

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133106.D
 Acq On : 27 Apr 2023 18:25
 Operator : CG\JU
 Sample : 02502-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Quant Time: Apr 28 02:11:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	197417	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	805464	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	433852	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	802199	20.000	ng	0.00
76) Chrysene-d12	13.880	240	545595	20.000	ng	-0.02
86) Perylene-d12	15.304	264	439827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1454261	111.278	ng	0.01
7) Phenol-d6	6.375	99	1850083	114.055	ng	0.00
23) Nitrobenzene-d5	7.298	82	1096190	73.459	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	534271	122.449	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1988286	76.671	ng	0.00
79) Terphenyl-d14	12.839	244	2313394	73.128	ng	0.00

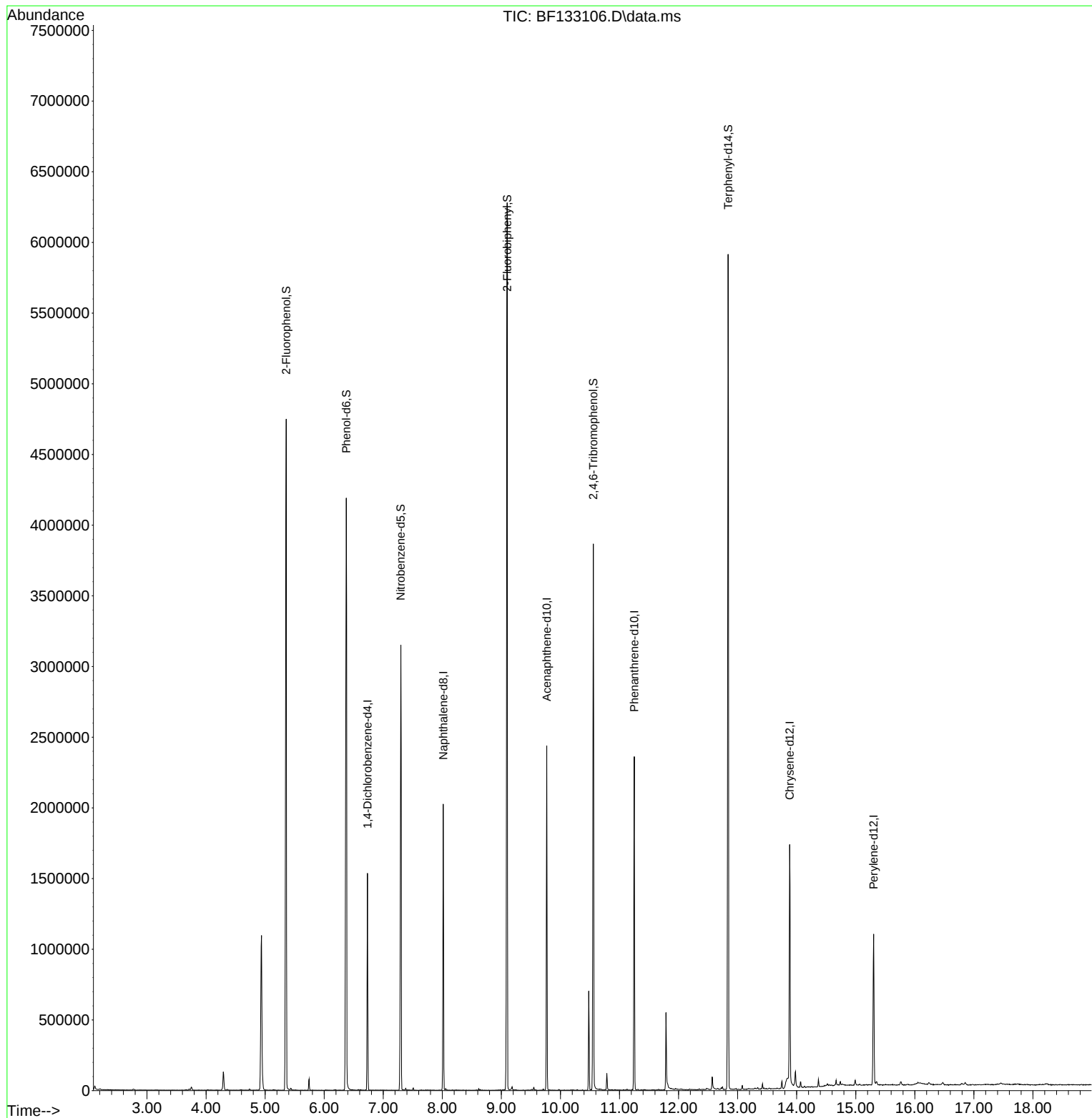
Target Compounds	Qvalue

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

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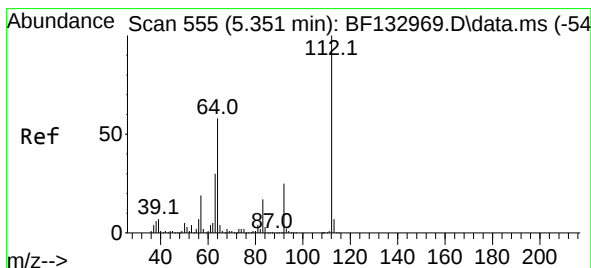
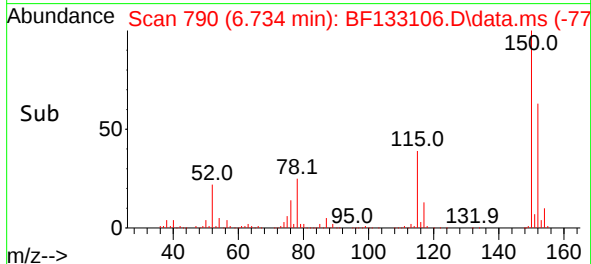
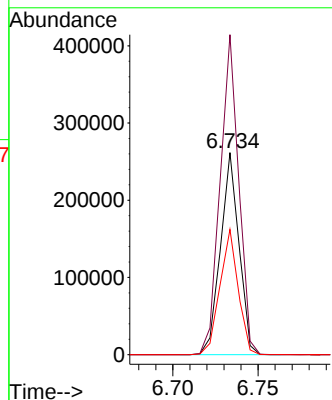
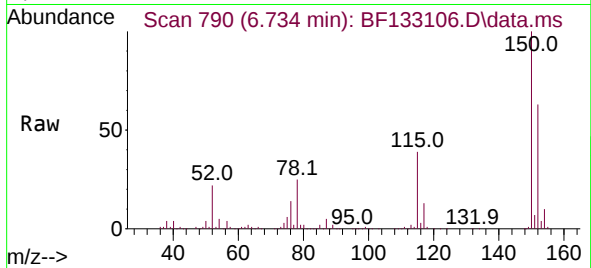




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

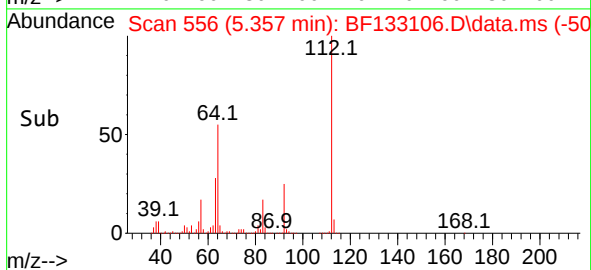
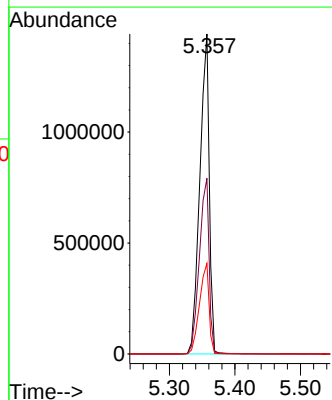
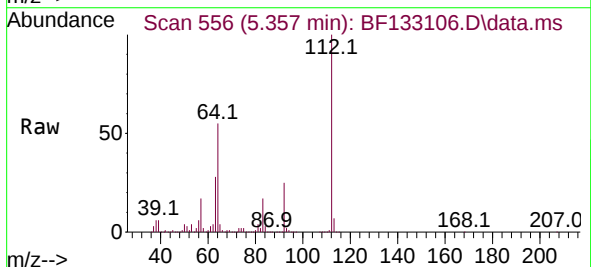
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Tgt Ion:152 Resp: 197417
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.8 187.2
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.278 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

Tgt Ion:112 Resp: 1454261
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.8 70.2
 63 28.3 23.8 35.8

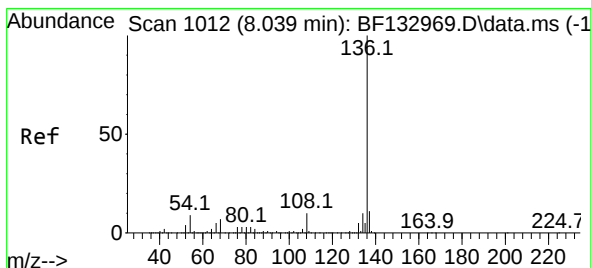
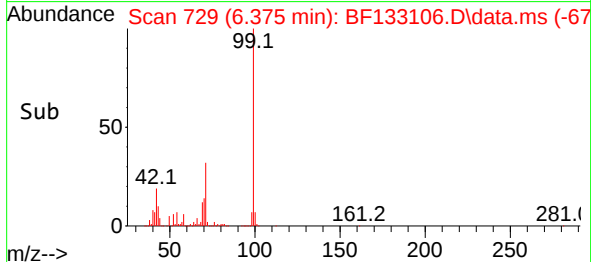
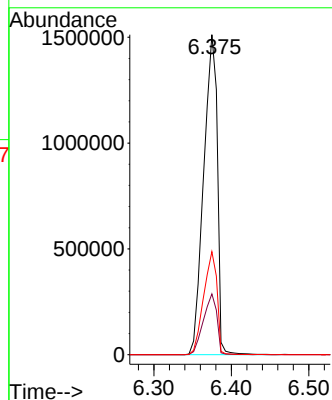
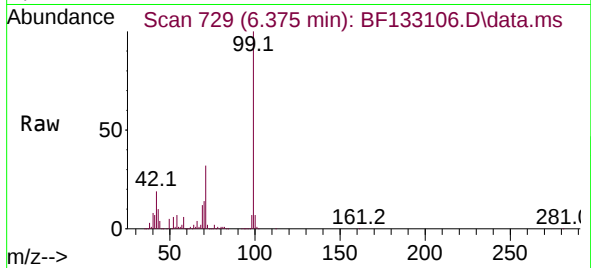




#7
Phenol-d6
Concen: 114.055 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

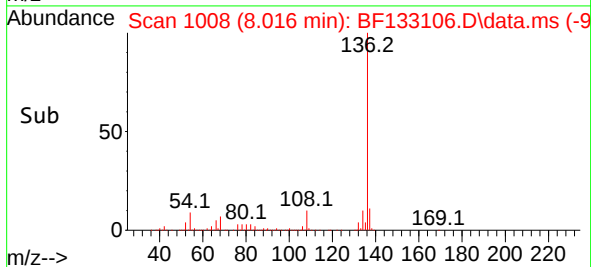
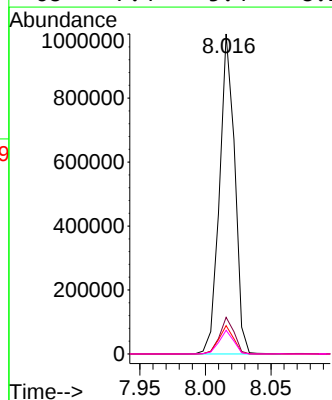
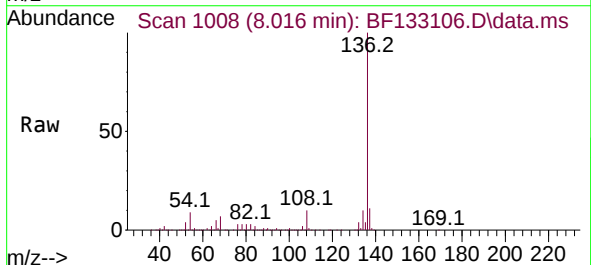
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

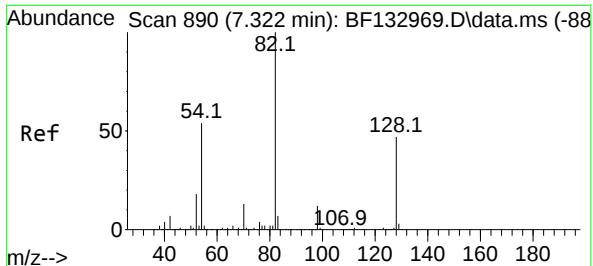
Tgt Ion: 99 Resp: 1850083
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion: 136 Resp: 805464
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.8 7.0 10.4
68 7.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.459 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Instrument :

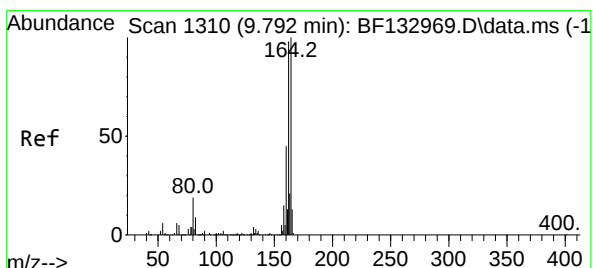
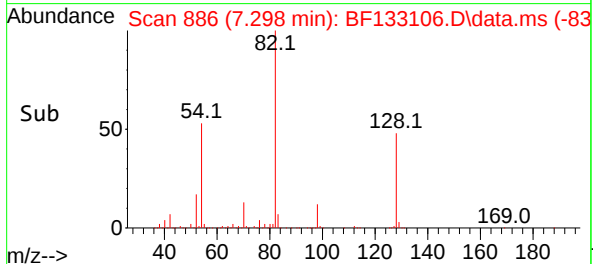
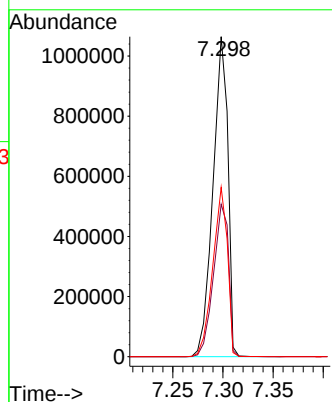
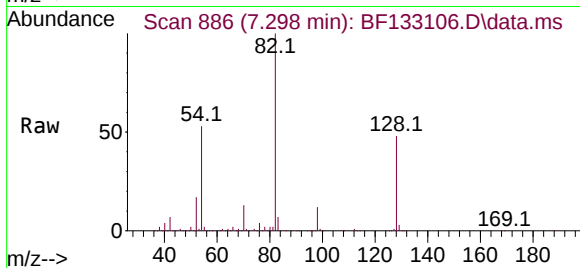
BNA_F

ClientSampleId :

BU-511-COMP-02

Tgt Ion: 82 Resp: 1096190

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	52.9	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

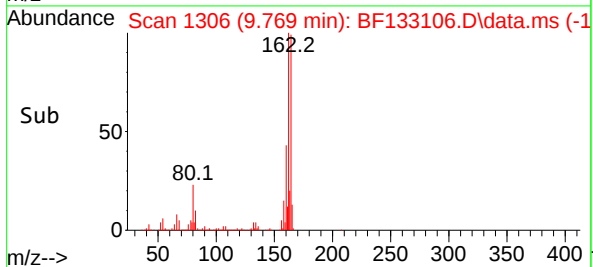
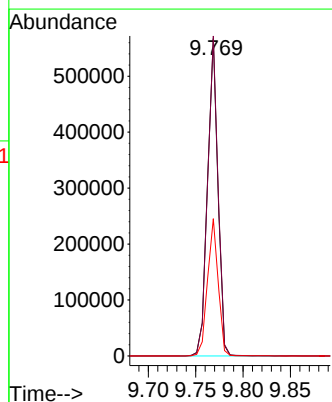
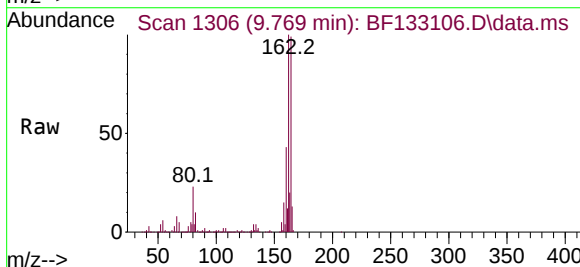
Delta R.T. -0.006 min

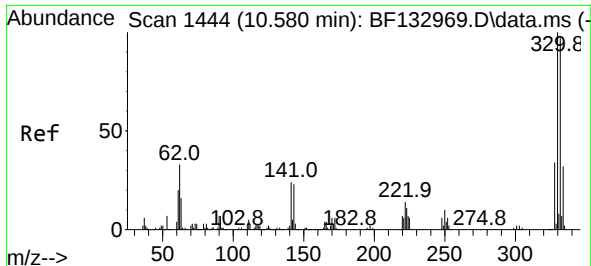
Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Tgt Ion: 164 Resp: 433852

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.7	118.1
160	43.2	35.8	53.6

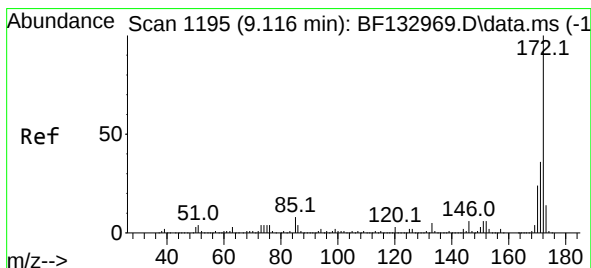
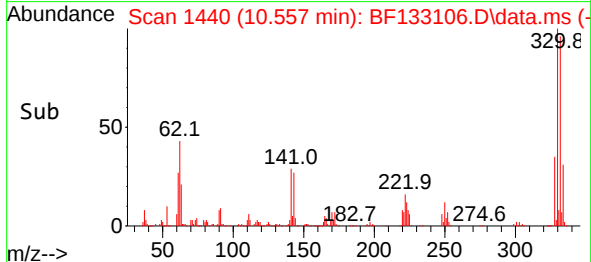
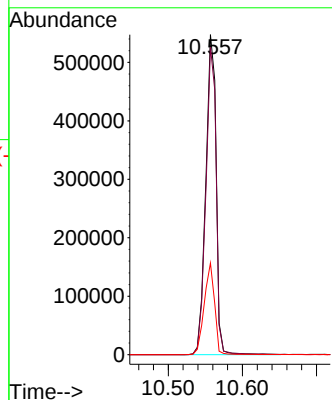
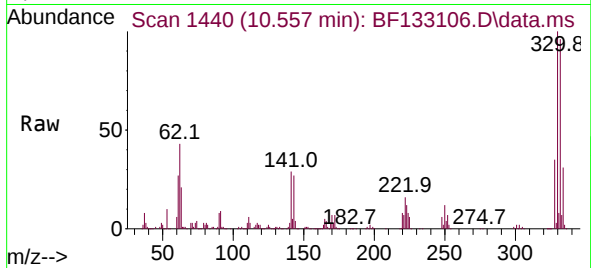




#42
 2,4,6-Tribromophenol
 Concen: 122.449 ng
 RT: 10.557 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

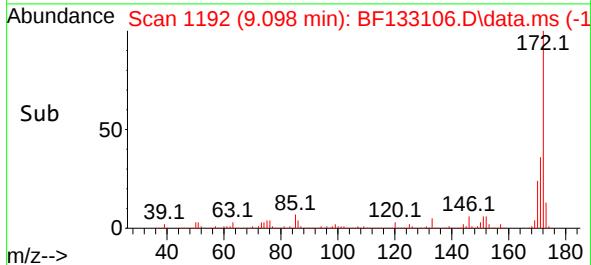
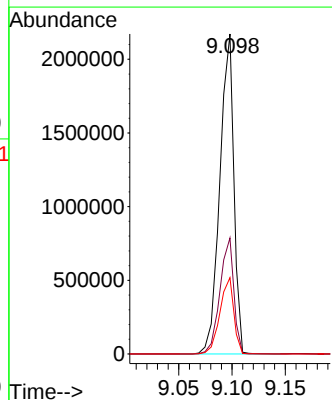
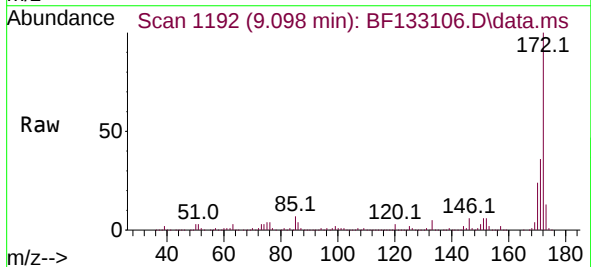
Instrument :
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 ClientSampleId :
 BU-511-COMP-02

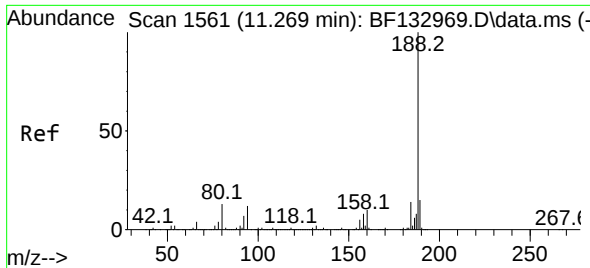
Tgt Ion:330 Resp: 534271
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 28.4 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 76.671 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

Tgt Ion:172 Resp: 1988286
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 23.9 19.4 29.2

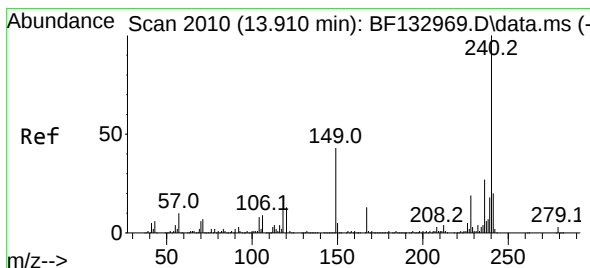
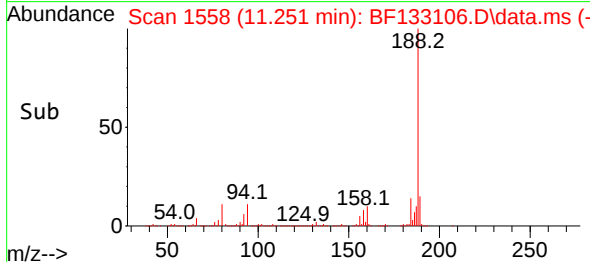
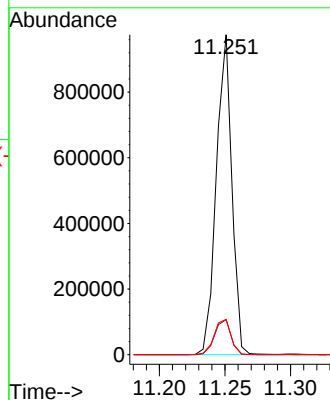
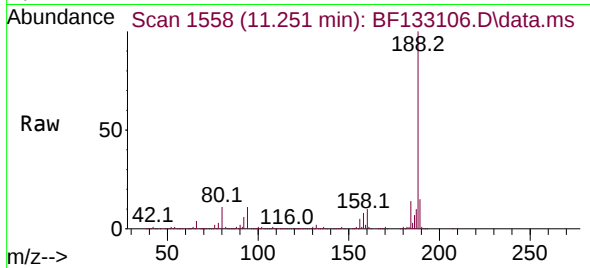




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

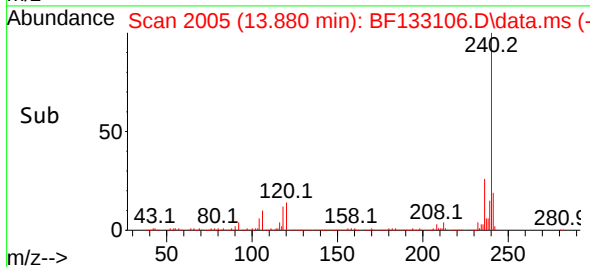
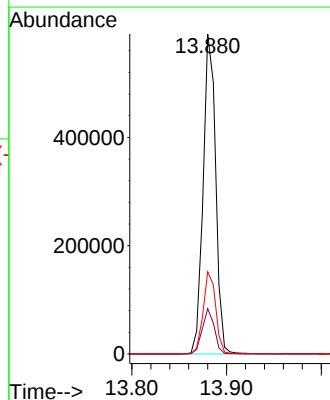
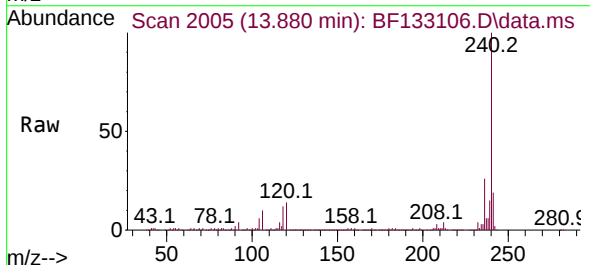
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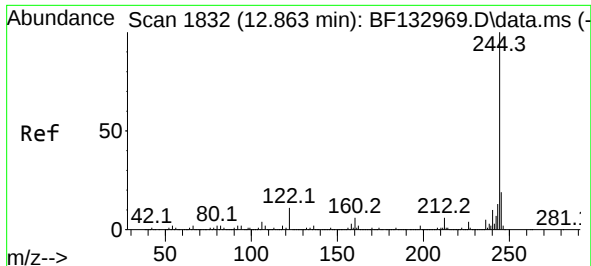
Tgt Ion:188 Resp: 802199
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

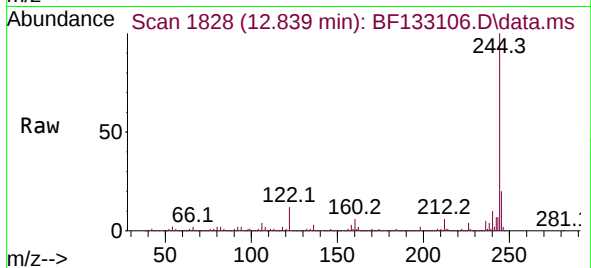
Tgt Ion:240 Resp: 545595
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 25.7 21.5 32.3



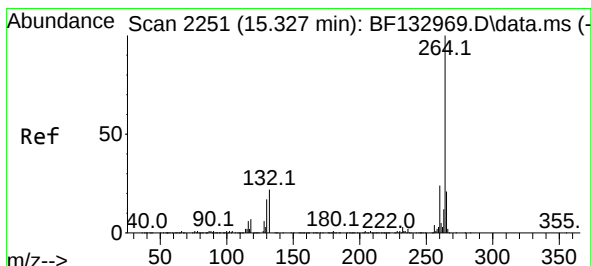
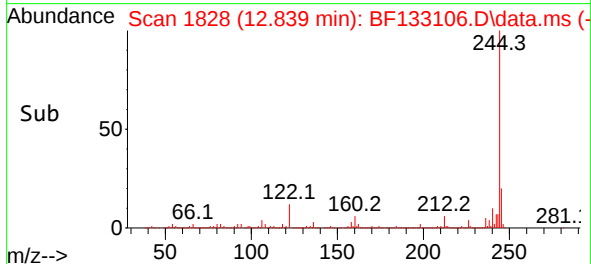
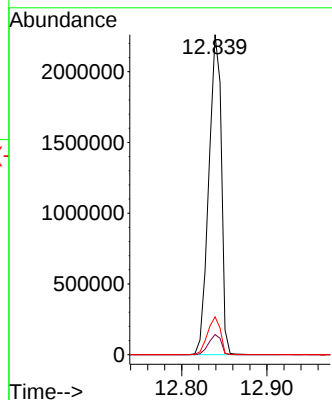


#79
 Terphenyl-d14
 Concen: 73.128 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2313394
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

Tgt Ion:264 Resp: 439827
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.2 17.0 25.4

