

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137422.D
Acq On : 28 Feb 2024 14:54
Operator : CG\JU
Sample : PB159308BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159308BL

Quant Time: Feb 28 15:14:19 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	274577	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1073657	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	588964	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	1046586	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	769249	20.000	ng	-0.01
86) Perylene-d12	15.456	264	617246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2092356	117.583	ng	0.00
7) Phenol-d6	6.428	99	2882247	110.109	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1831330	85.156	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	627995	122.447	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2819753	74.536	ng	-0.01
79) Terphenyl-d14	12.921	244	3388840	61.617	ng	0.00

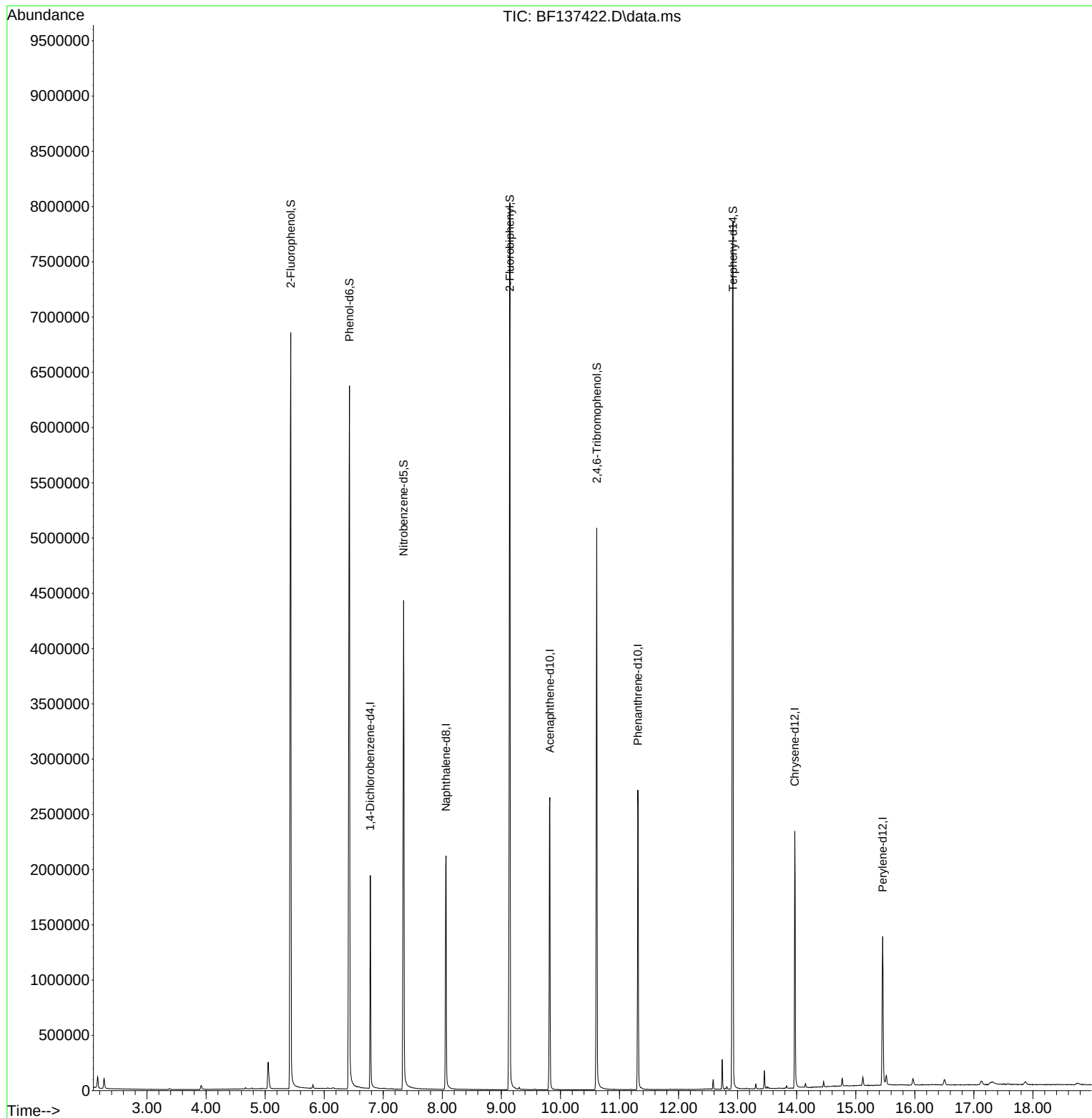
Target Compounds	Qvalue

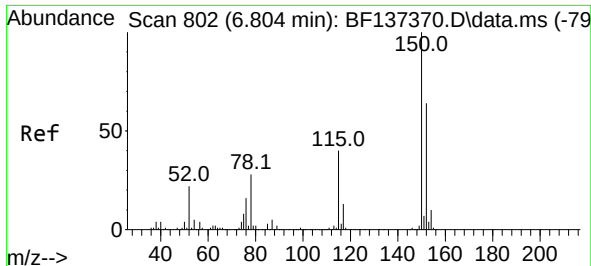
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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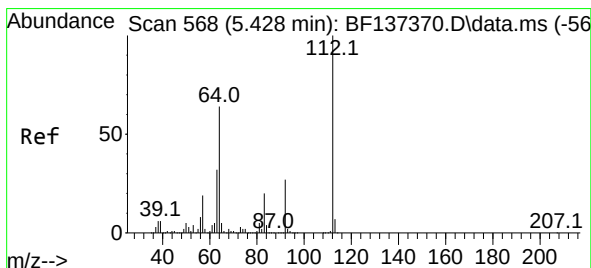
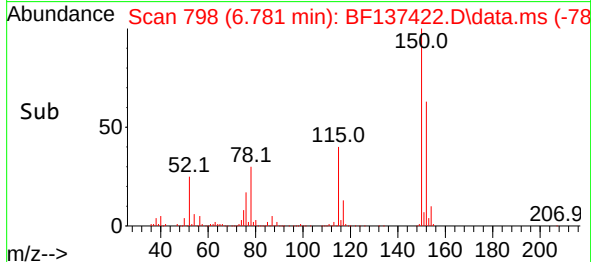
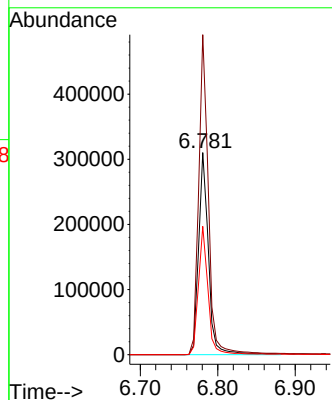
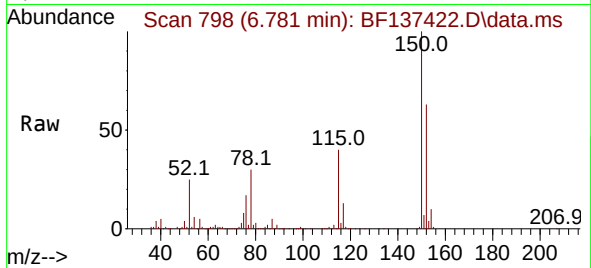




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

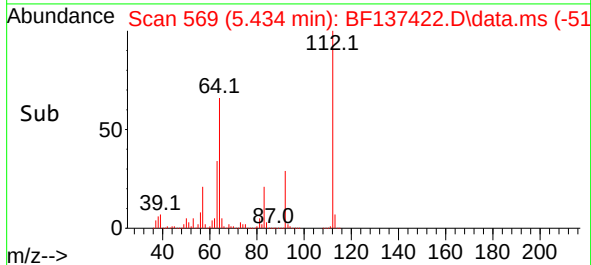
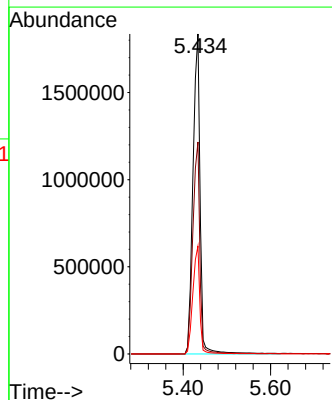
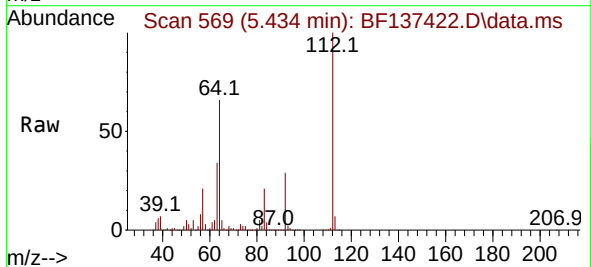
Instrument :
BNA_F
ClientSampleId :
PB159308BL

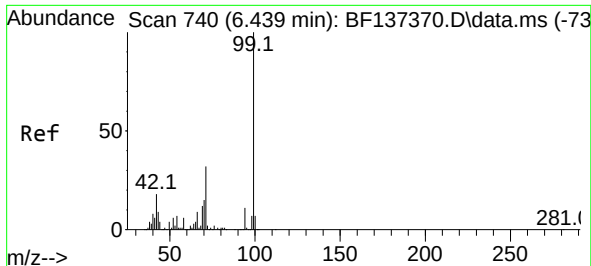
Tgt Ion:152 Resp: 274577
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 63.5 49.8 74.8



#5
2-Fluorophenol
Concen: 117.583 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:112 Resp: 2092356
Ion Ratio Lower Upper
112 100
64 66.3 51.0 76.6
63 33.7 25.7 38.5

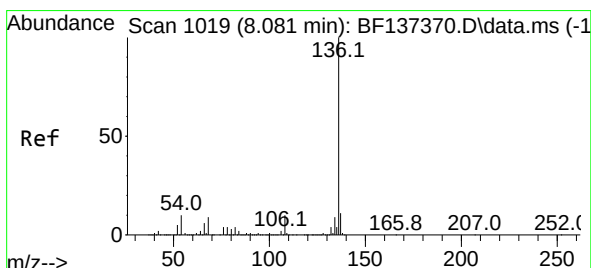
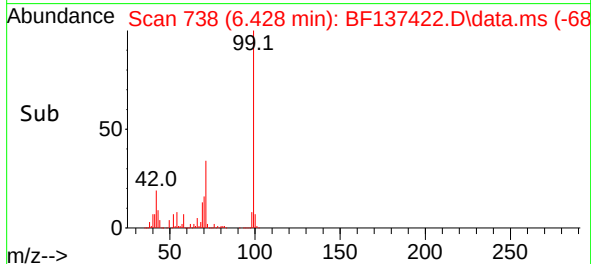
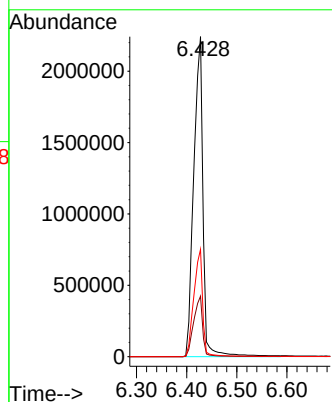
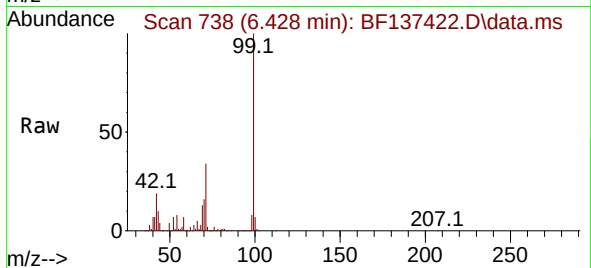




#7
Phenol-d6
Concen: 110.109 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

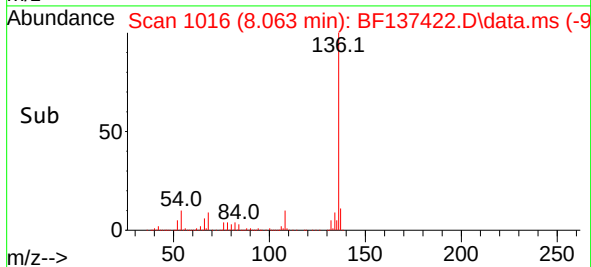
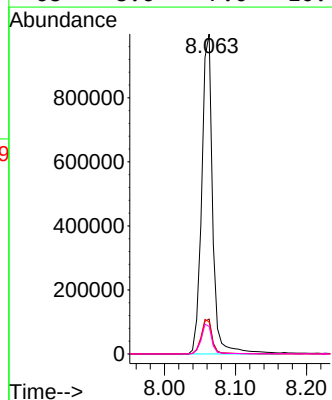
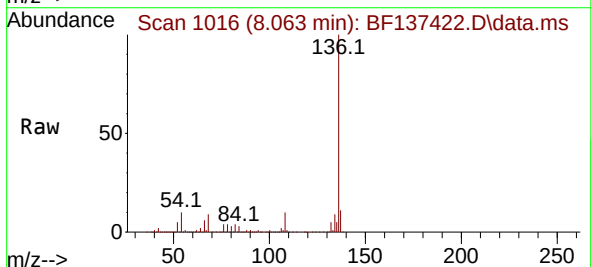
Instrument :
BNA_F
ClientSampleId :
PB159308BL

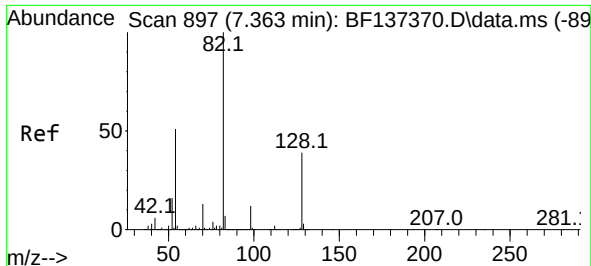
Tgt Ion: 99 Resp: 2882247
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 33.6 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion: 136 Resp: 1073657
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.0 7.8 11.6
68 8.6 7.0 10.4

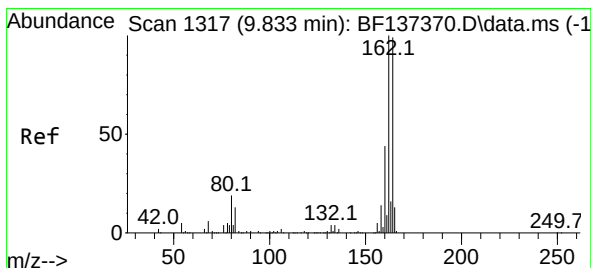
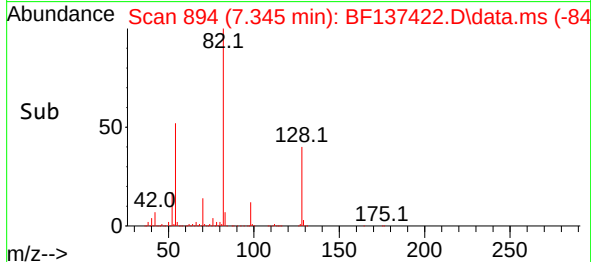
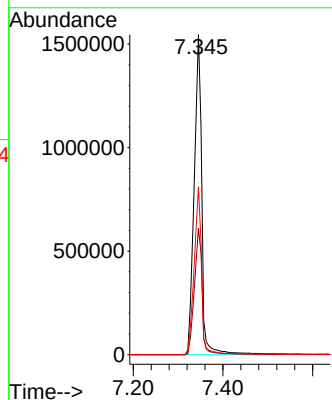
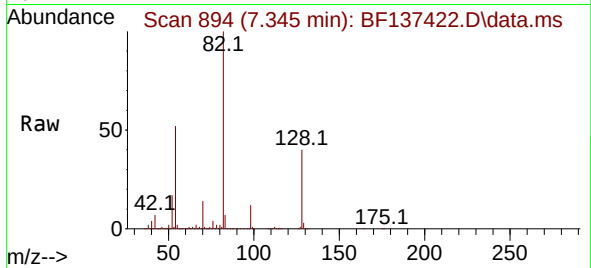




#23
Nitrobenzene-d5
Concen: 85.156 ng
RT: 7.345 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

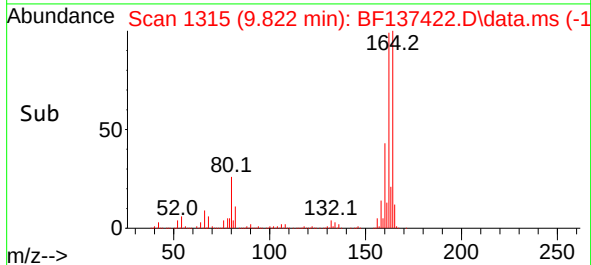
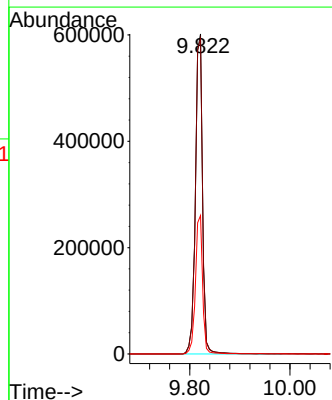
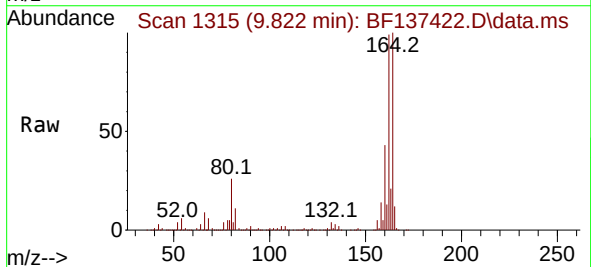
Instrument :
BNA_F
ClientSampleId :
PB159308BL

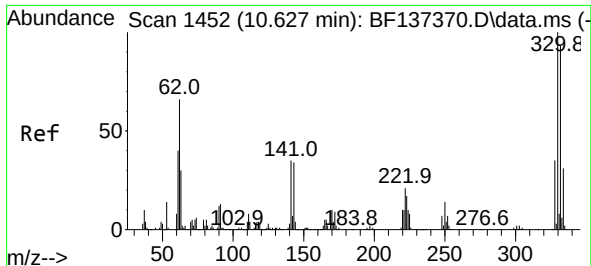
Tgt Ion: 82 Resp: 1831330
Ion Ratio Lower Upper
82 100
128 39.5 30.8 46.2
54 52.5 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion: 164 Resp: 588964
Ion Ratio Lower Upper
164 100
162 98.6 81.2 121.8
160 43.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 122.447 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF137422.D

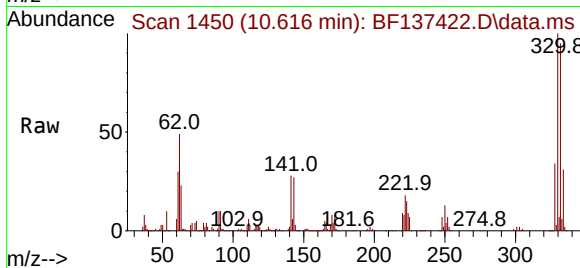
Acq: 28 Feb 2024 14:54

Instrument :

BNA_F

ClientSampleId :

PB159308BL



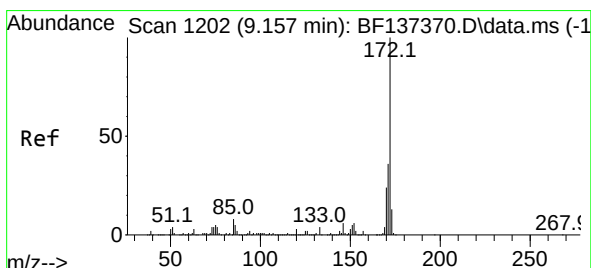
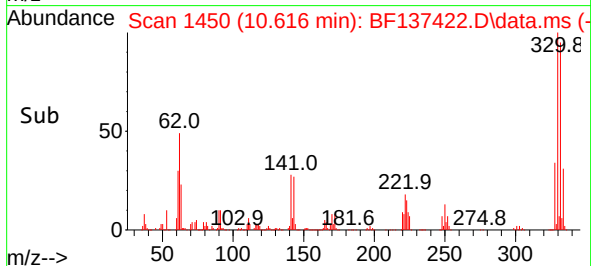
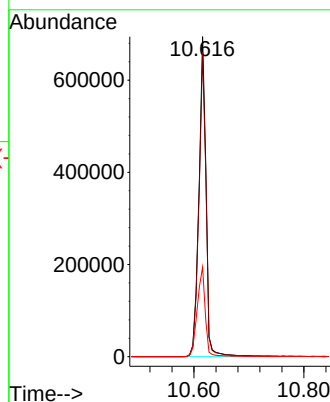
Tgt Ion:330 Resp: 627995

Ion Ratio Lower Upper

330 100

332 95.5 75.6 113.4

141 31.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 74.536 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137422.D

Acq: 28 Feb 2024 14:54

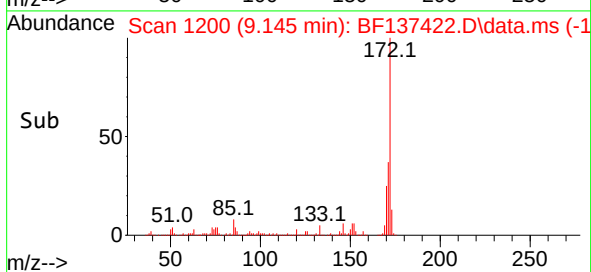
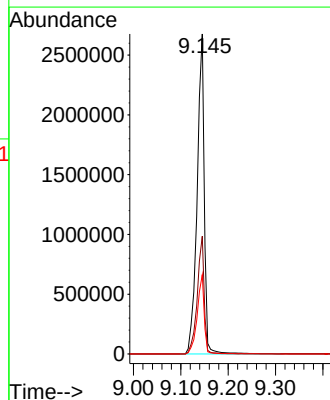
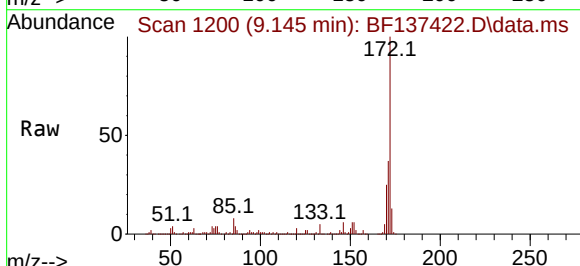
Tgt Ion:172 Resp: 2819753

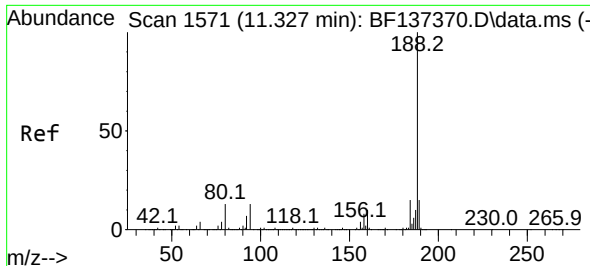
Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 24.7 19.5 29.3

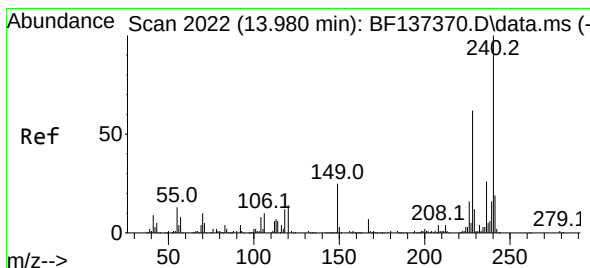
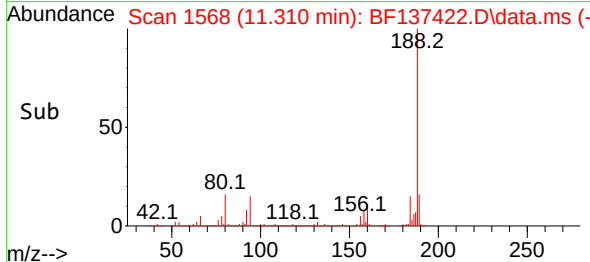
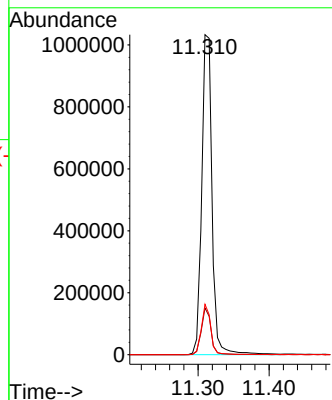
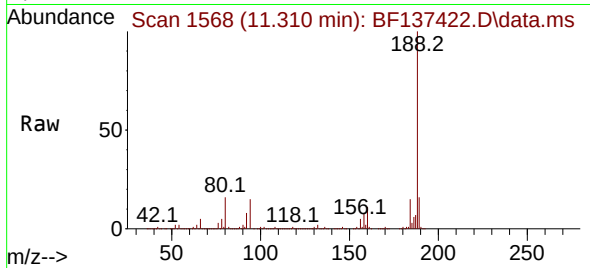




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

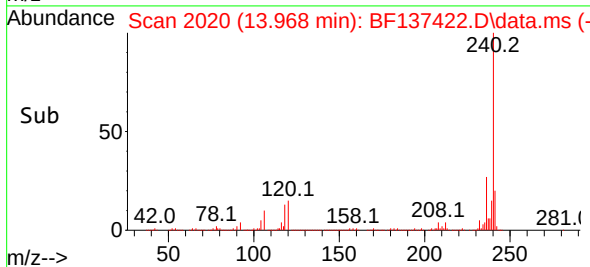
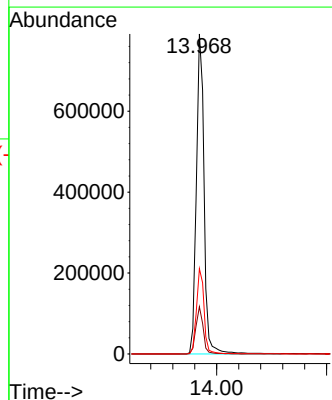
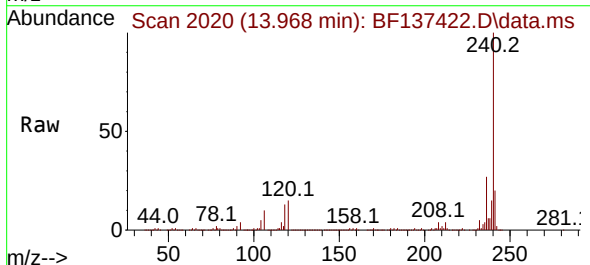
Instrument :
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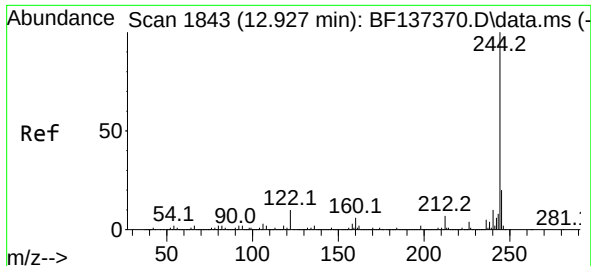
Tgt Ion:188 Resp: 1046586
Ion Ratio Lower Upper
188 100
94 14.6 10.2 15.2
80 15.8 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137422.D
Acq: 28 Feb 2024 14:54

Tgt Ion:240 Resp: 769249
Ion Ratio Lower Upper
240 100
120 14.8 11.3 16.9
236 26.7 20.5 30.7

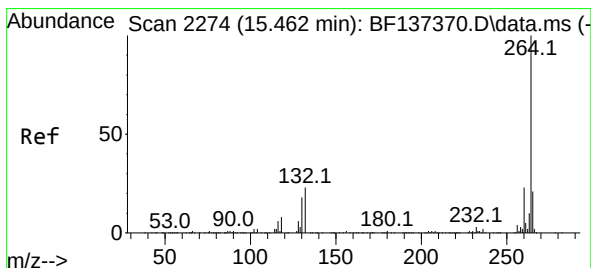
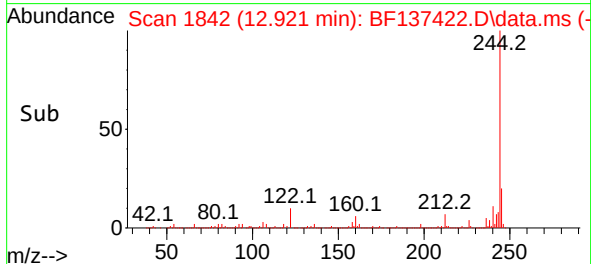
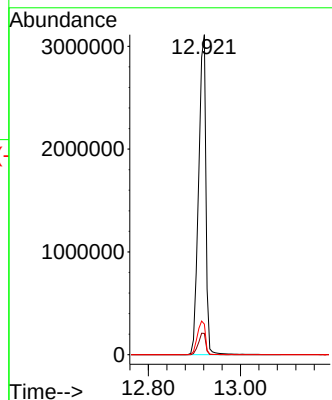
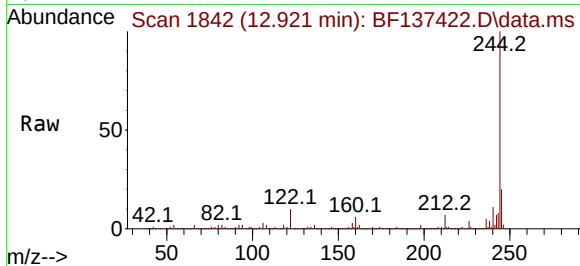




#79
 Terphenyl-d14
 Concen: 61.617 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137422.D
 Acq: 28 Feb 2024 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB159308BL

Tgt Ion:244 Resp: 3388840
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137422.D
 Acq: 28 Feb 2024 14:54

Tgt Ion:264 Resp: 617246
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.4 16.9 25.3

