

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137524.D
 Acq On : 06 Mar 2024 17:55
 Operator : CG\JU
 Sample : P1684-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-030524

Quant Time: Mar 06 23:34:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	168820	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	623034	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	289953	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	432530	20.000	ng	0.00
76) Chrysene-d12	14.045	240	348783	20.000	ng	0.00
86) Perylene-d12	15.580	264	272298	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	160591	14.407	ng	0.00
7) Phenol-d6	6.492	99	219568	13.646	ng	-0.01
23) Nitrobenzene-d5	7.416	82	111262	8.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	27134	10.656	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	219978	11.876	ng	0.00
79) Terphenyl-d14	12.986	244	189535	7.473	ng	0.00

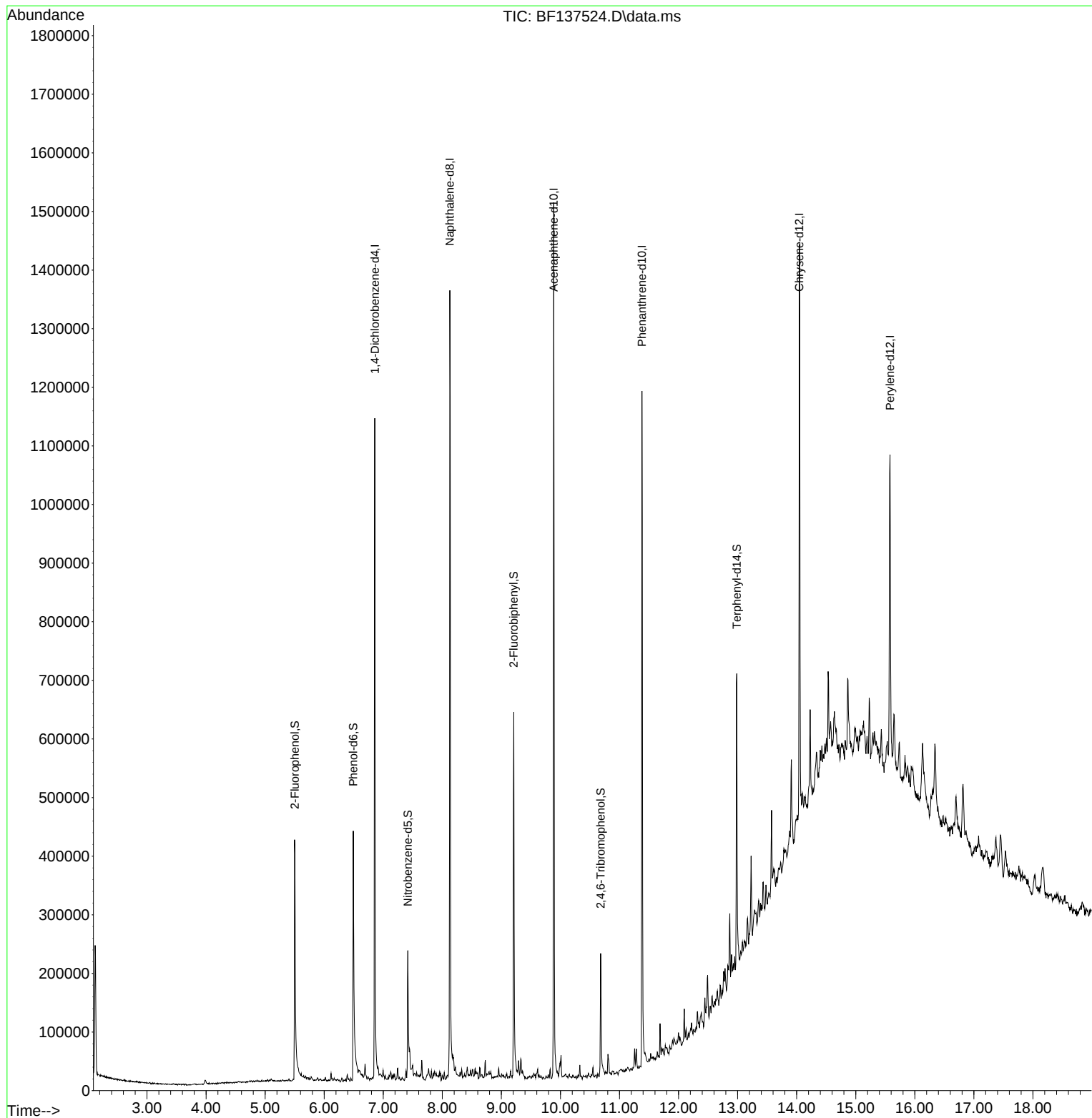
Target Compounds	Qvalue

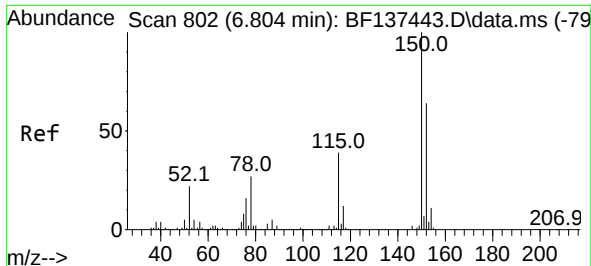
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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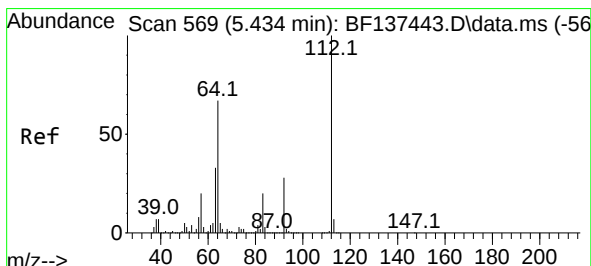
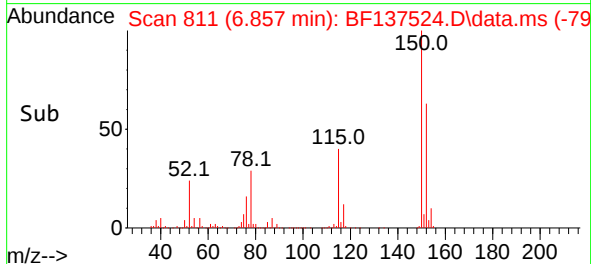
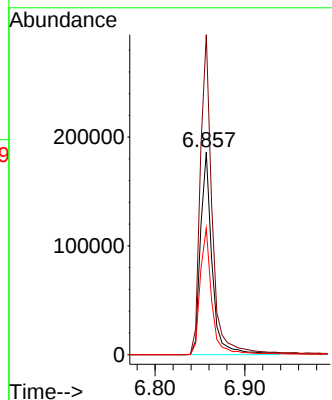
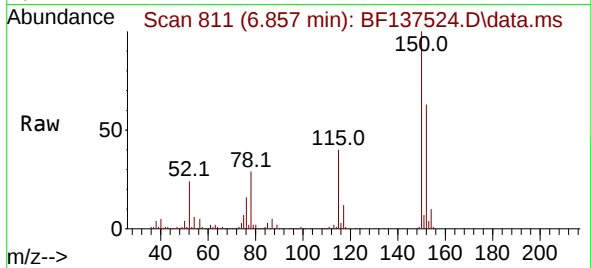




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

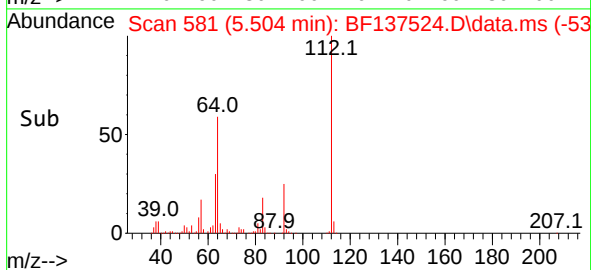
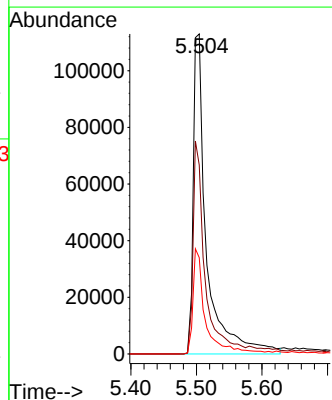
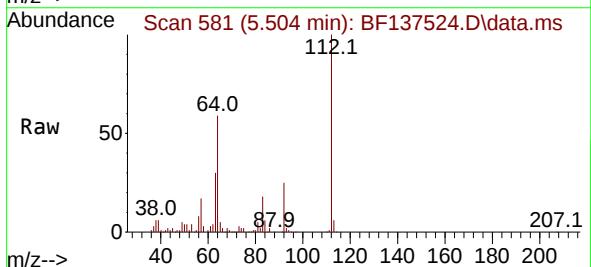
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

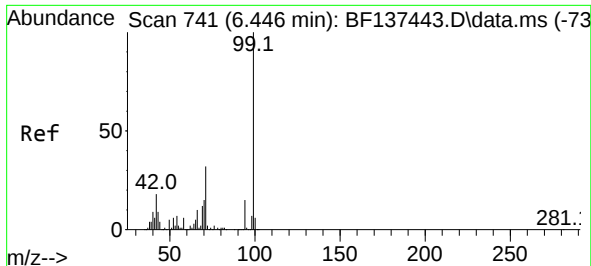
Tgt Ion:152 Resp: 168820
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 62.5 48.8 73.2



#5
2-Fluorophenol
Concen: 14.407 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:112 Resp: 160591
Ion Ratio Lower Upper
112 100
64 59.1 53.4 80.2
63 30.1 26.2 39.2

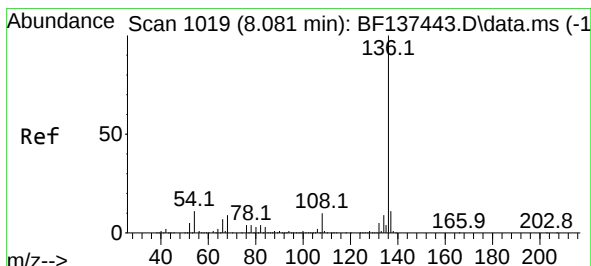
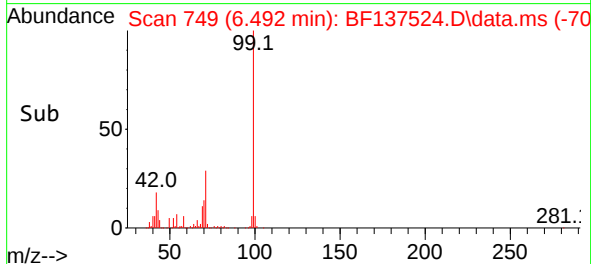
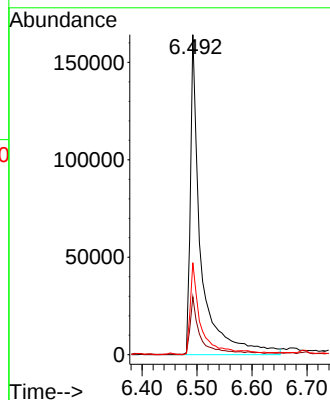
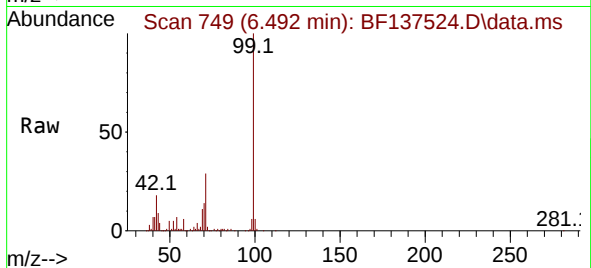




#7
Phenol-d6
Concen: 13.646 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

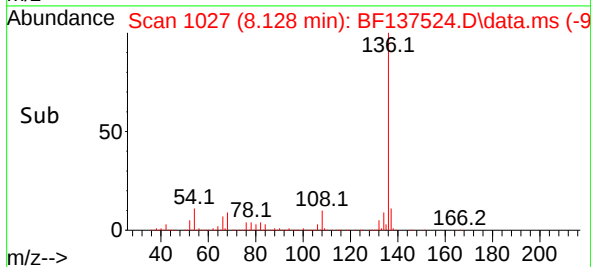
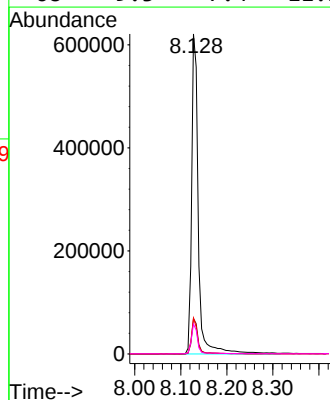
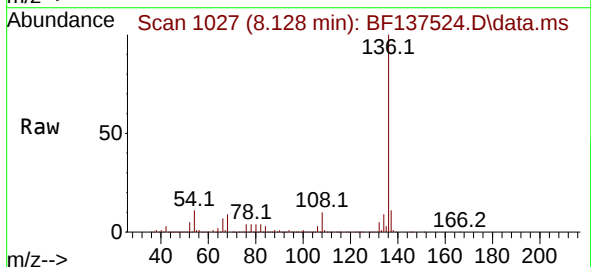
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

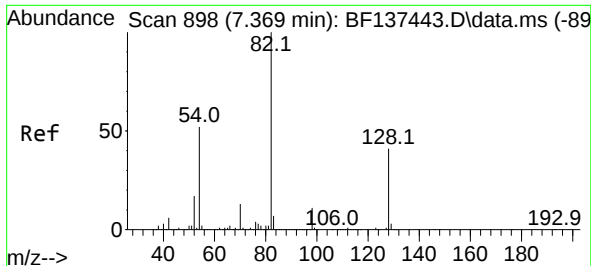
Tgt Ion: 99 Resp: 219568
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 28.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion: 136 Resp: 623034
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.2 8.5 12.7
68 9.3 7.4 11.2

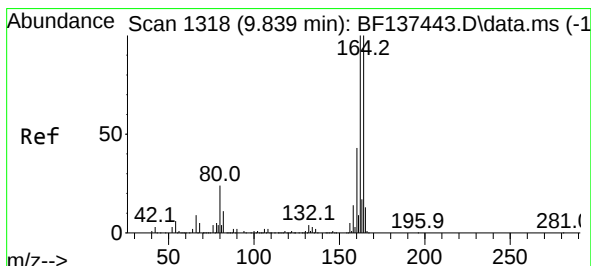
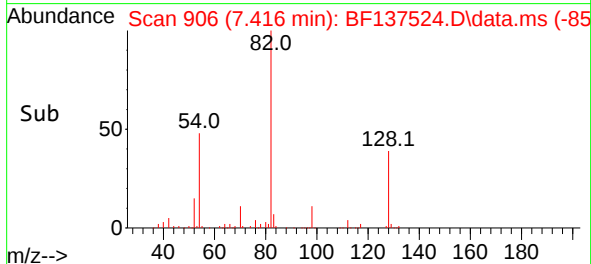
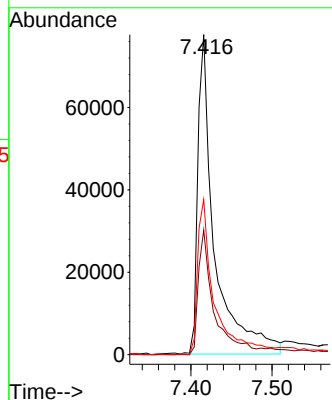
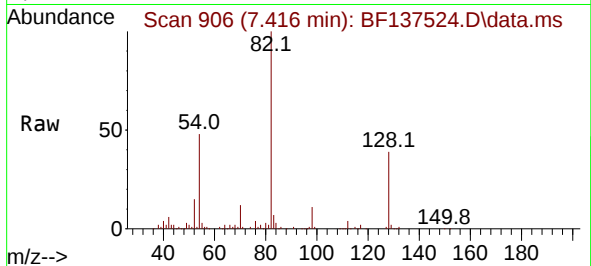




#23
Nitrobenzene-d5
Concen: 8.298 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

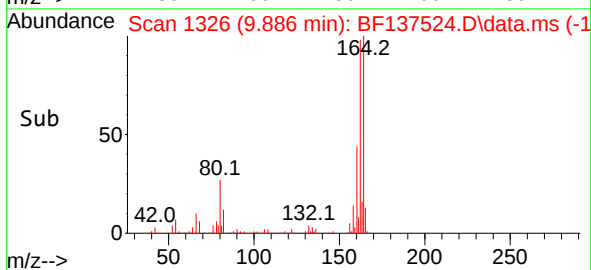
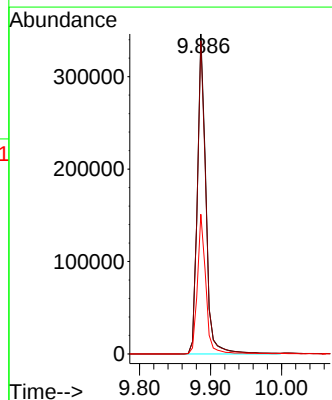
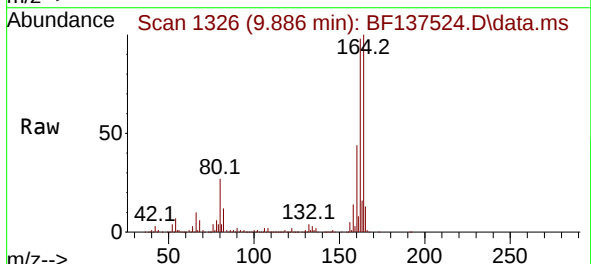
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

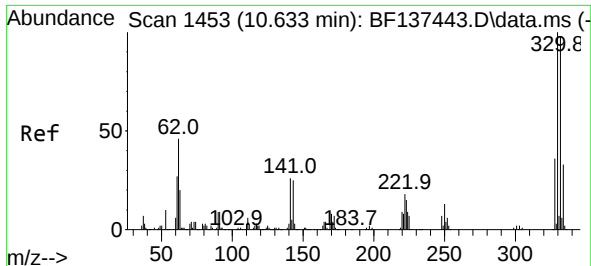
Tgt Ion: 82 Resp: 111262
Ion Ratio Lower Upper
82 100
128 39.0 32.5 48.7
54 48.5 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:164 Resp: 289953
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 10.656 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137524.D

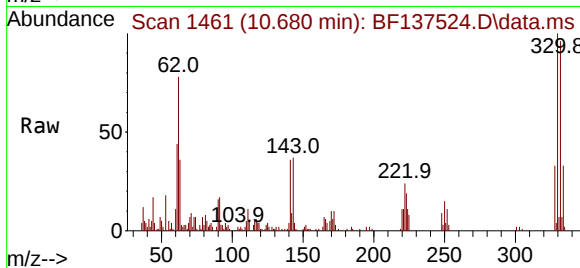
Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524



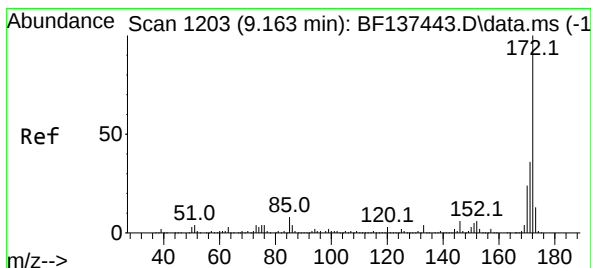
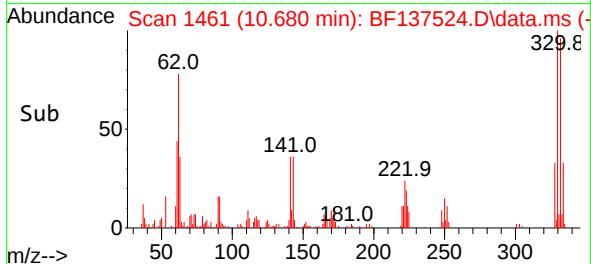
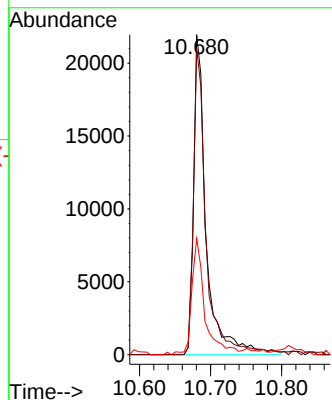
Tgt Ion:330 Resp: 27134

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 37.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 11.876 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

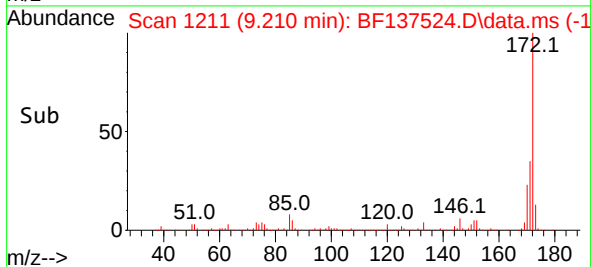
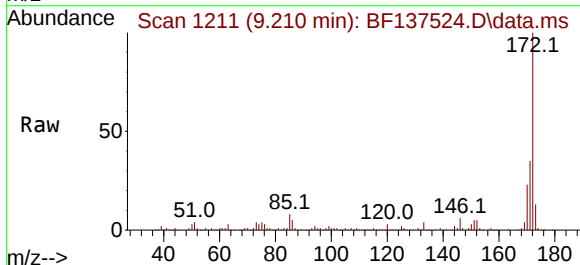
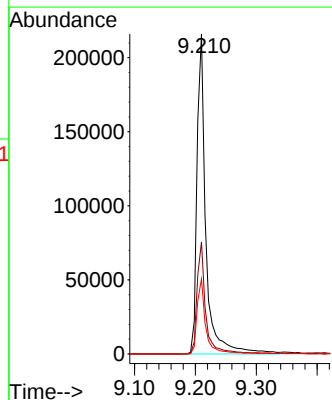
Tgt Ion:172 Resp: 219978

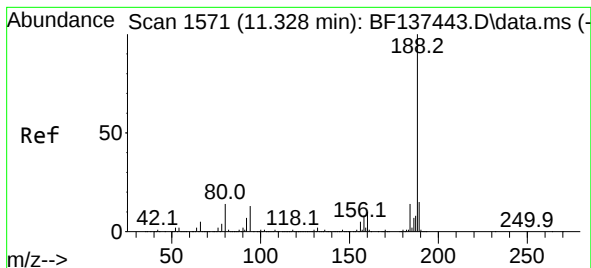
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

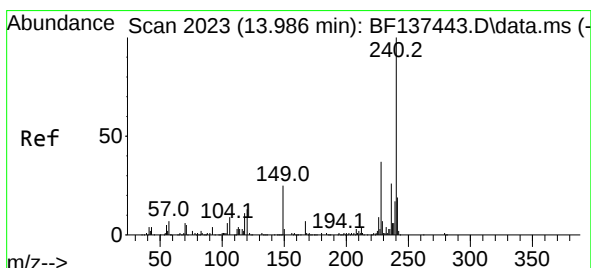
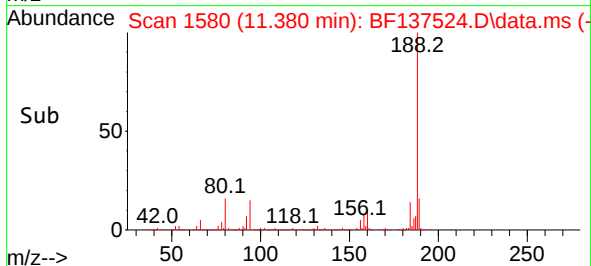
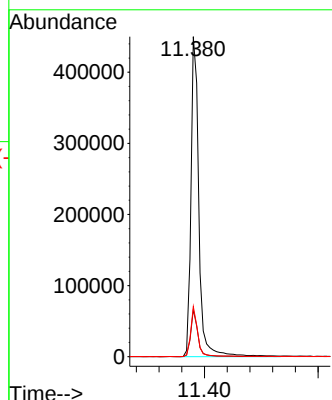
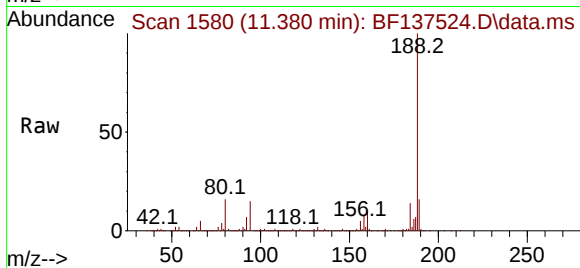
Tgt Ion:188 Resp: 432530

Ion Ratio Lower Upper

188 100

94 14.7 10.6 15.8

80 15.7 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

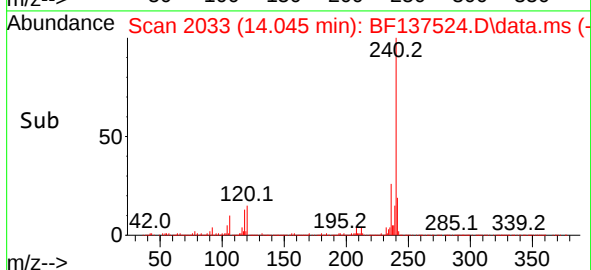
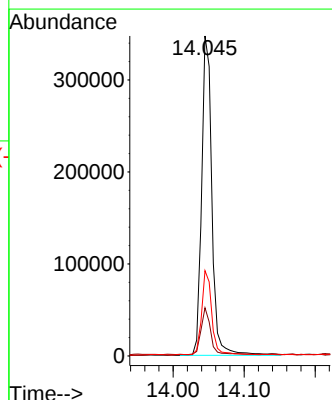
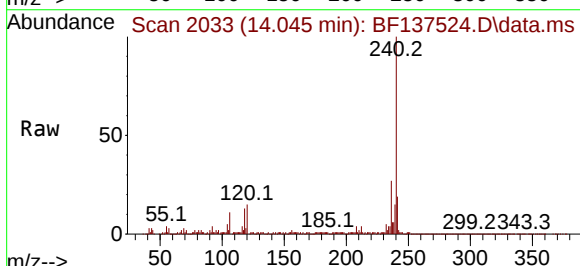
Tgt Ion:240 Resp: 348783

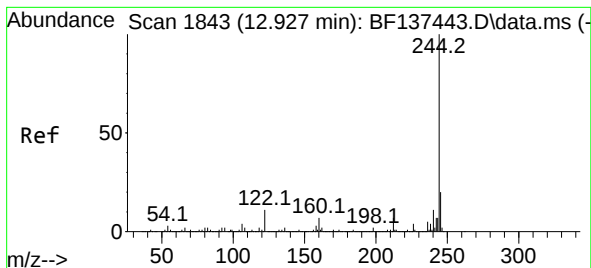
Ion Ratio Lower Upper

240 100

120 15.0 10.4 15.6

236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 7.473 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

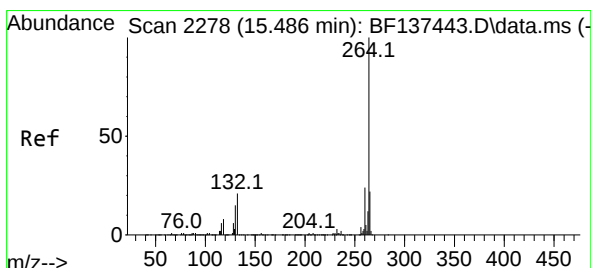
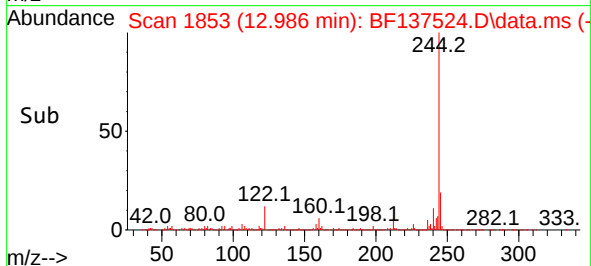
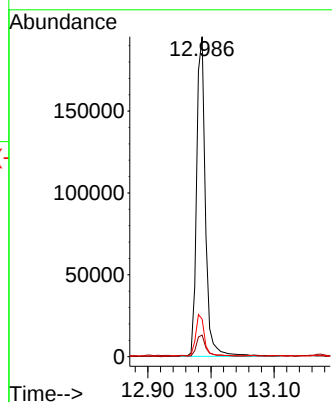
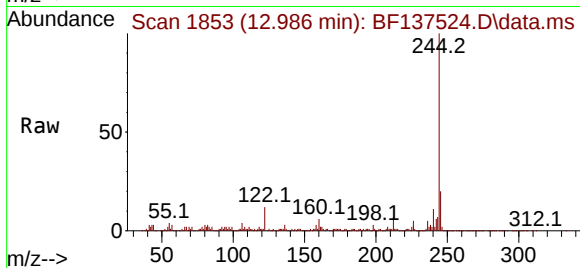
Tgt Ion:244 Resp: 189535

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.8 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Tgt Ion:264 Resp: 272298

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.4 17.4 26.0

