

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132715.D
 Acq On : 09 Mar 2023 13:30
 Operator : CG\JU
 Sample : 01829-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-09-20230306

Quant Time: Mar 09 15:55:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	181344	20.000	ng	-0.01
21) Naphthalene-d8	8.263	136	658055	20.000	ng	-0.02
39) Acenaphthene-d10	10.022	164	323505	20.000	ng	-0.02
64) Phenanthrene-d10	11.522	188	489057	20.000	ng	-0.01
76) Chrysene-d12	14.180	240	395345	20.000	ng	-0.02
86) Perylene-d12	15.721	264	381498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	874094	78.229	ng	0.00
7) Phenol-d6	6.610	99	1123309	77.031	ng	-0.01
23) Nitrobenzene-d5	7.540	82	721937	52.050	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	225921	64.665	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1217263	57.294	ng	-0.02
79) Terphenyl-d14	13.110	244	1076148	46.023	ng	-0.02

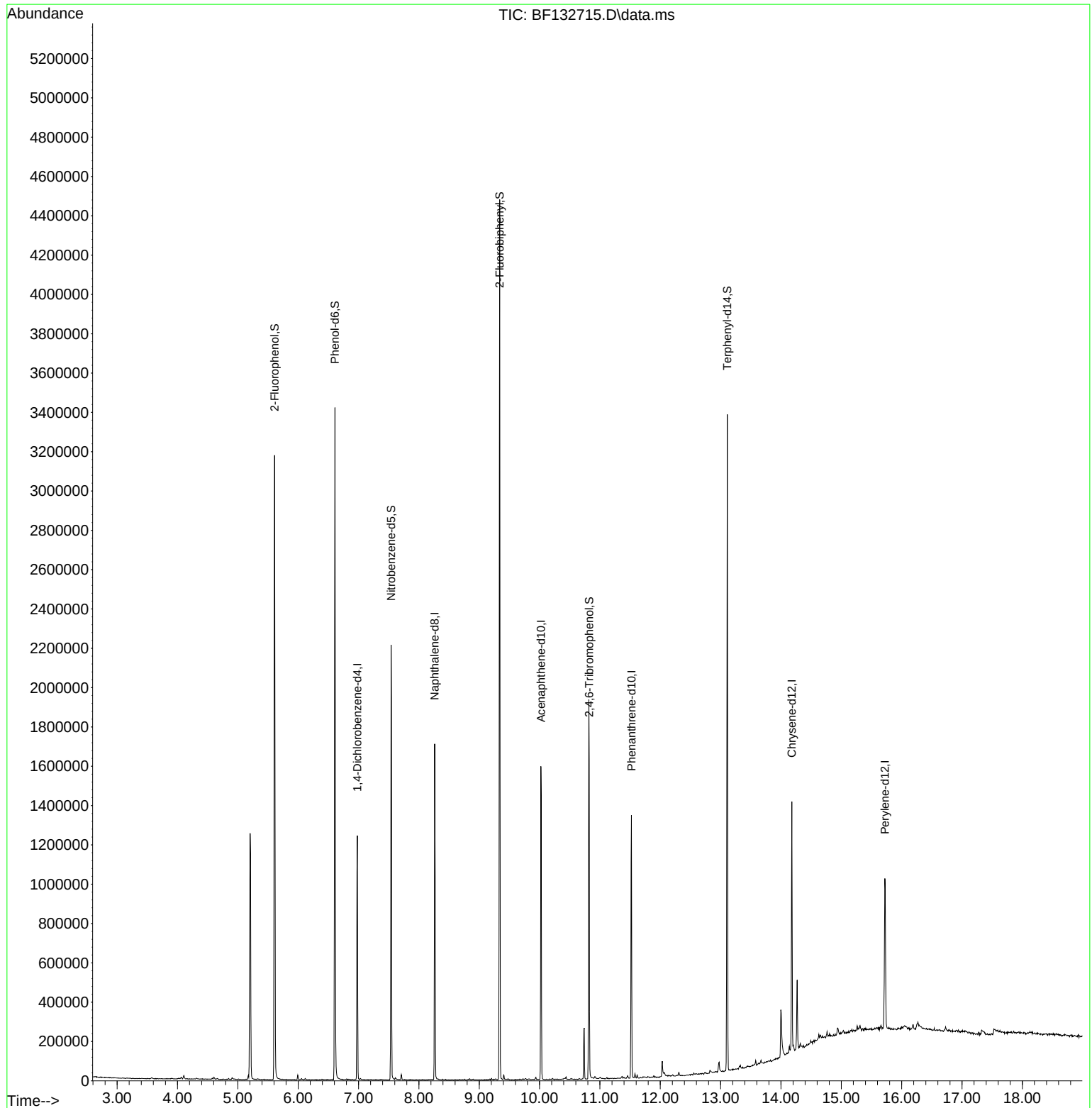
Target Compounds	Qvalue

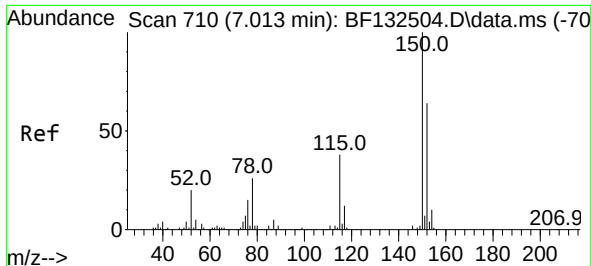
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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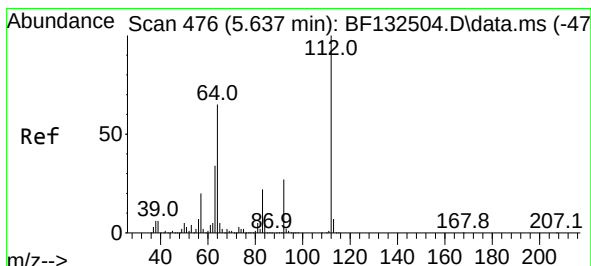
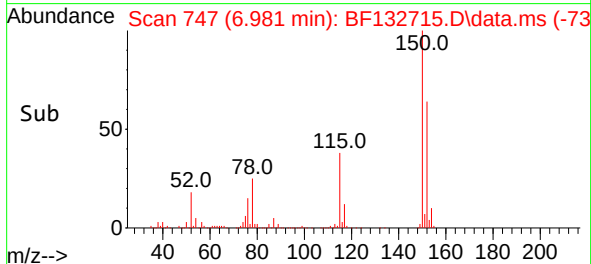
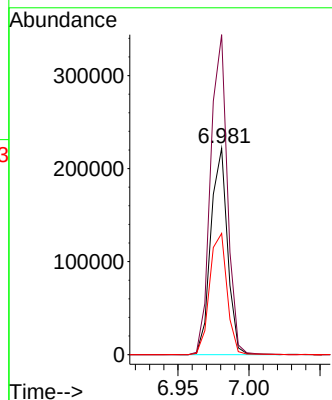
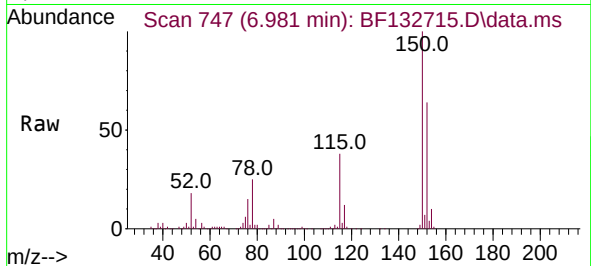




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

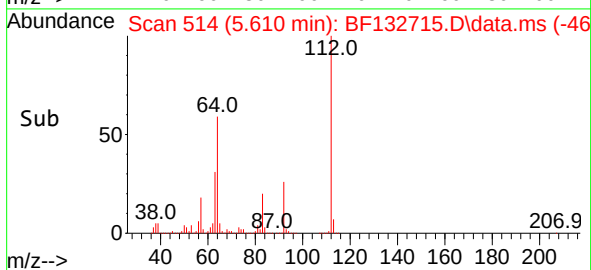
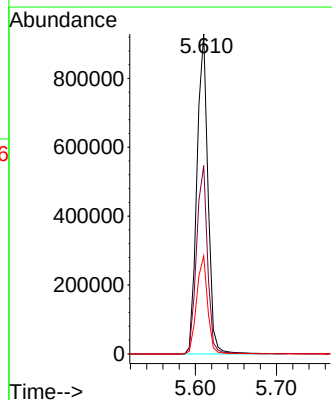
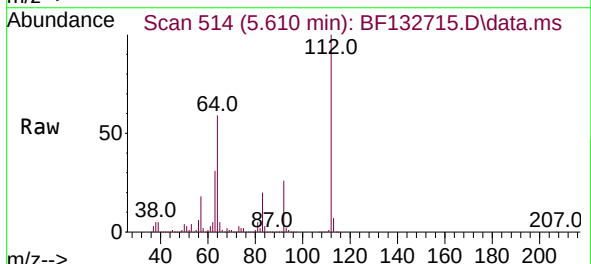
Instrument :
 BNA_F
 ClientSampleId :
 SS-09-20230306

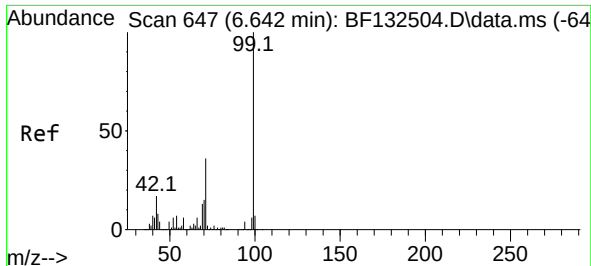
Tgt Ion:152 Resp: 181344
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.4 188.2
 115 58.8 47.8 71.6



#5
 2-Fluorophenol
 Concen: 78.229 ng
 RT: 5.610 min Scan# 514
 Delta R.T. -0.006 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

Tgt Ion:112 Resp: 874094
 Ion Ratio Lower Upper
 112 100
 64 58.8 51.6 77.4
 63 30.6 27.4 41.2





#7

Phenol-d6

Concen: 77.031 ng

RT: 6.610 min Scan# 61

Delta R.T. -0.012 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

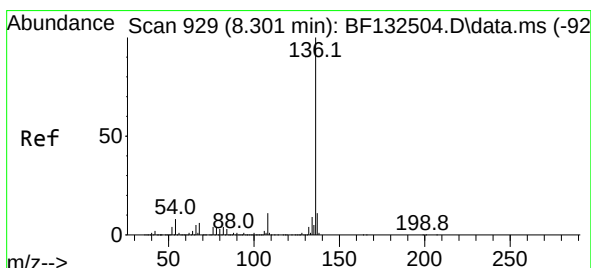
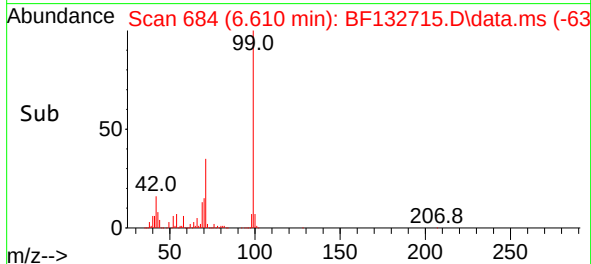
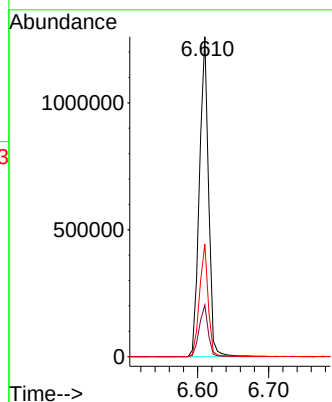
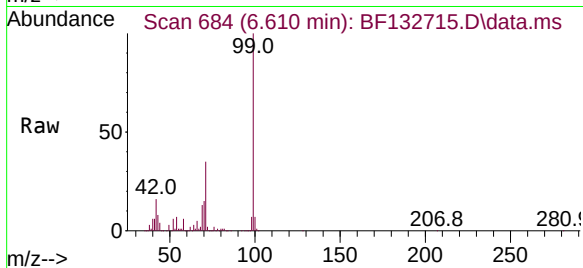
BNA_F

ClientSampleId :

SS-09-20230306

Tgt Ion: 99 Resp: 1123309

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.9	20.9
71	35.1	28.5	42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.263 min Scan# 965

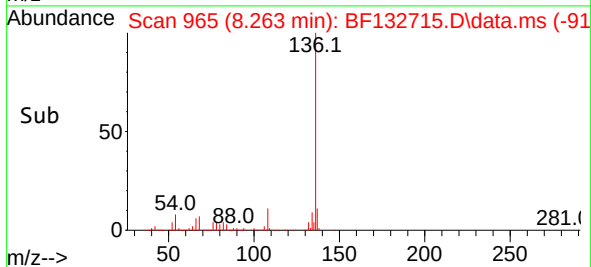
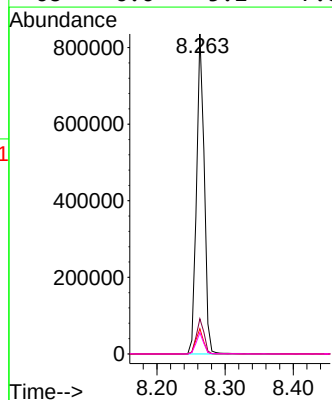
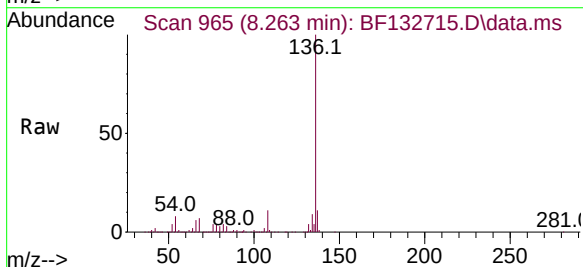
Delta R.T. -0.018 min

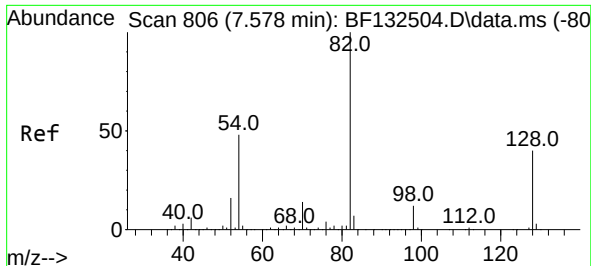
Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Tgt Ion: 136 Resp: 658055

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.2	9.4
68	6.6	5.2	7.8

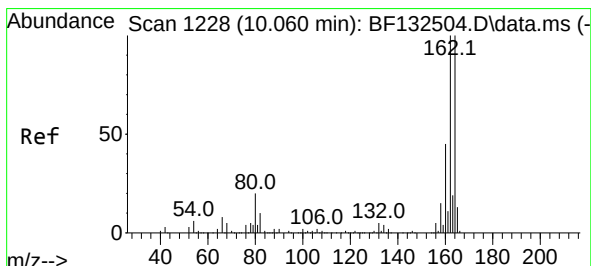
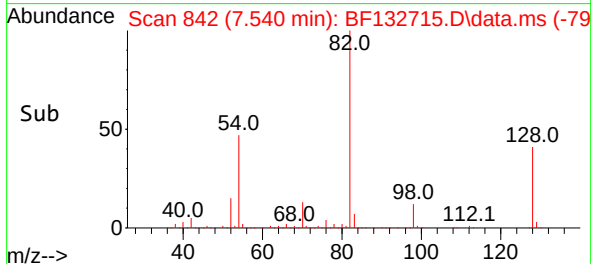
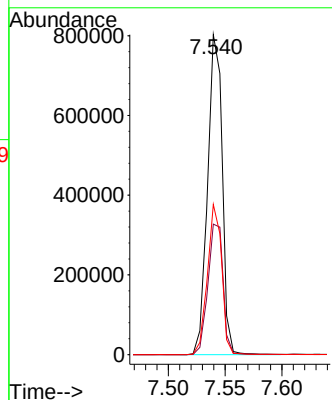
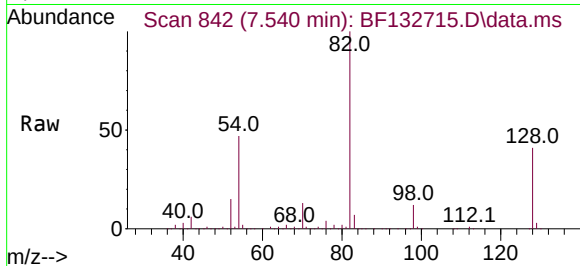




#23
Nitrobenzene-d5
Concen: 52.050 ng
RT: 7.540 min Scan# 84
Delta R.T. -0.024 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

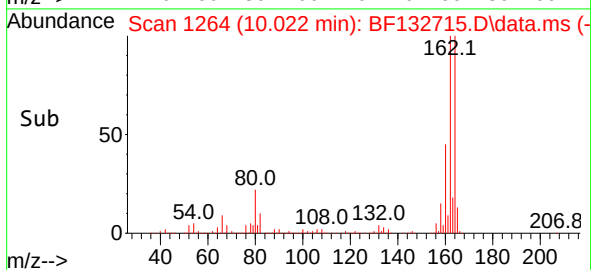
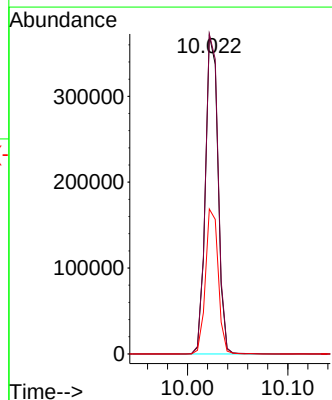
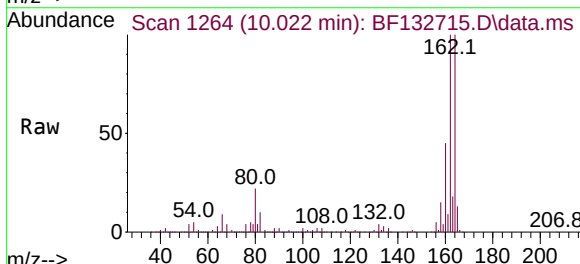
Instrument :
BNA_F
ClientSampleId :
SS-09-20230306

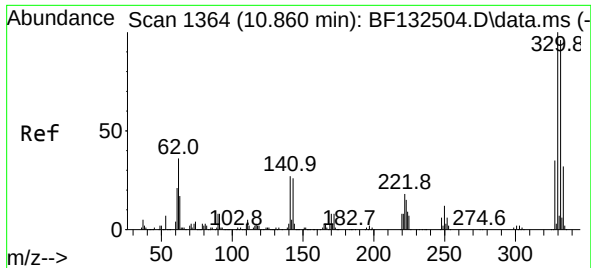
Tgt Ion: 82 Resp: 721937
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 46.9 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1264
Delta R.T. -0.018 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

Tgt Ion:164 Resp: 323505
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 64.665 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

SS-09-20230306

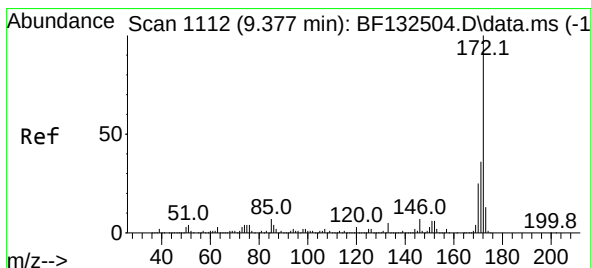
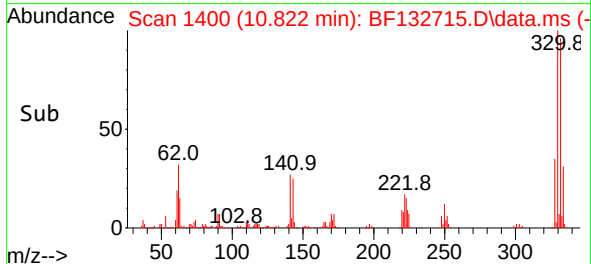
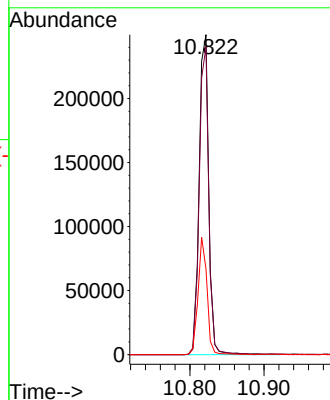
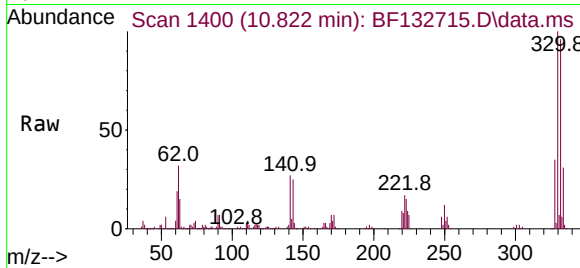
Tgt Ion:330 Resp: 225921

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 34.1 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 57.294 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.018 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

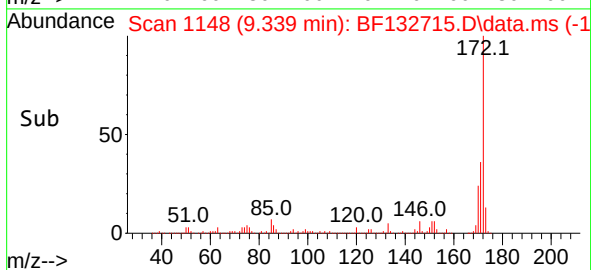
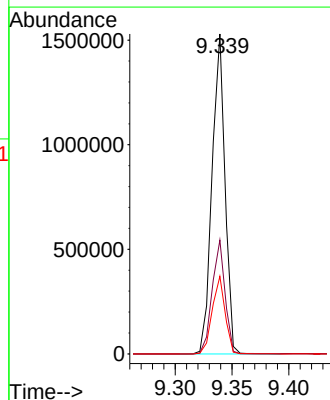
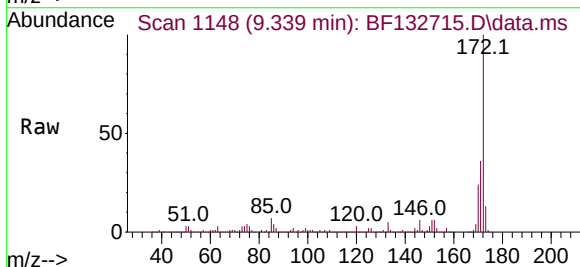
Tgt Ion:172 Resp: 1217263

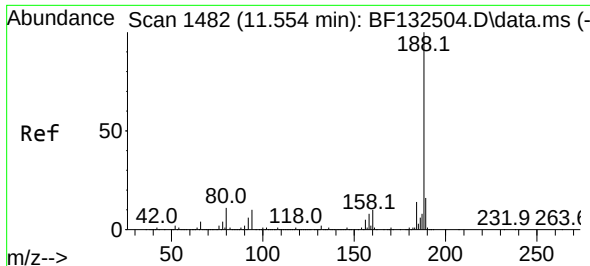
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.2 19.7 29.5

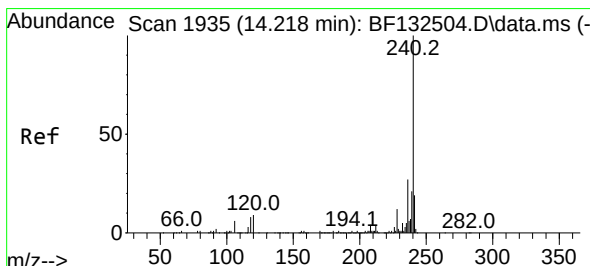
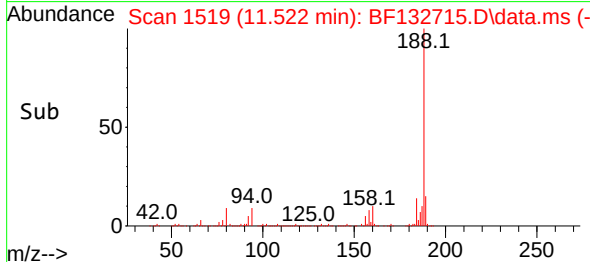
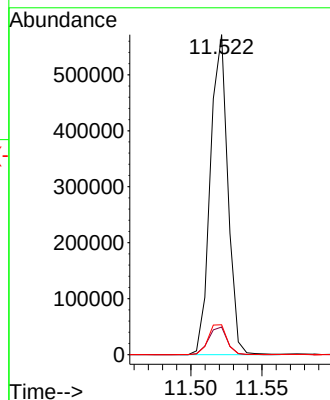
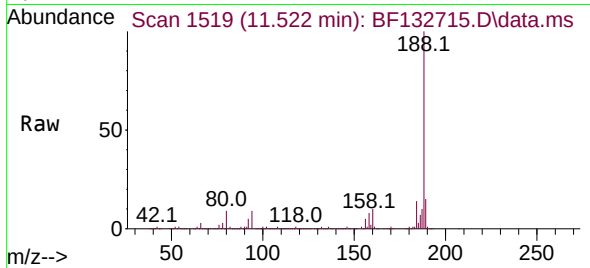




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

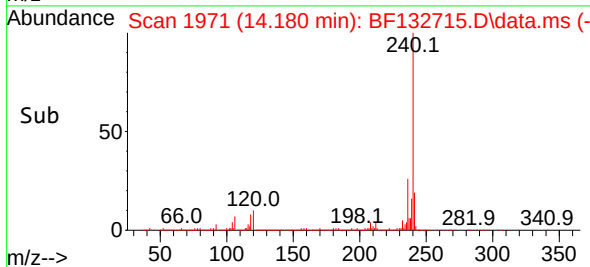
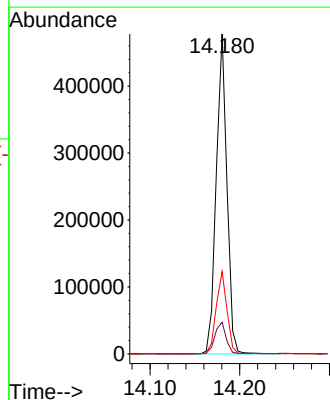
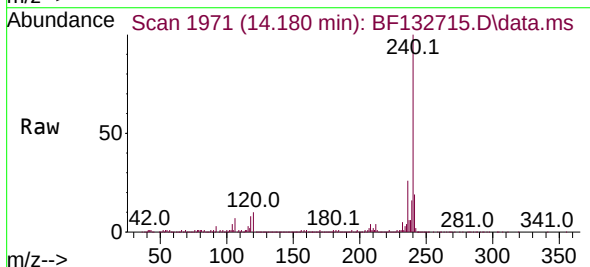
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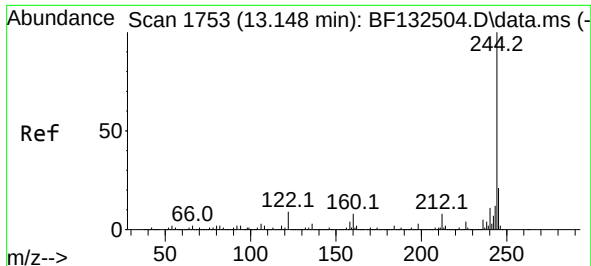
Tgt Ion:188 Resp: 489057
Ion Ratio Lower Upper
188 100
94 8.6 8.3 12.5
80 9.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

Tgt Ion:240 Resp: 395345
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 25.7 21.8 32.6

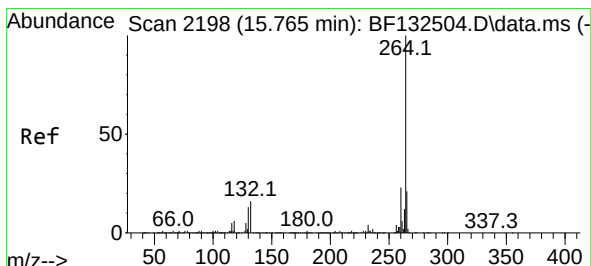
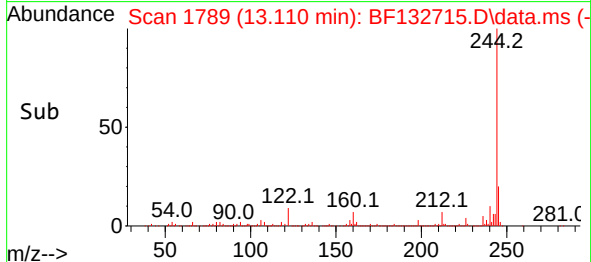
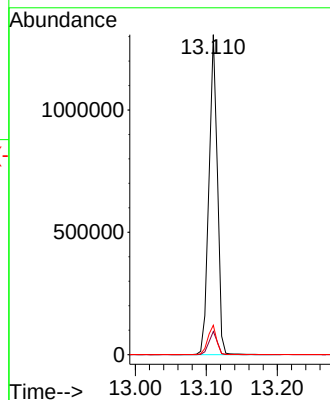
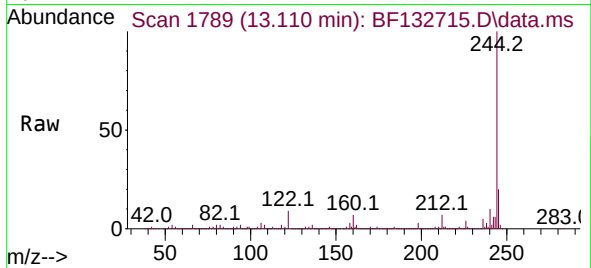




#79
 Terphenyl-d14
 Concen: 46.023 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SS-09-20230306

Tgt Ion:244 Resp: 1076148
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.018 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

Tgt Ion:264 Resp: 381498
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.4 17.1 25.7

