

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131815.D
 Acq On : 23 Dec 2022 19:55
 Operator : CG\JU
 Sample : N6194-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-GIS-1

Quant Time: Dec 24 03:10:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68474	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	250716	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	149018	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	283575	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	157302	20.000	ng	-0.01
86) Perylene-d12	15.551	264	151990	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	440351	108.289	ng	0.00
7) Phenol-d6	6.481	99	630936	115.275	ng	0.00
23) Nitrobenzene-d5	7.416	82	457582	74.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	122769	75.269	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	815016	76.614	ng	0.00
79) Terphenyl-d14	12.998	244	895697	88.744	ng	0.00

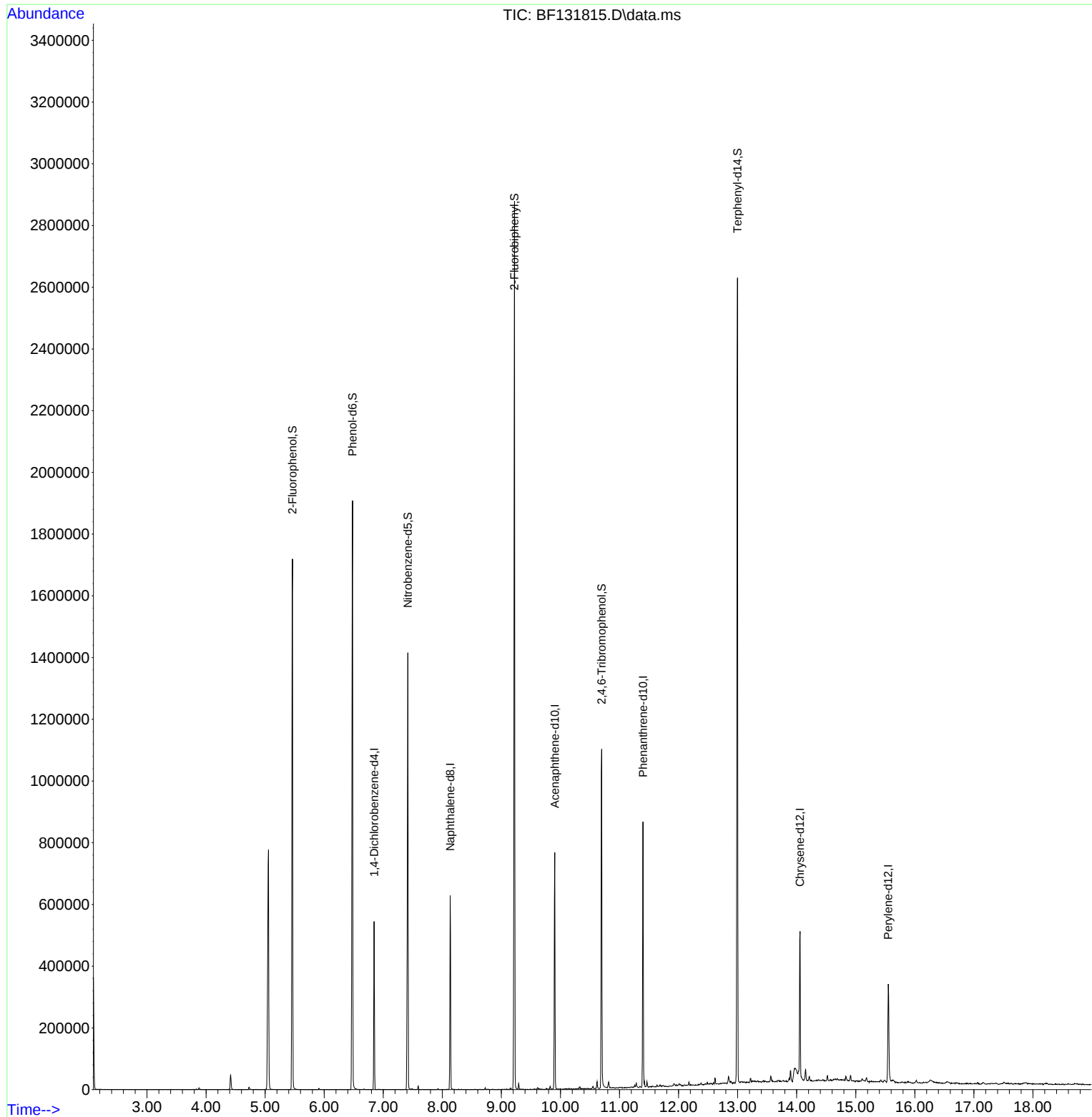
Target Compounds	Qvalue

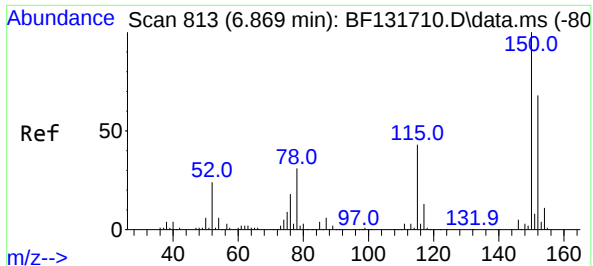
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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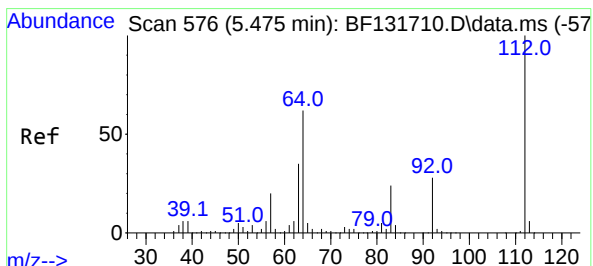
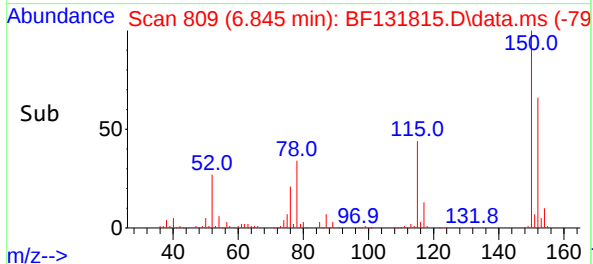
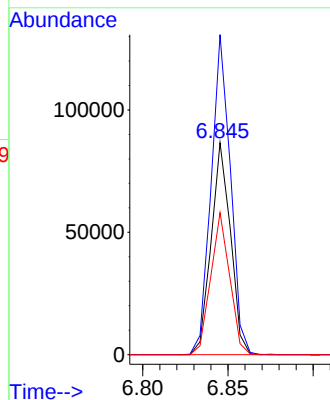
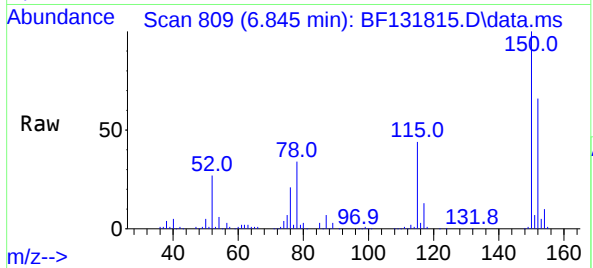




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

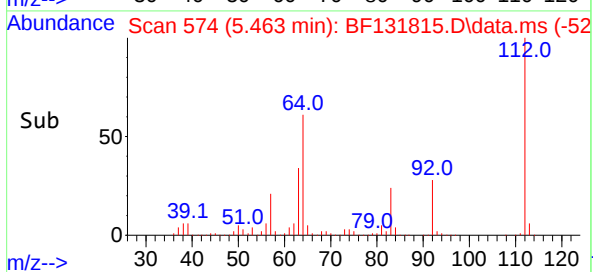
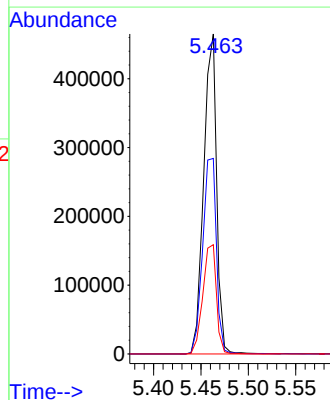
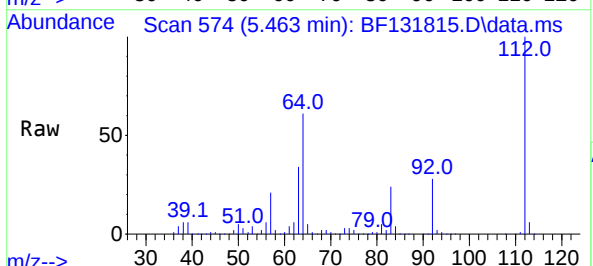
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

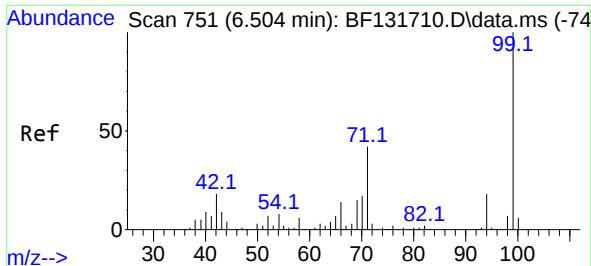
Tgt Ion:152 Resp: 68474
Ion Ratio Lower Upper
152 100
150 150.9 117.4 176.0
115 67.0 50.2 75.4



#5
2-Fluorophenol
Concen: 108.289 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:112 Resp: 440351
Ion Ratio Lower Upper
112 100
64 61.1 49.5 74.3
63 34.2 28.2 42.2

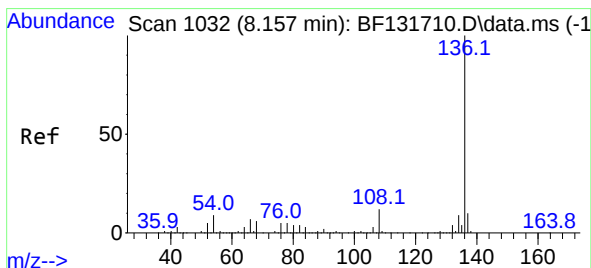
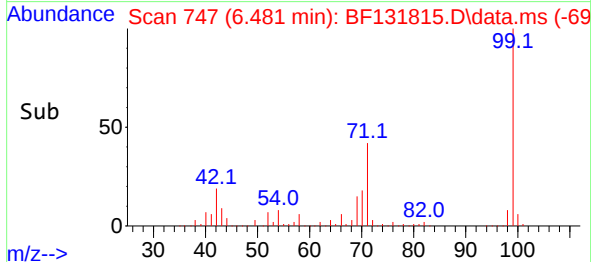
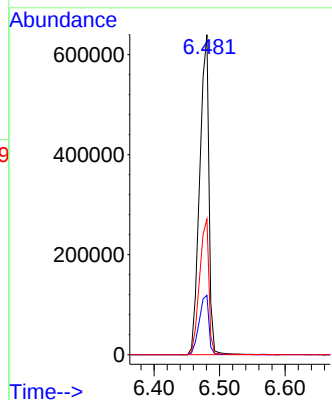
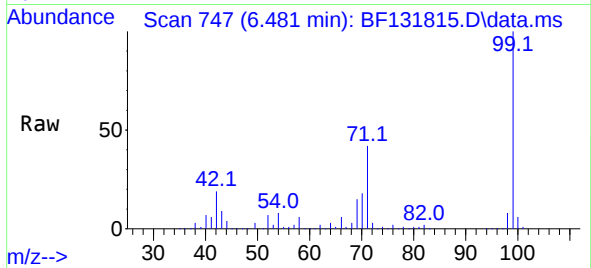




#7
Phenol-d6
Concen: 115.275 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

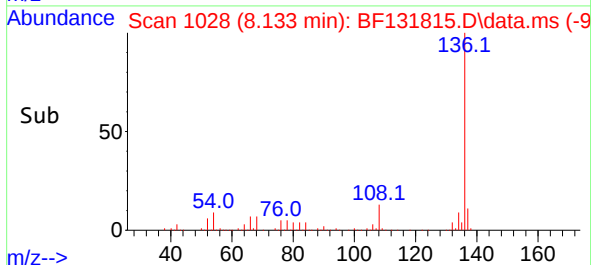
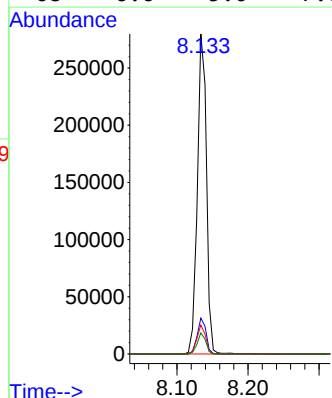
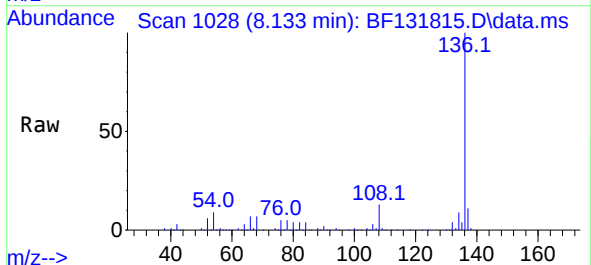
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BNA_F
ClientSampleId :
CONC-GIS-1

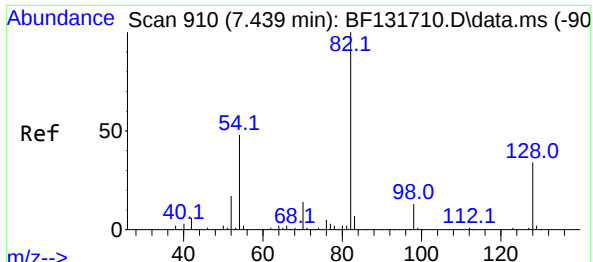
Tgt Ion: 99 Resp: 630936
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 42.4 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion: 136 Resp: 250716
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.1 7.2 10.8
68 6.6 5.0 7.6

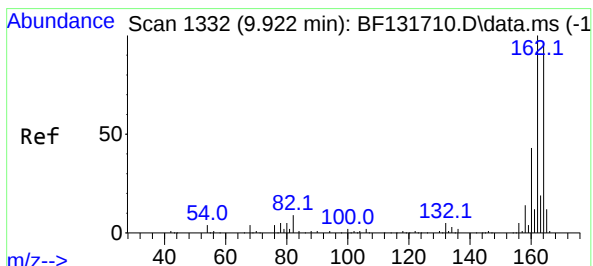
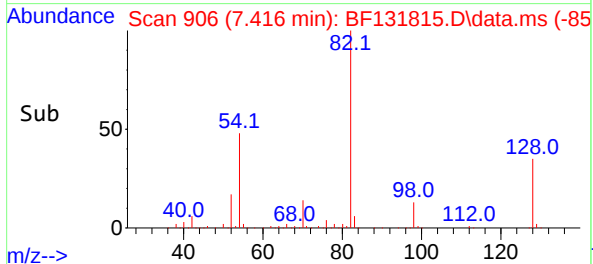
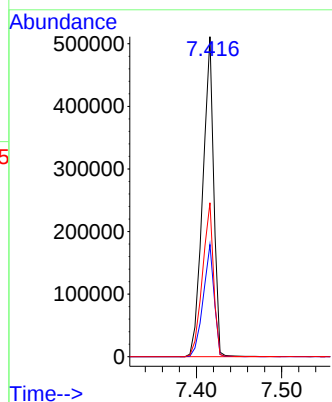
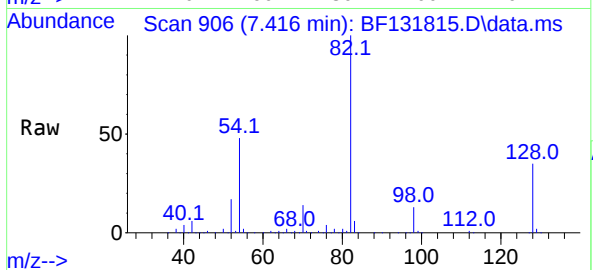




#23
Nitrobenzene-d5
Concen: 74.092 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

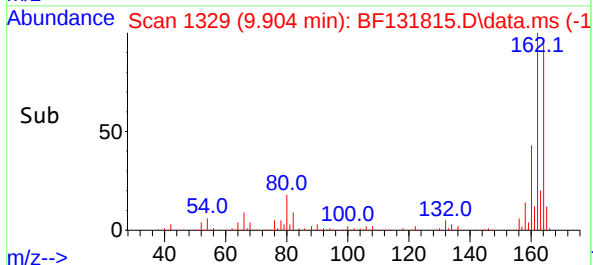
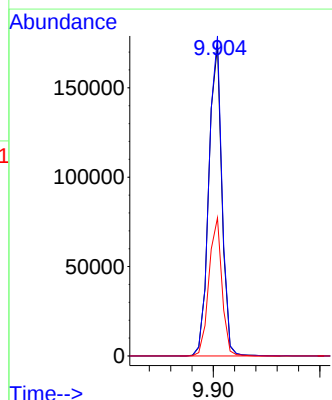
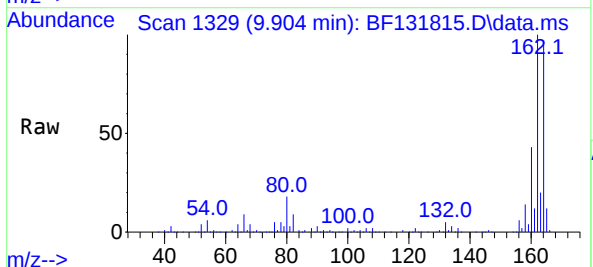
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1

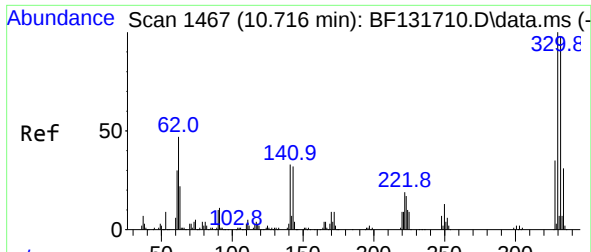
Tgt Ion: 82 Resp: 457582
Ion Ratio Lower Upper
82 100
128 35.1 27.3 40.9
54 48.1 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

Tgt Ion:164 Resp: 149018
Ion Ratio Lower Upper
164 100
162 103.0 83.7 125.5
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 75.269 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF131815.D

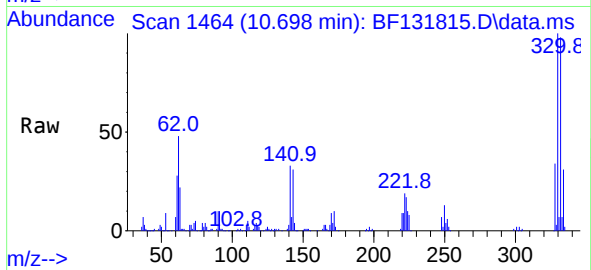
Acq: 23 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

CONC-GIS-1



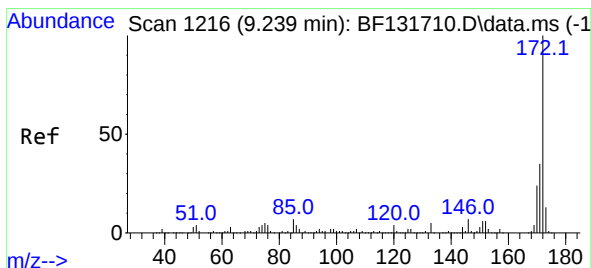
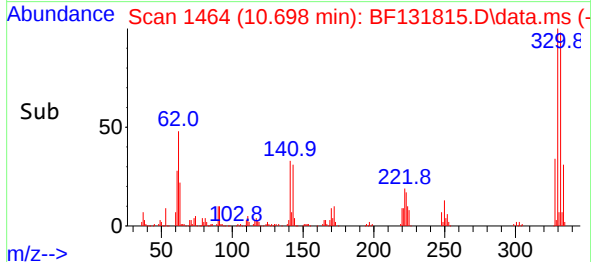
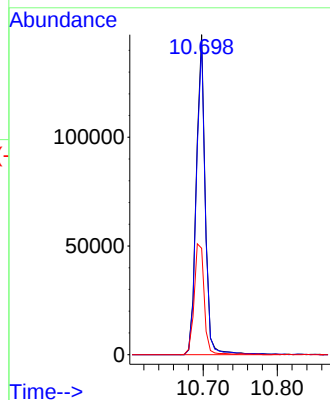
Tgt Ion:330 Resp: 122769

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 39.0 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 76.614 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF131815.D

Acq: 23 Dec 2022 19:55

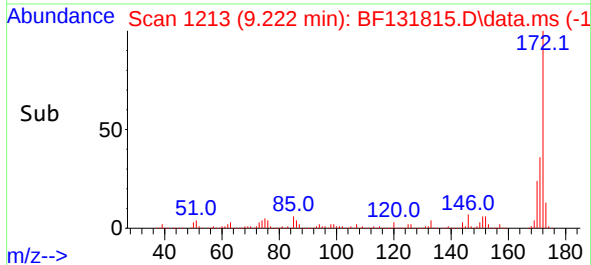
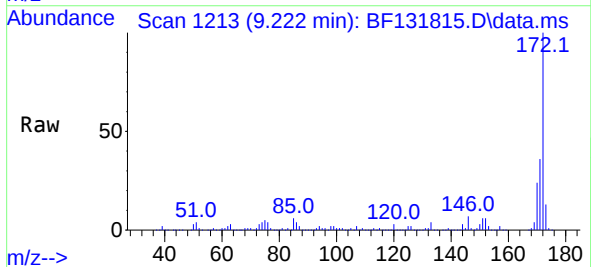
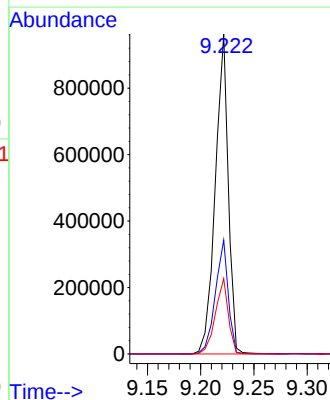
Tgt Ion:172 Resp: 815016

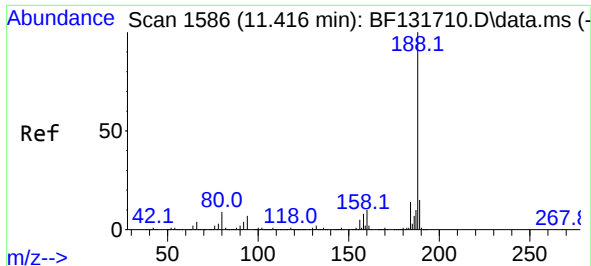
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.5 19.0 28.4

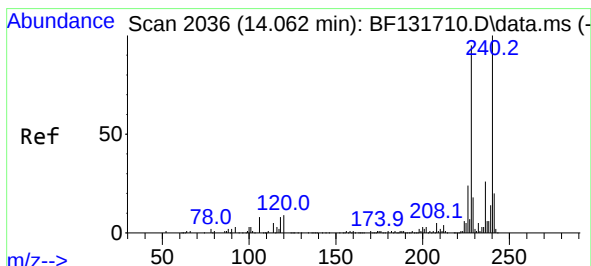
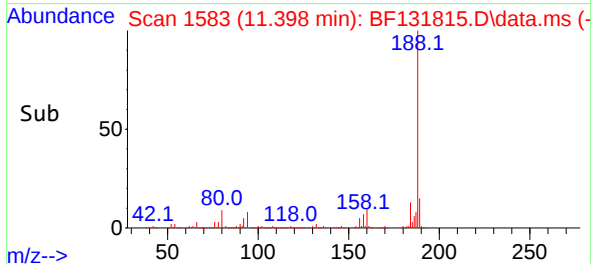
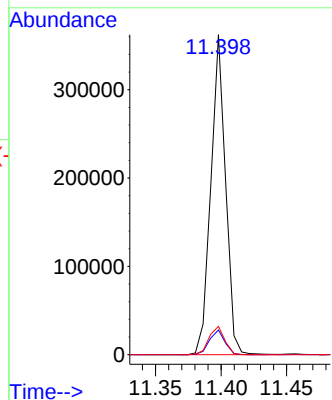
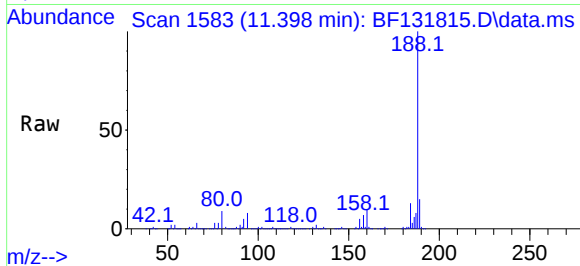




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

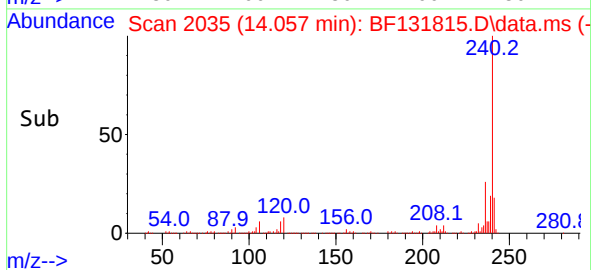
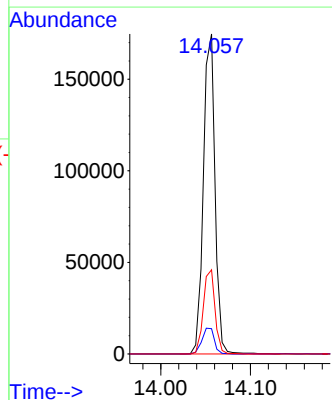
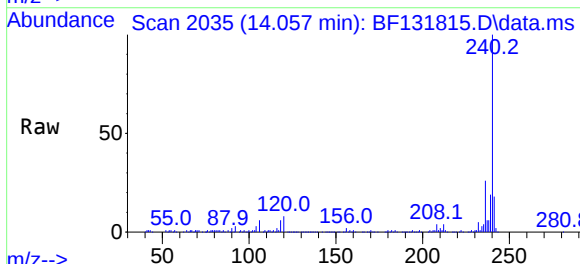
Instrument :
BNA_F
ClientSampleId :
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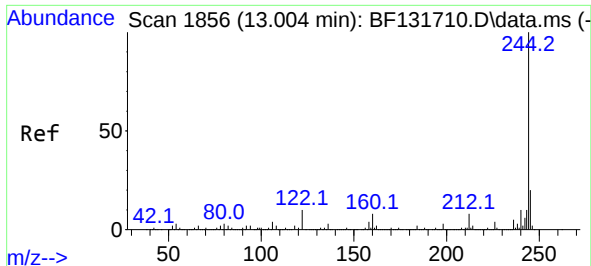
Tgt Ion:188 Resp: 283575
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.8 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

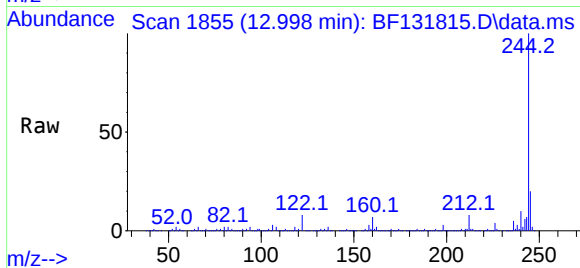
Tgt Ion:240 Resp: 157302
Ion Ratio Lower Upper
240 100
120 7.9 7.6 11.4
236 26.3 21.2 31.8



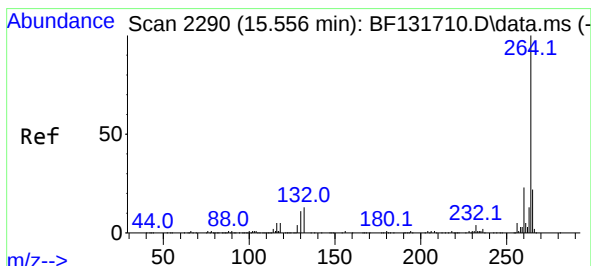
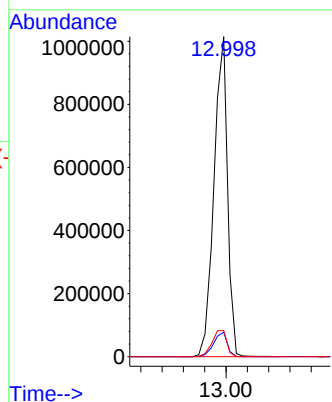
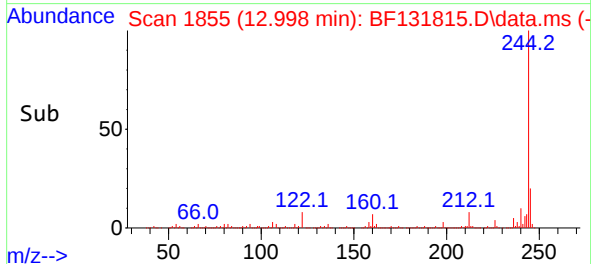


#79
Terphenyl-d14
Concen: 88.744 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55

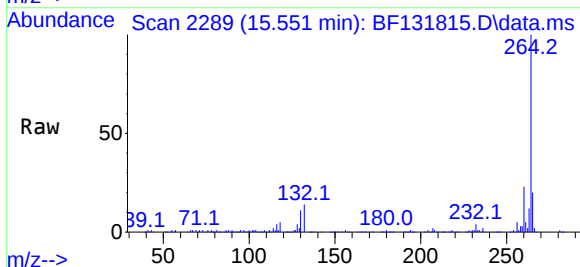
Instrument :
BNA_F
ClientSampleId :
CONC-GIS-1



Tgt Ion:244 Resp: 895697
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.1 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BF131815.D
Acq: 23 Dec 2022 19:55



Tgt Ion:264 Resp: 151990
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 20.4 17.4 26.2

