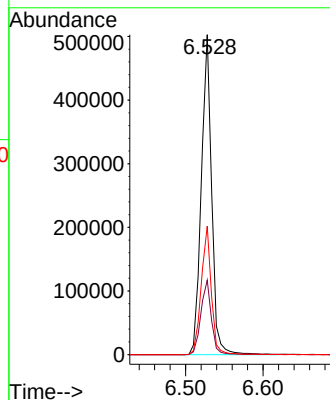
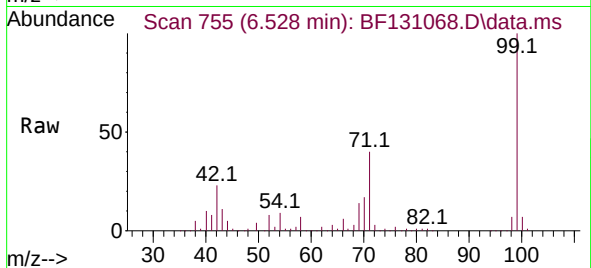




#7
Phenol-d6
Concen: 103.680 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

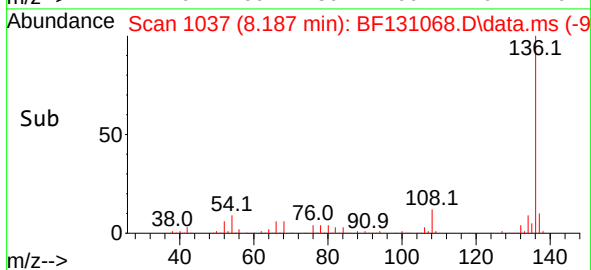
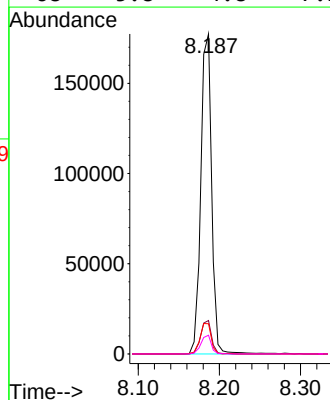
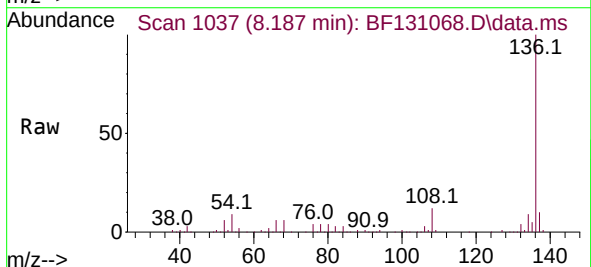
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104

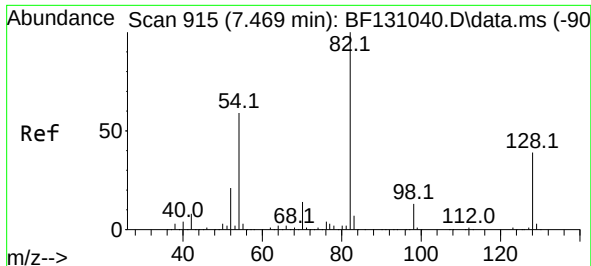
Tgt Ion: 99 Resp: 465318
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.0
71 40.1 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

Tgt Ion: 136 Resp: 164008
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.4 8.2 12.2
68 5.8 4.8 7.2

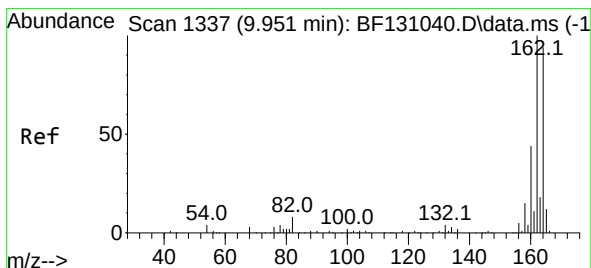
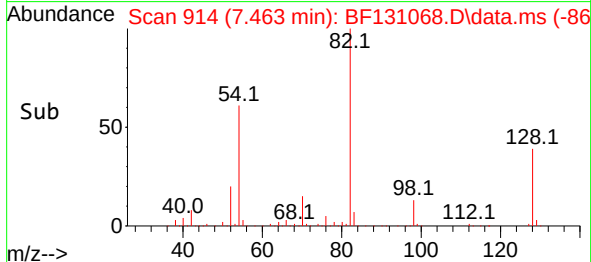
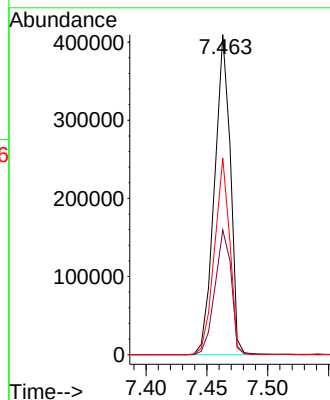
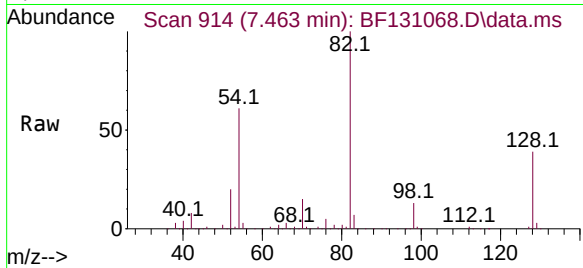




#23
Nitrobenzene-d5
Concen: 104.299 ng
RT: 7.463 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

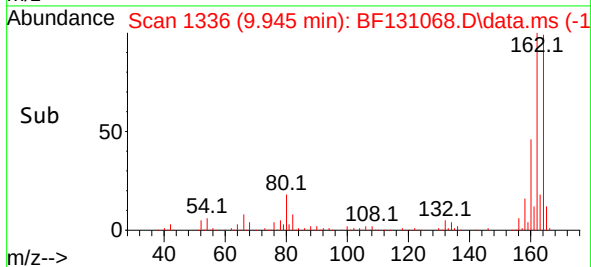
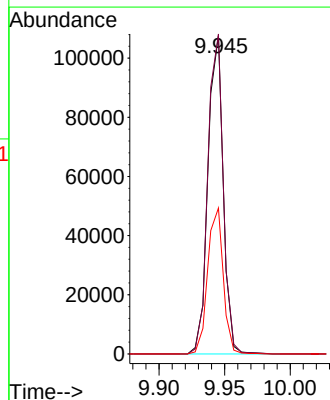
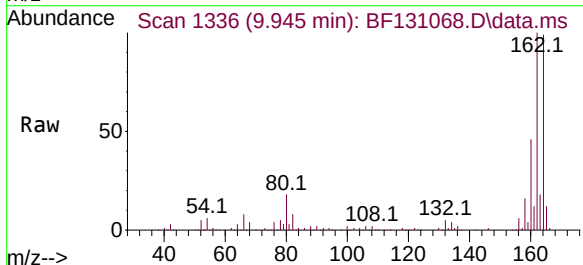
Instrument :
BNA_F
ClientSampleId :
TUL-ROS-1104

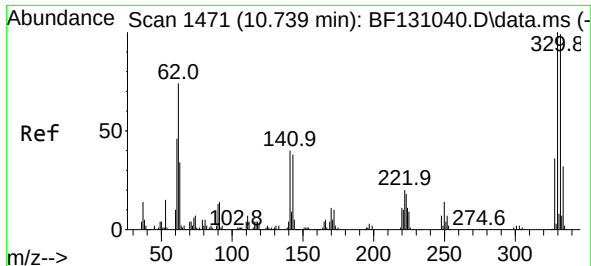
Tgt Ion: 82 Resp: 369037
Ion Ratio Lower Upper
82 100
128 39.0 31.3 46.9
54 61.5 47.2 70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

Tgt Ion:164 Resp: 86922
Ion Ratio Lower Upper
164 100
162 100.5 85.0 127.6
160 45.8 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 108.920 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131068.D

Acq: 08 Nov 2022 15:48

Instrument :

BNA_F

ClientSampleId :

TUL-ROS-1104

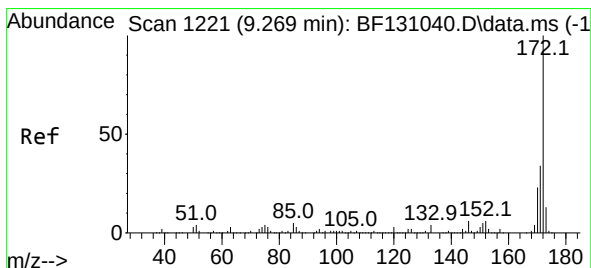
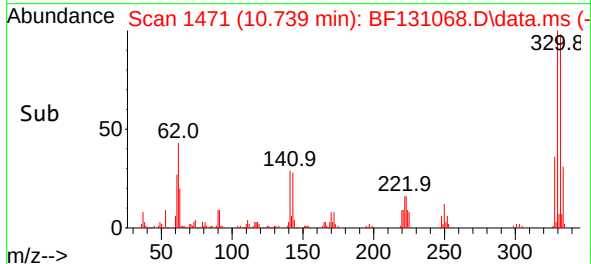
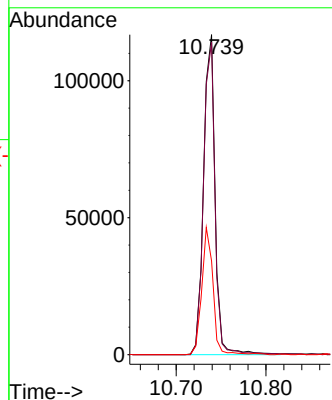
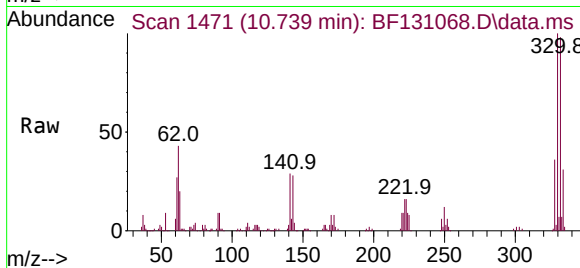
Tgt Ion:330 Resp: 104235

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 38.4 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 78.993 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131068.D

Acq: 08 Nov 2022 15:48

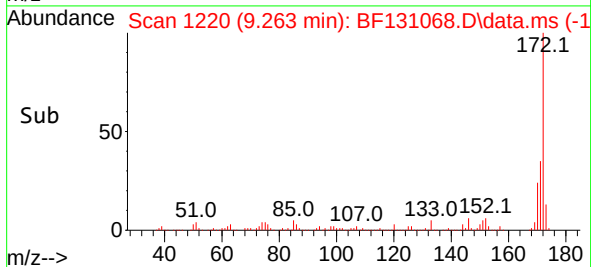
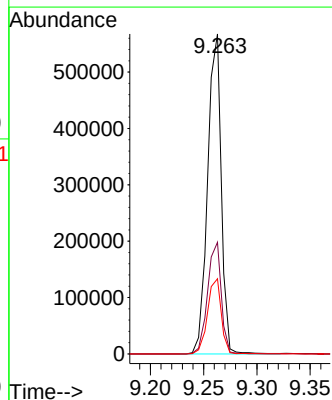
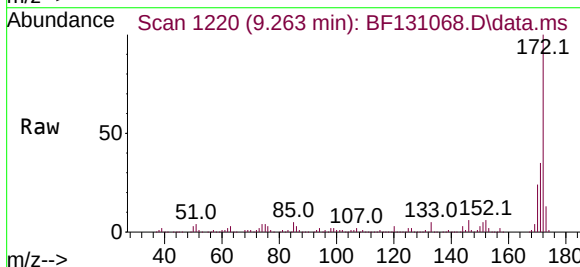
Tgt Ion:172 Resp: 503825

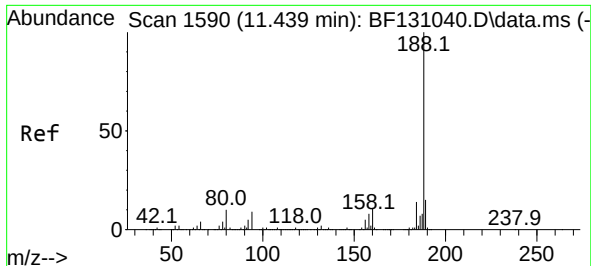
Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.5 18.4 27.6

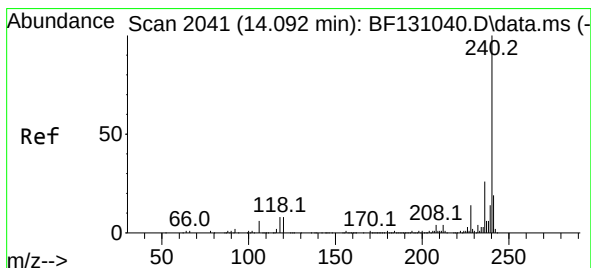
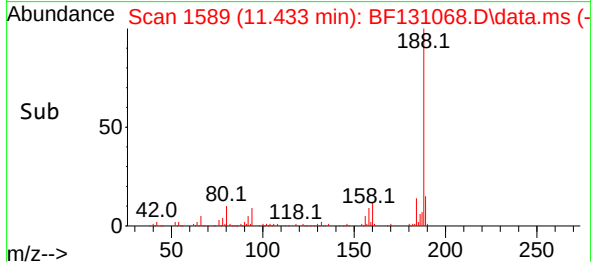
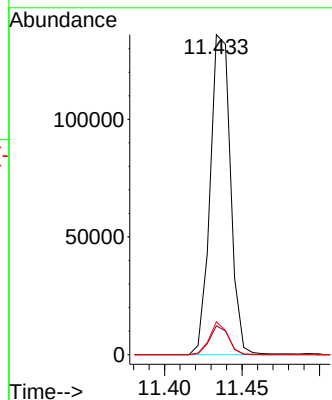
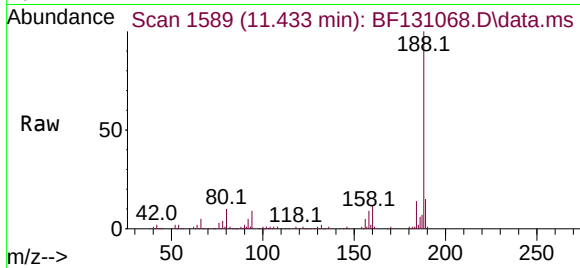




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

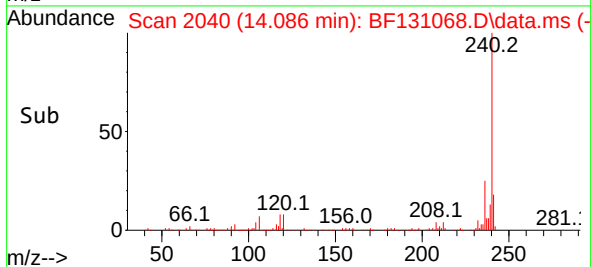
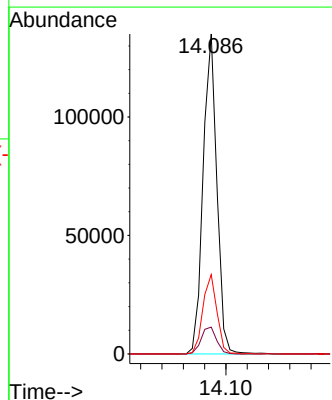
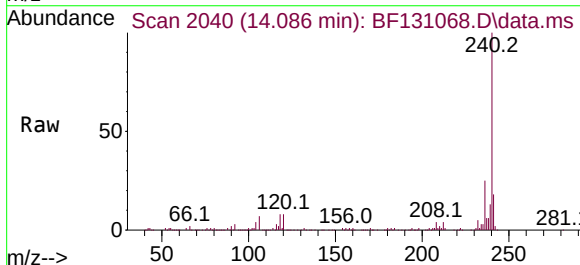
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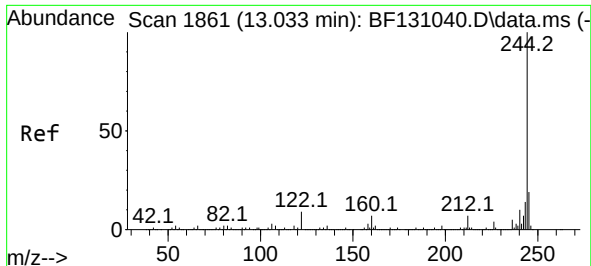
Tgt Ion:188 Resp: 124176
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131068.D
Acq: 08 Nov 2022 15:48

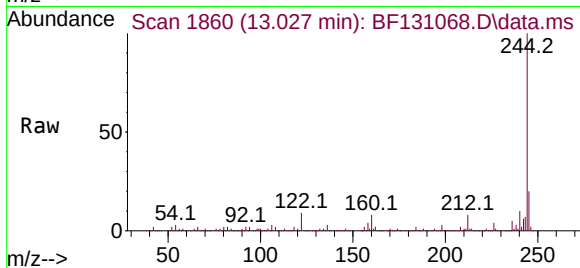
Tgt Ion:240 Resp: 120079
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 24.8 20.8 31.2



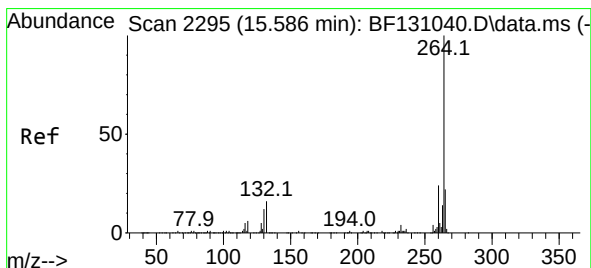
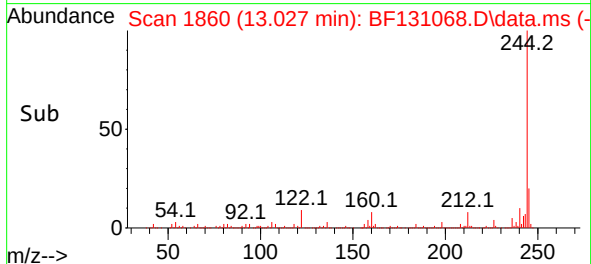
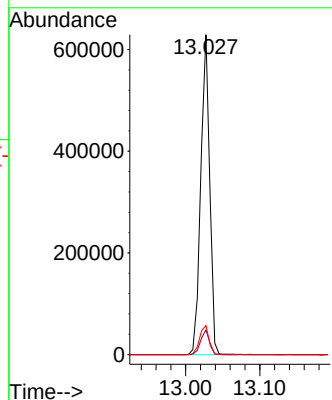


#79
 Terphenyl-d14
 Concen: 70.402 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131068.D
 Acq: 08 Nov 2022 15:48

Instrument :
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 ClientSampleId :
 TUL-ROS-1104



Tgt Ion:244 Resp: 527288
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 9.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131068.D
 Acq: 08 Nov 2022 15:48

Tgt Ion:264 Resp: 128101
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.8 28.2
 265 20.5 17.3 25.9

