

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137425.D
 Acq On : 28 Feb 2024 16:22
 Operator : CG\JU
 Sample : PB159325BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159325BL

Quant Time: Feb 28 17:03:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	263056	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1057875	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	569133	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	1038400	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	712533	20.000	ng	-0.01
86) Perylene-d12	15.457	264	527205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2113513	123.974	ng	0.00
7) Phenol-d6	6.428	99	2928654	116.782	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1912362	90.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	610350	123.153	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2961563	81.013	ng	-0.01
79) Terphenyl-d14	12.922	244	3518891	69.075	ng	0.00

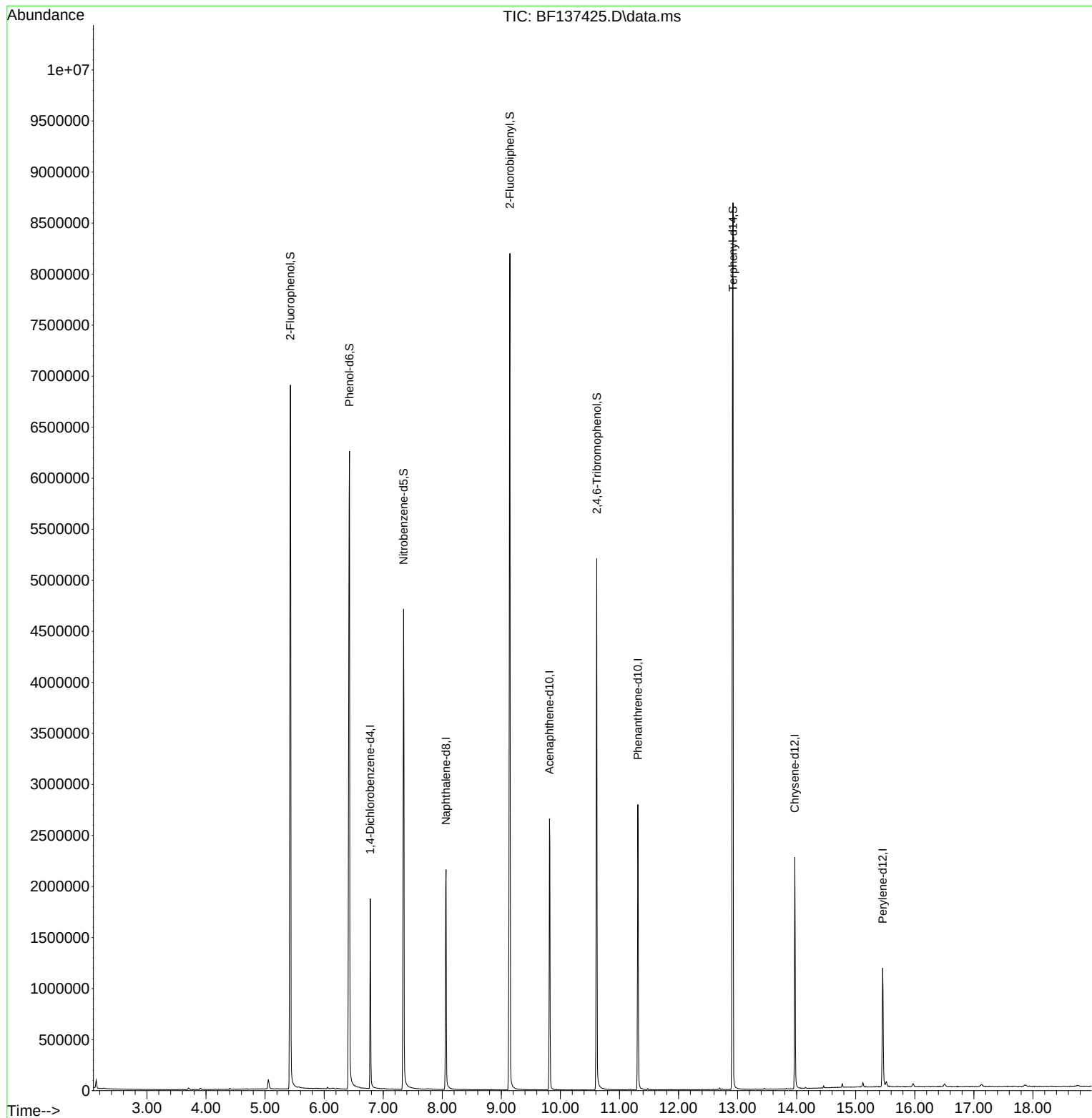
Target Compounds	Qvalue

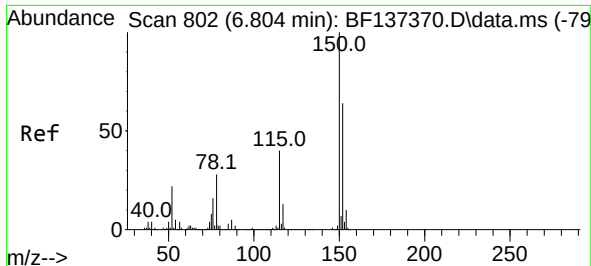
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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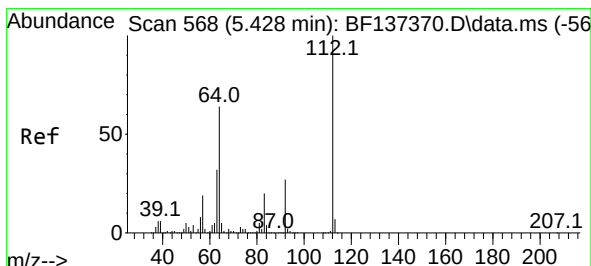
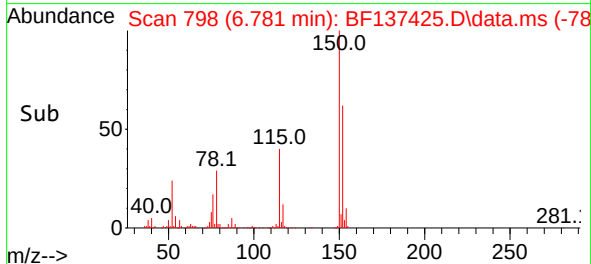
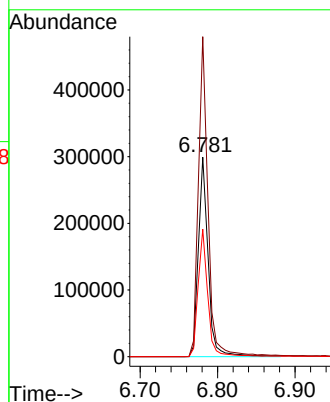
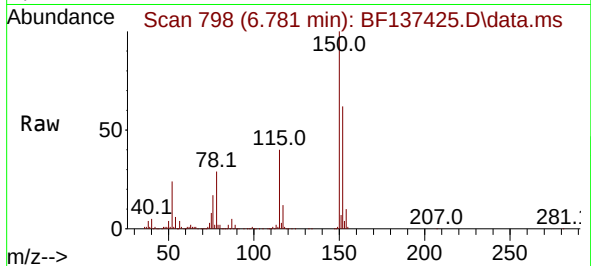




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.023 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

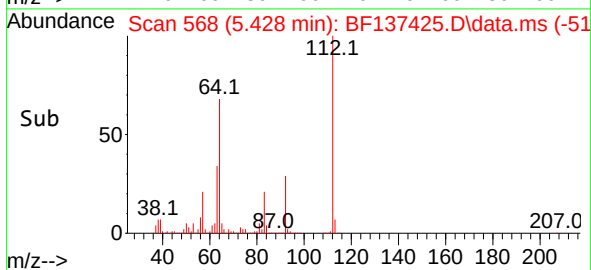
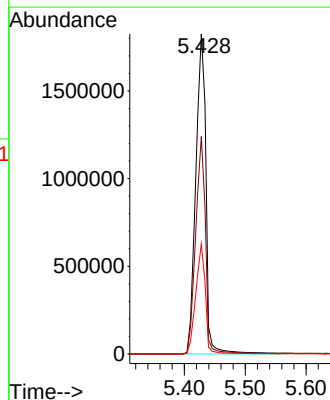
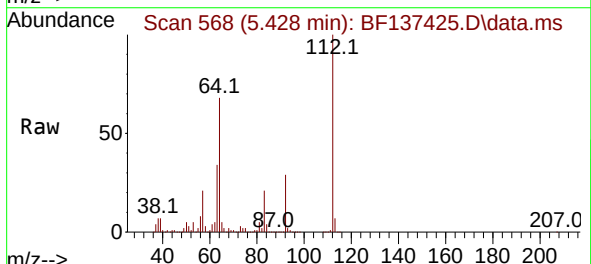
Instrument :
 BNA_F
 ClientSampleId :
 PB159325BL

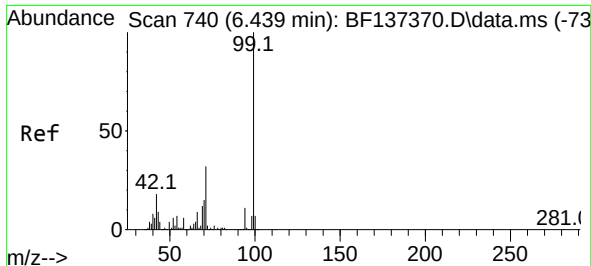
Tgt Ion:152 Resp: 263056
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.7 188.5
 115 63.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 123.974 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

Tgt Ion:112 Resp: 2113513
 Ion Ratio Lower Upper
 112 100
 64 67.9 51.0 76.6
 63 34.3 25.7 38.5

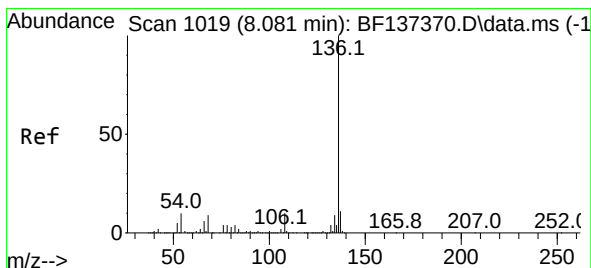
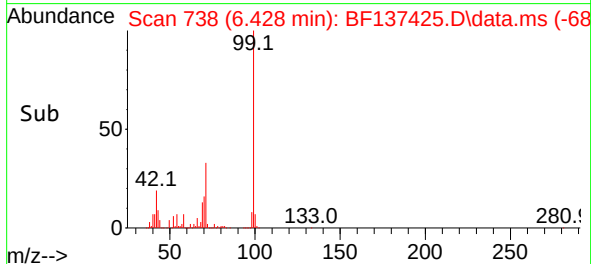
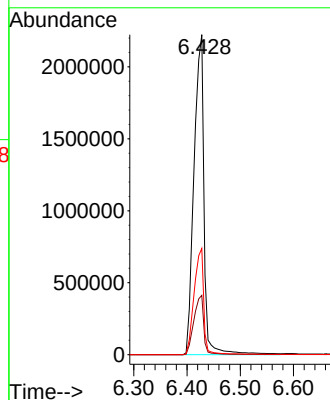
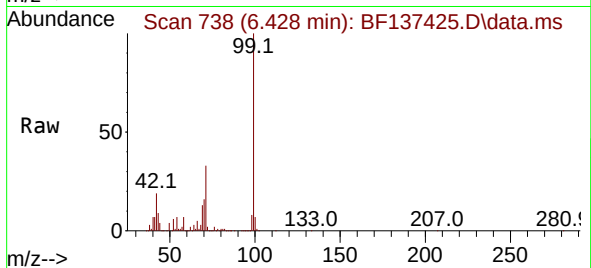




#7
Phenol-d6
Concen: 116.782 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

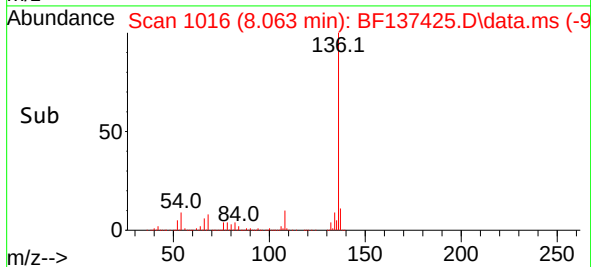
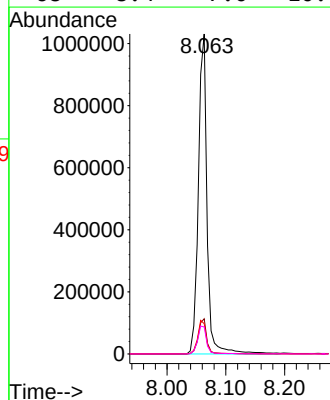
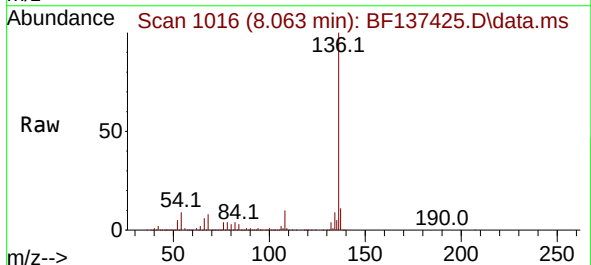
Instrument :
BNA_F
ClientSampleId :
PB159325BL

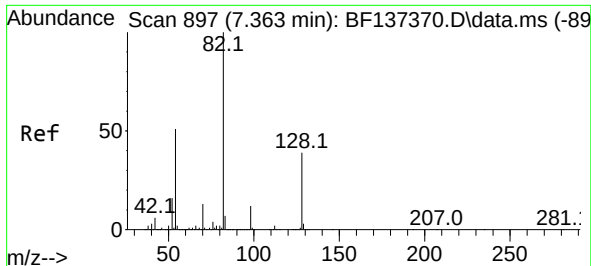
Tgt Ion: 99 Resp: 2928654
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 33.2 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion: 136 Resp: 1057875
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.8 11.6
68 8.4 7.0 10.4





#23

Nitrobenzene-d5

Concen: 90.250 ng

RT: 7.345 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Instrument :

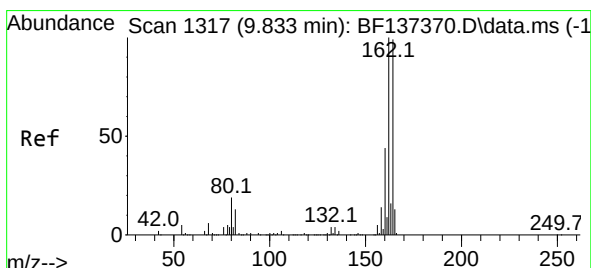
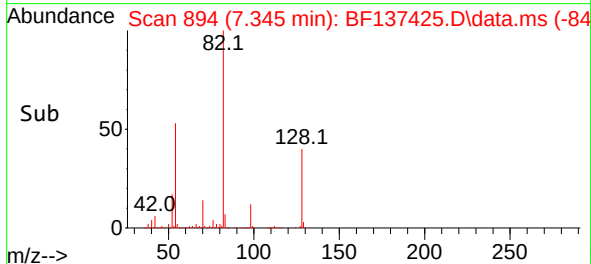
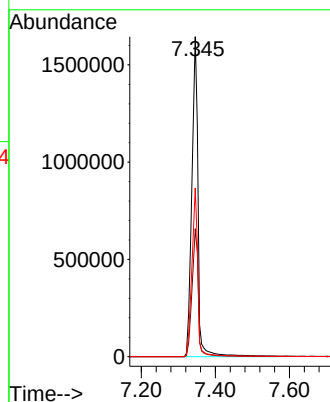
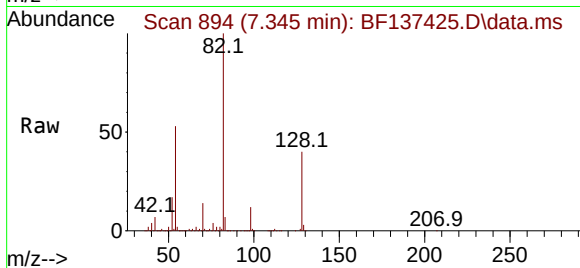
BNA_F

ClientSampleId :

PB159325BL

Tgt Ion: 82 Resp: 1912362

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.8	46.2
54	52.7	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

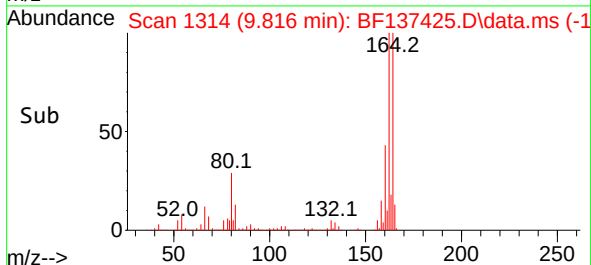
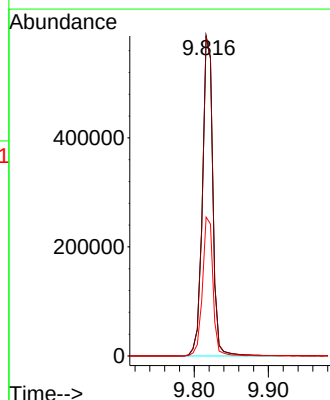
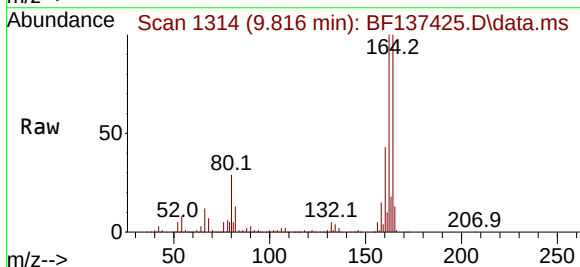
Delta R.T. -0.018 min

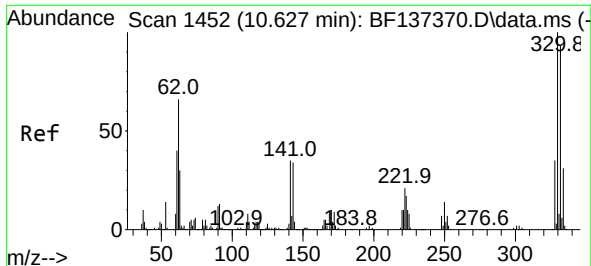
Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Tgt Ion: 164 Resp: 569133

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.2	121.8
160	43.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 123.153 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

Instrument :

BNA_F

ClientSampleId :

PB159325BL

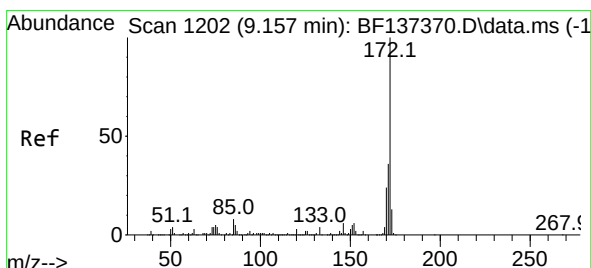
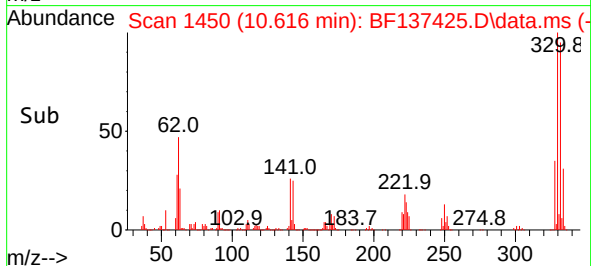
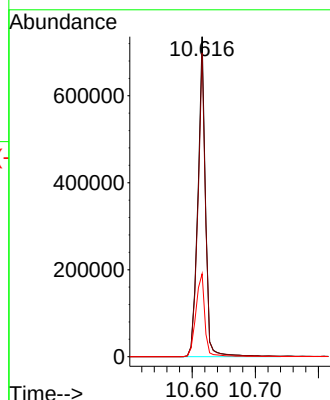
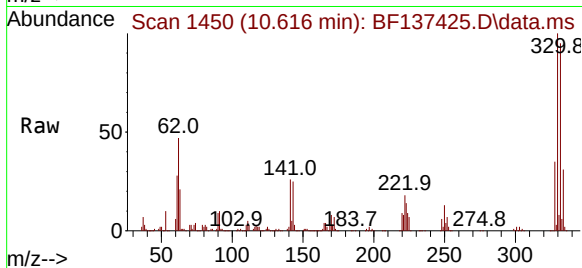
Tgt Ion:330 Resp: 610350

Ion Ratio Lower Upper

330 100

332 95.9 75.6 113.4

141 31.2 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 81.013 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137425.D

Acq: 28 Feb 2024 16:22

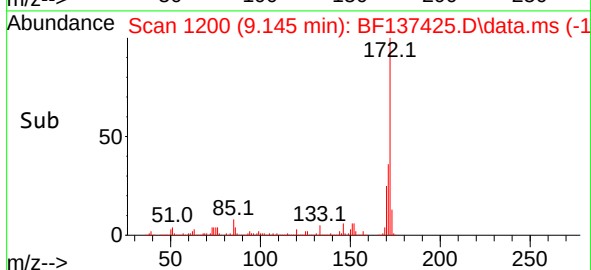
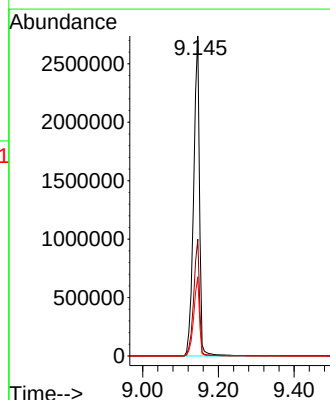
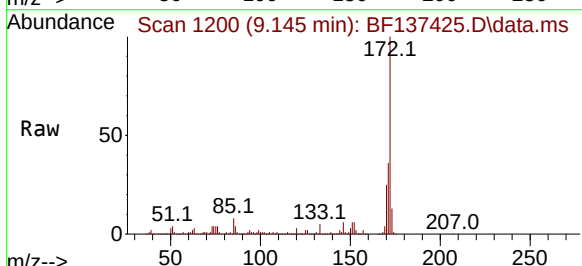
Tgt Ion:172 Resp: 2961563

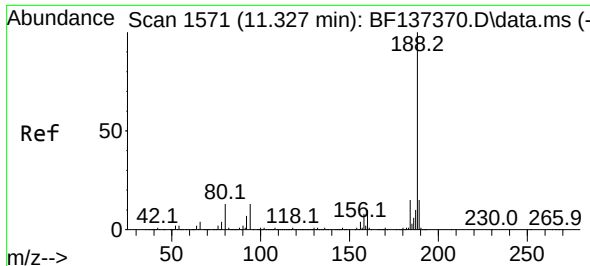
Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 24.7 19.5 29.3

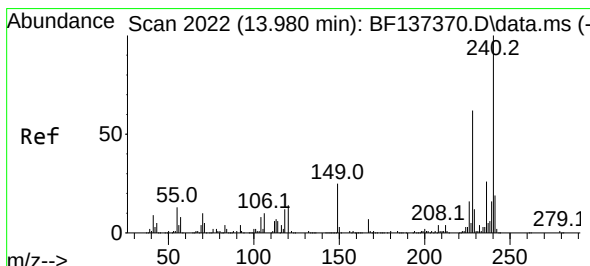
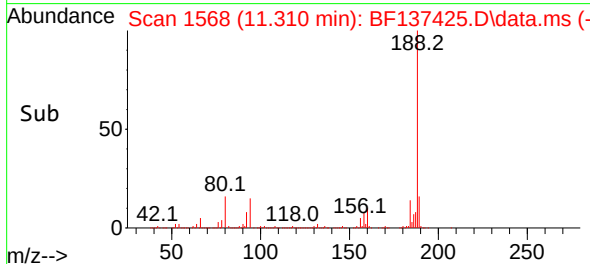
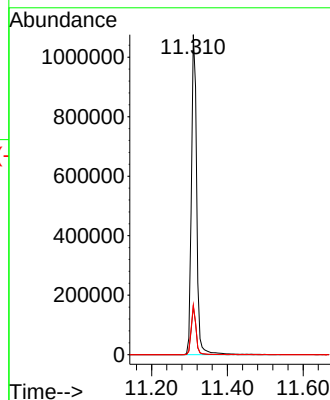
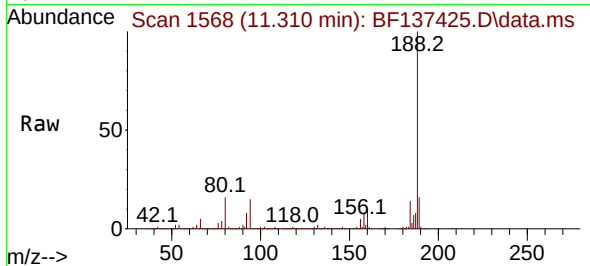




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

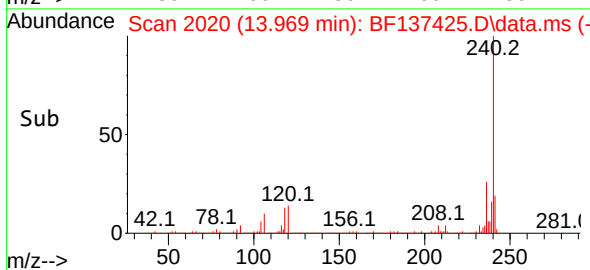
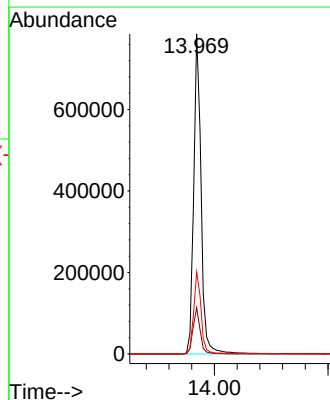
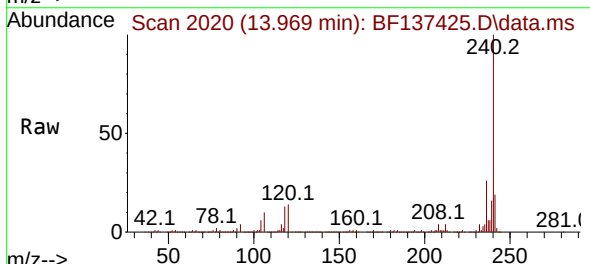
Instrument :
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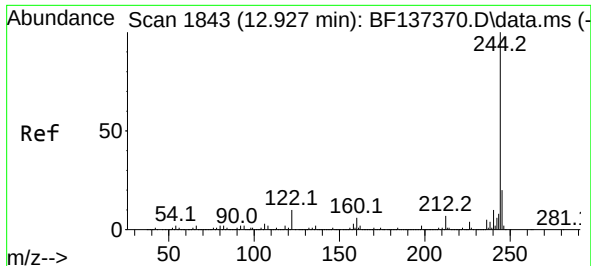
Tgt Ion:188 Resp: 1038400
Ion Ratio Lower Upper
188 100
94 15.1 10.2 15.2
80 15.5 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137425.D
Acq: 28 Feb 2024 16:22

Tgt Ion:240 Resp: 712533
Ion Ratio Lower Upper
240 100
120 14.4 11.3 16.9
236 25.7 20.5 30.7

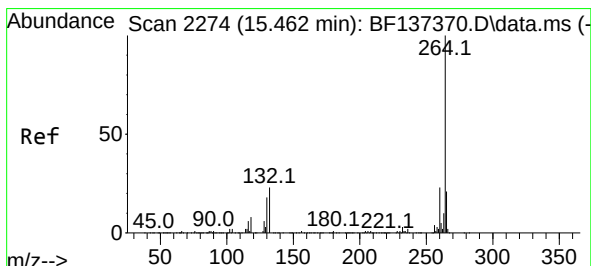
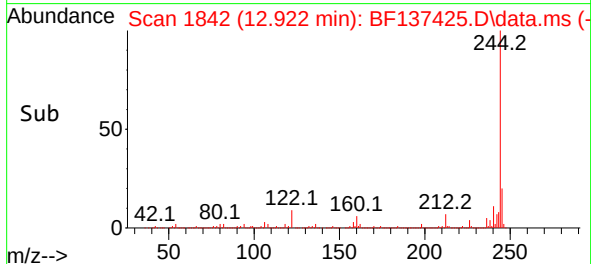
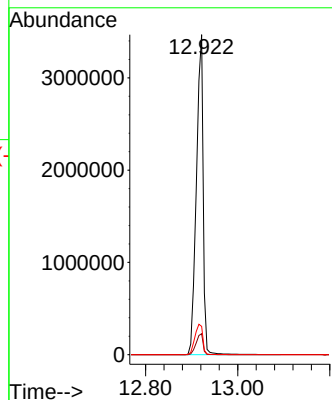
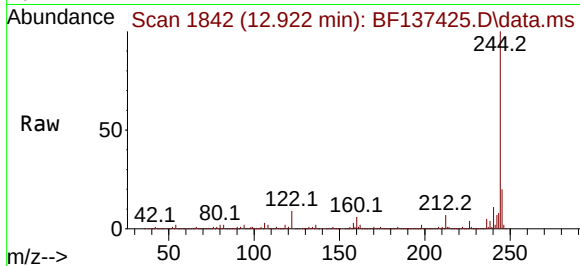




#79
 Terphenyl-d14
 Concen: 69.075 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB159325BL

Tgt Ion:244 Resp: 3518891
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 8.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137425.D
 Acq: 28 Feb 2024 16:22

Tgt Ion:264 Resp: 527205
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.9 16.9 25.3

