

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137427.D
 Acq On : 28 Feb 2024 17:21
 Operator : CG\JU
 Sample : PB159266TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159266TB

Quant Time: Feb 28 17:46:27 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	238143	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	943551	20.000	ng	#-0.02
39) Acenaphthene-d10	9.816	164	529462	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	939103	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	614502	20.000	ng	-0.01
86) Perylene-d12	15.457	264	468656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1984688	128.596	ng	0.00
7) Phenol-d6	6.422	99	2726570	120.098	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1693346	89.597	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	597798	129.658	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2661087	78.247	ng	-0.01
79) Terphenyl-d14	12.916	244	3172290	72.205	ng	-0.01

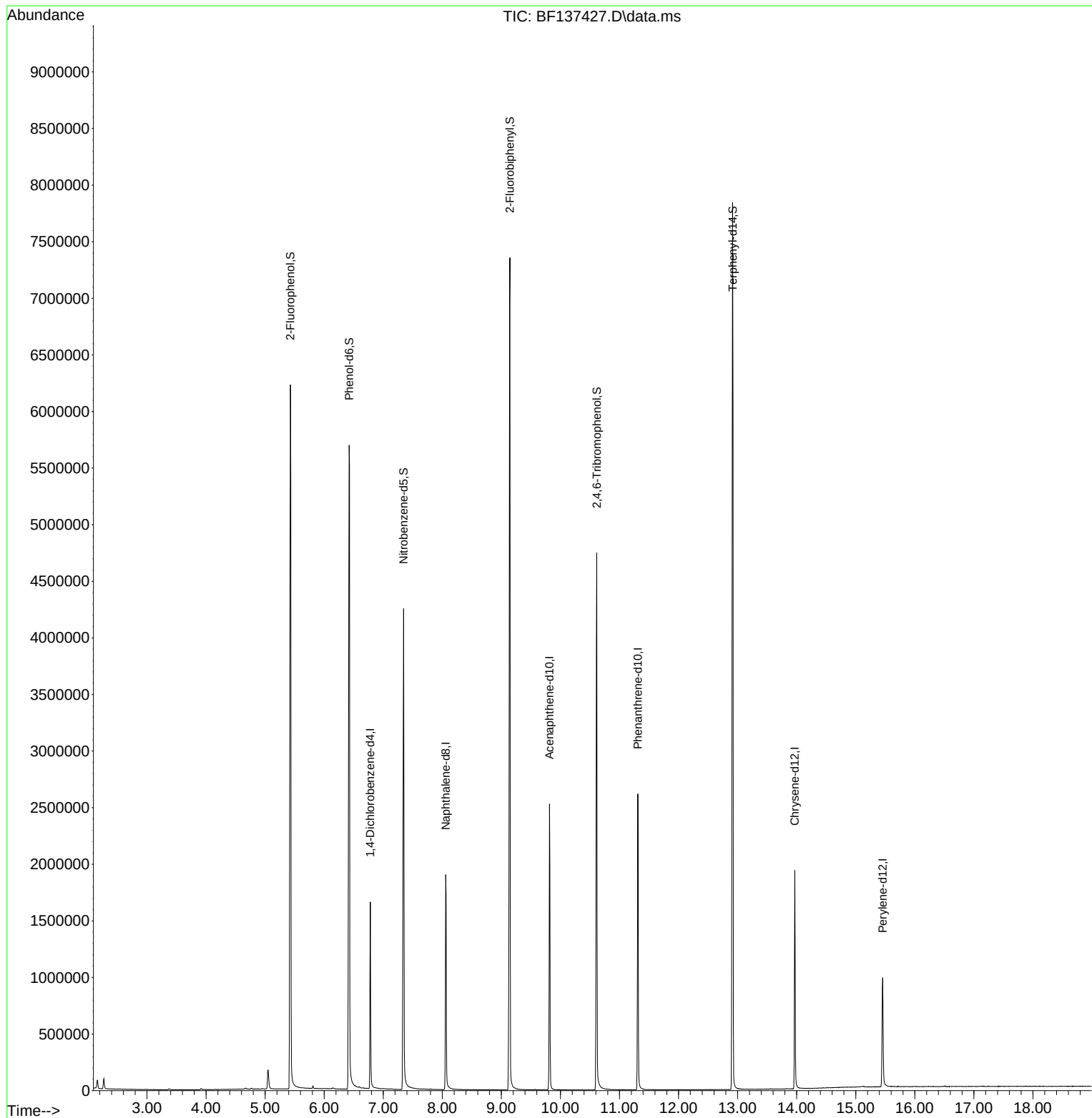
Target Compounds	Qvalue

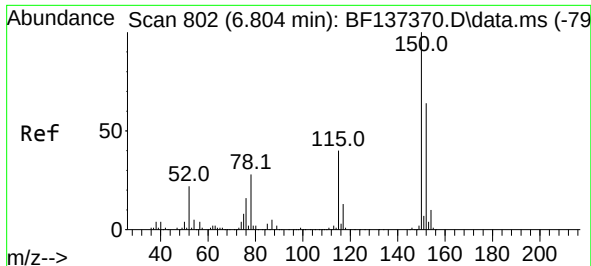
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137427.D
Acq On : 28 Feb 2024 17:21
Operator : CG\JU
Sample : PB159266TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159266TB

Quant Time: Feb 28 17:46:27 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

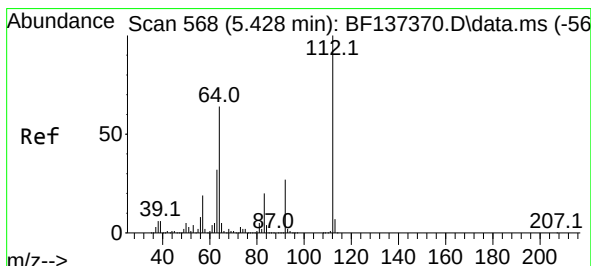
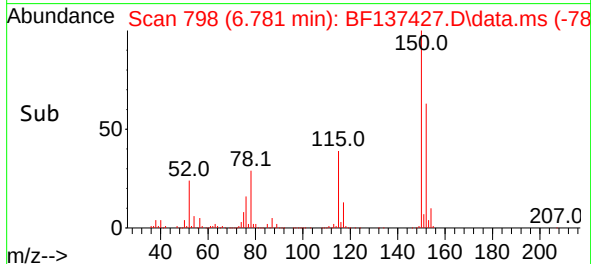
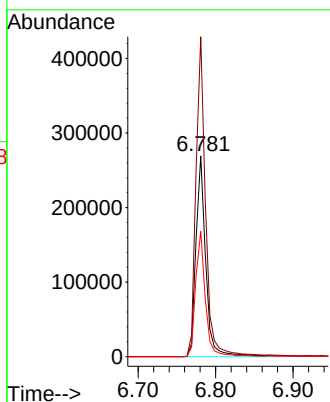
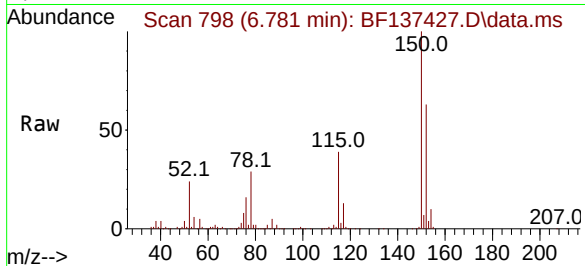




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137427.D
 Acq: 28 Feb 2024 17:21

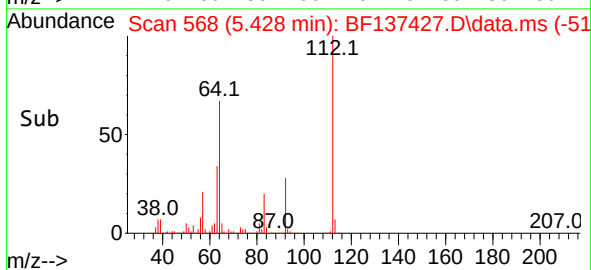
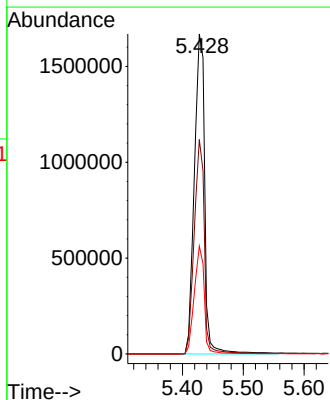
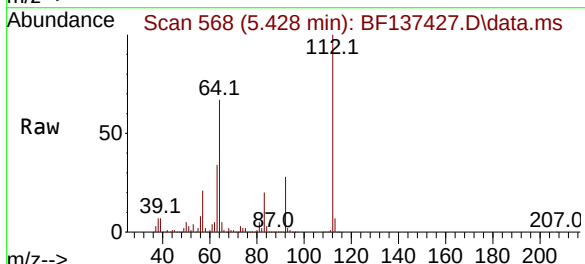
Instrument :
 BNA_F
 ClientSampleId :
 PB159266TB

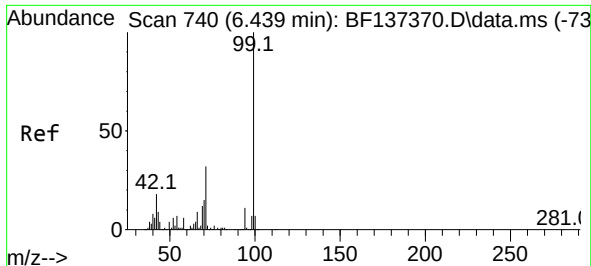
Tgt Ion:152 Resp: 238143
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.7 188.5
 115 62.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 128.596 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF137427.D
 Acq: 28 Feb 2024 17:21

Tgt Ion:112 Resp: 1984688
 Ion Ratio Lower Upper
 112 100
 64 67.0 51.0 76.6
 63 33.7 25.7 38.5

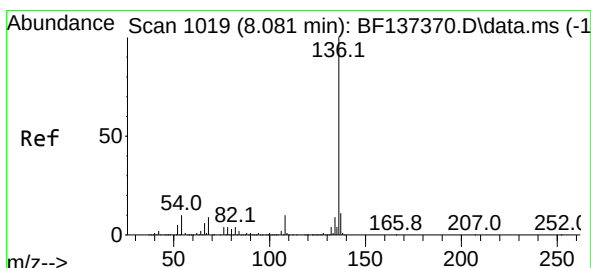
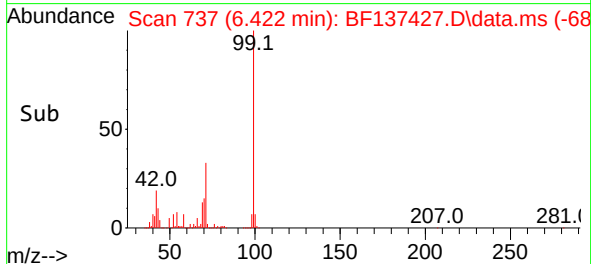
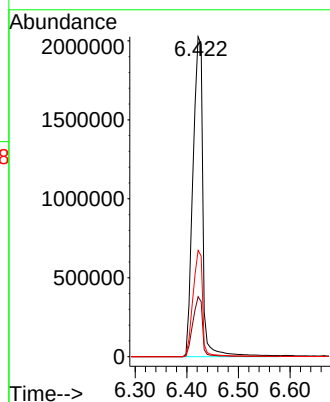
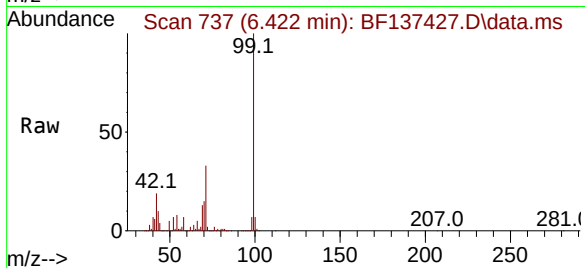




#7
Phenol-d6
Concen: 120.098 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137427.D
Acq: 28 Feb 2024 17:21

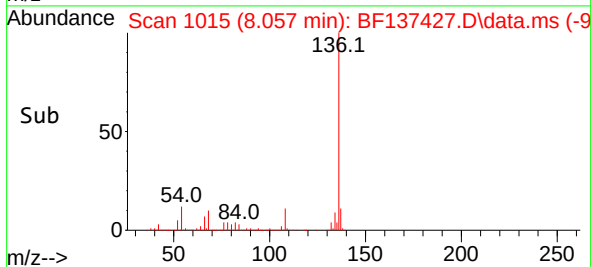
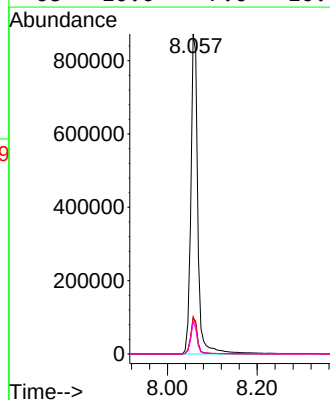
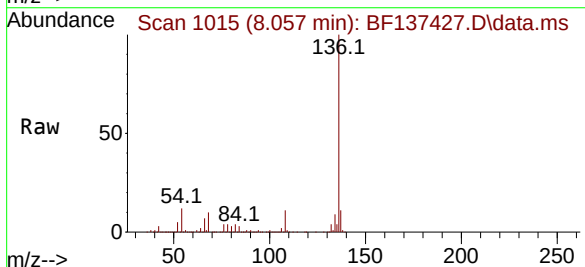
Instrument :
BNA_F
ClientSampleId :
PB159266TB

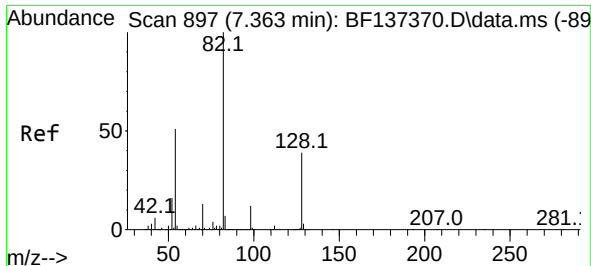
Tgt Ion: 99 Resp: 2726570
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 33.2 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137427.D
Acq: 28 Feb 2024 17:21

Tgt Ion: 136 Resp: 943551
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 11.7 7.8 11.6#
68 10.0 7.0 10.4





#23

Nitrobenzene-d5

Concen: 89.597 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137427.D

Acq: 28 Feb 2024 17:21

Instrument :

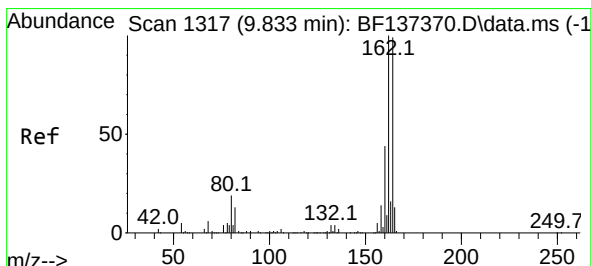
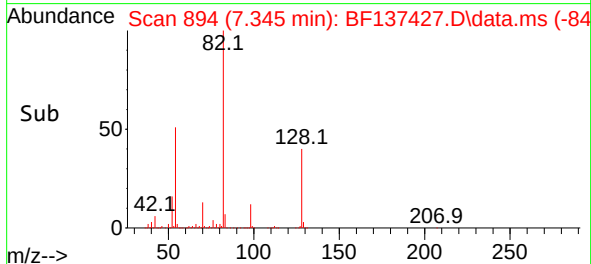
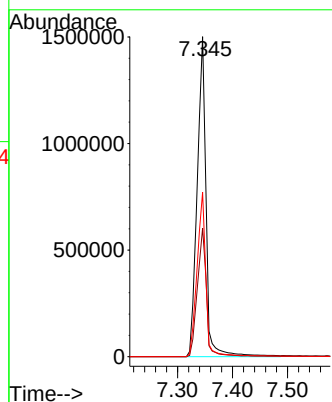
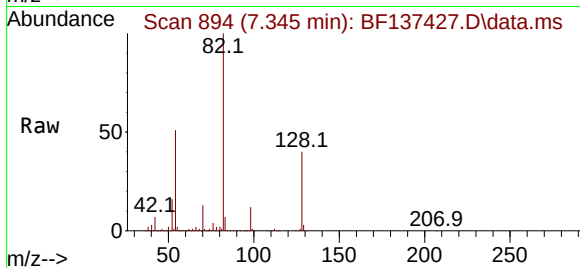
BNA_F

ClientSampleId :

PB159266TB

Tgt Ion: 82 Resp: 1693346

Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.8	46.2
54	51.4	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

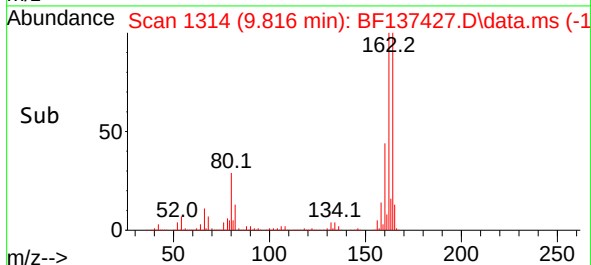
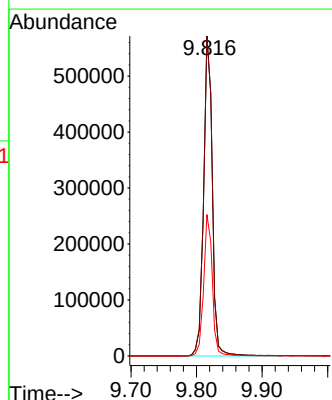
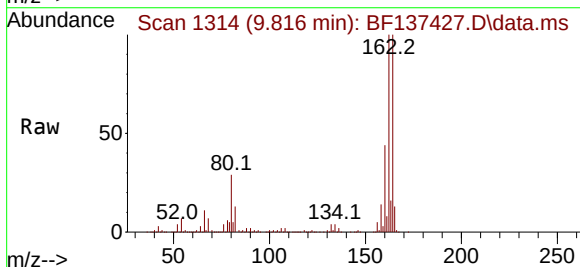
Delta R.T. -0.018 min

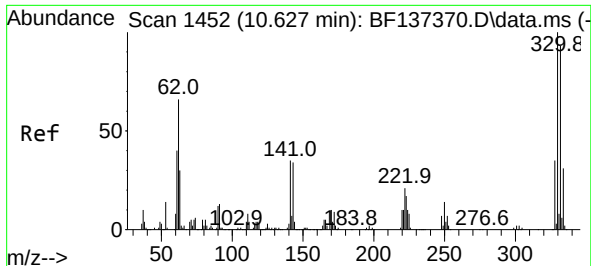
Lab File: BF137427.D

Acq: 28 Feb 2024 17:21

Tgt Ion:164 Resp: 529462

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	44.2	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 129.658 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF137427.D

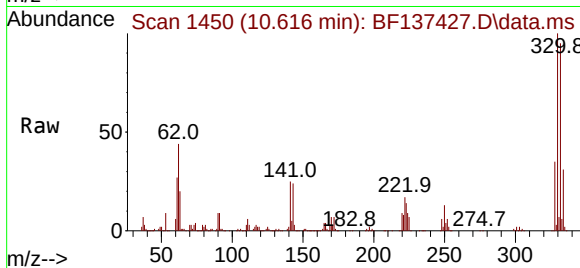
Acq: 28 Feb 2024 17:21

Instrument :

BNA_F

ClientSampleId :

PB159266TB



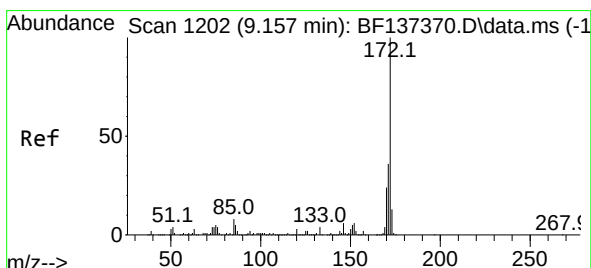
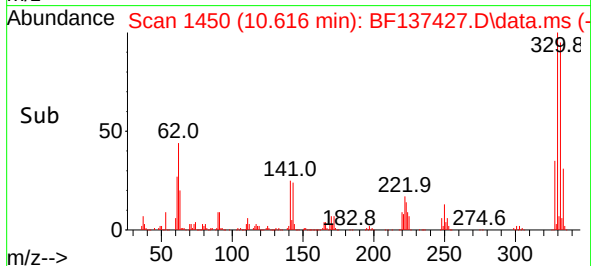
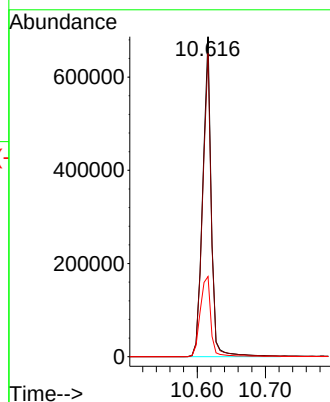
Tgt Ion:330 Resp: 597798

Ion Ratio Lower Upper

330 100

332 96.6 75.6 113.4

141 31.4 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 78.247 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137427.D

Acq: 28 Feb 2024 17:21

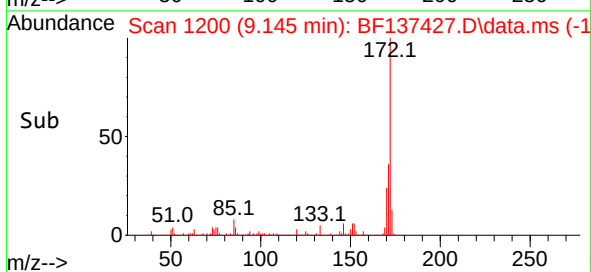
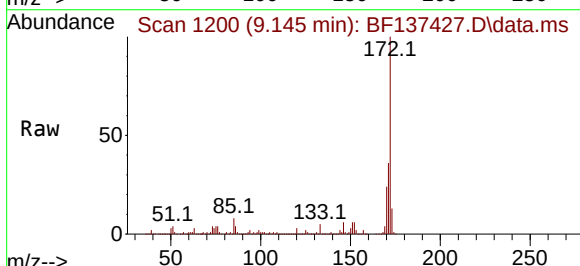
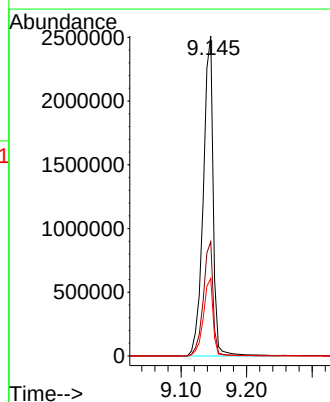
Tgt Ion:172 Resp: 2661087

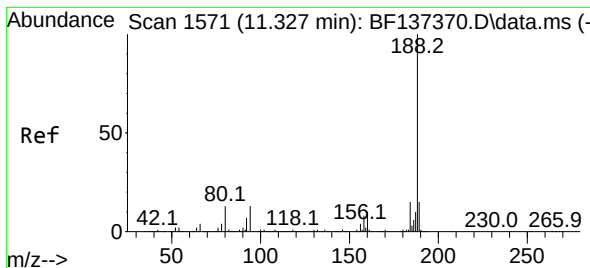
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.2 19.5 29.3

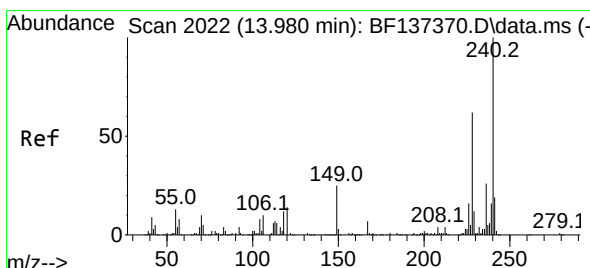
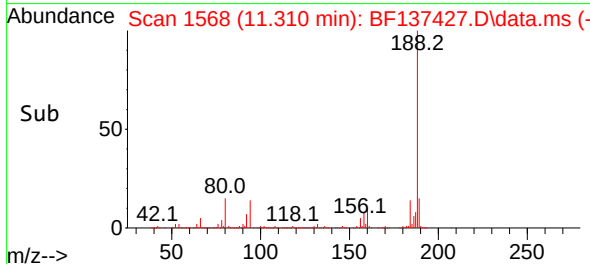
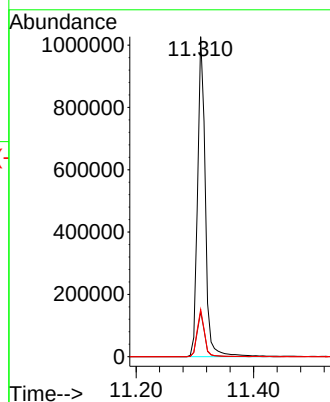
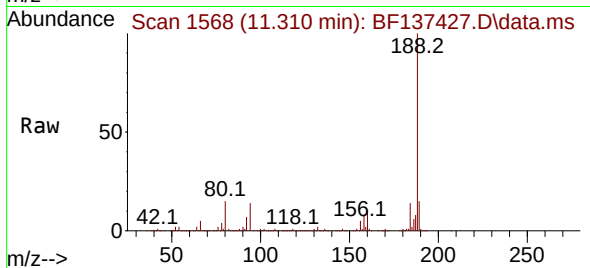




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137427.D
Acq: 28 Feb 2024 17:21

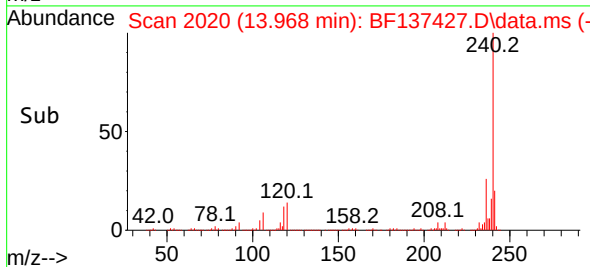
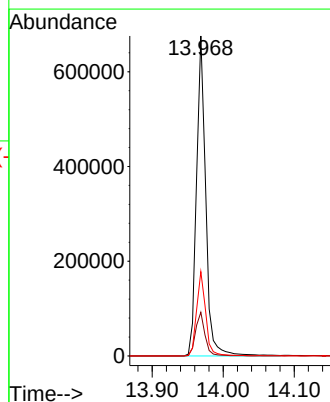
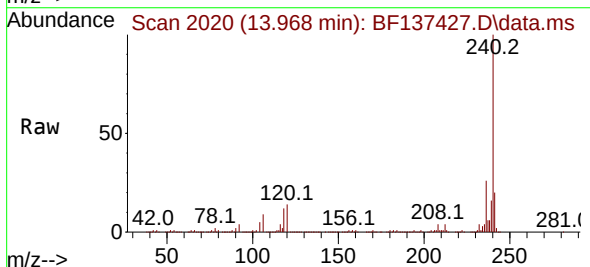
Instrument :
BNA_F
ClientSampleId :
PB159266TB

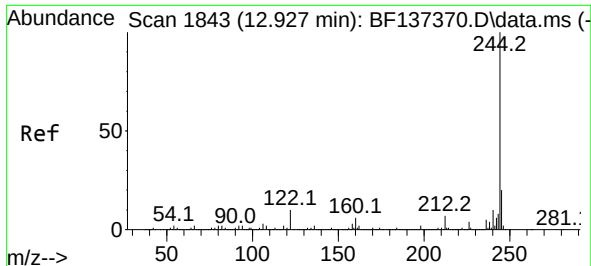
Tgt Ion:188 Resp: 939103
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 14.8 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137427.D
Acq: 28 Feb 2024 17:21

Tgt Ion:240 Resp: 614502
Ion Ratio Lower Upper
240 100
120 13.7 11.3 16.9
236 26.4 20.5 30.7

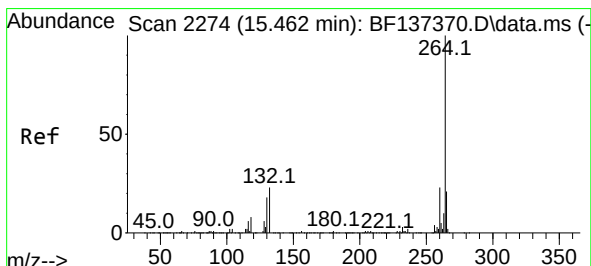
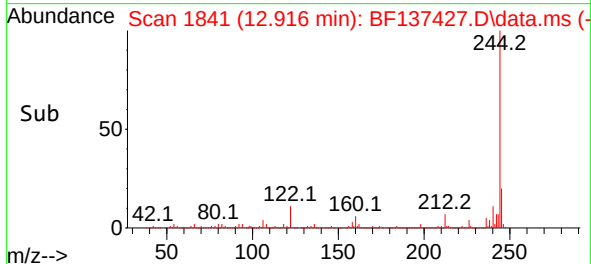
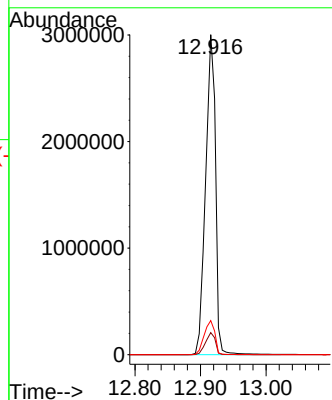
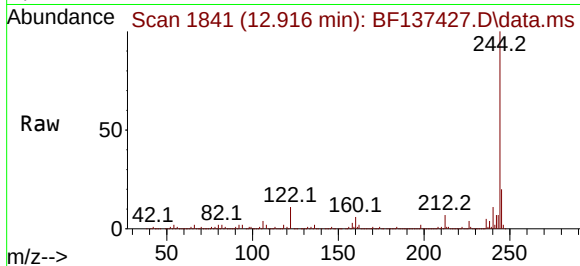




#79
 Terphenyl-d14
 Concen: 72.205 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137427.D
 Acq: 28 Feb 2024 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB159266TB

Tgt Ion:244 Resp: 3172290
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 10.7 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: BF137427.D
 Acq: 28 Feb 2024 17:21

Tgt Ion:264 Resp: 468656
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.5 27.7
 265 21.8 16.9 25.3

