

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137504.D
 Acq On : 05 Mar 2024 17:03
 Operator : CG\JU
 Sample : P1672-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 05 17:22:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	169947	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	659047	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	355358	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	597941	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	341383	20.000	ng	-0.01
86) Perylene-d12	15.563	264	345718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1058539	94.335	ng	-0.01
7) Phenol-d6	6.487	99	1446364	89.297	ng	-0.02
23) Nitrobenzene-d5	7.410	82	889773	62.731	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	237619	76.144	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	1462743	64.434	ng	-0.01
79) Terphenyl-d14	12.980	244	1480821	59.648	ng	-0.01

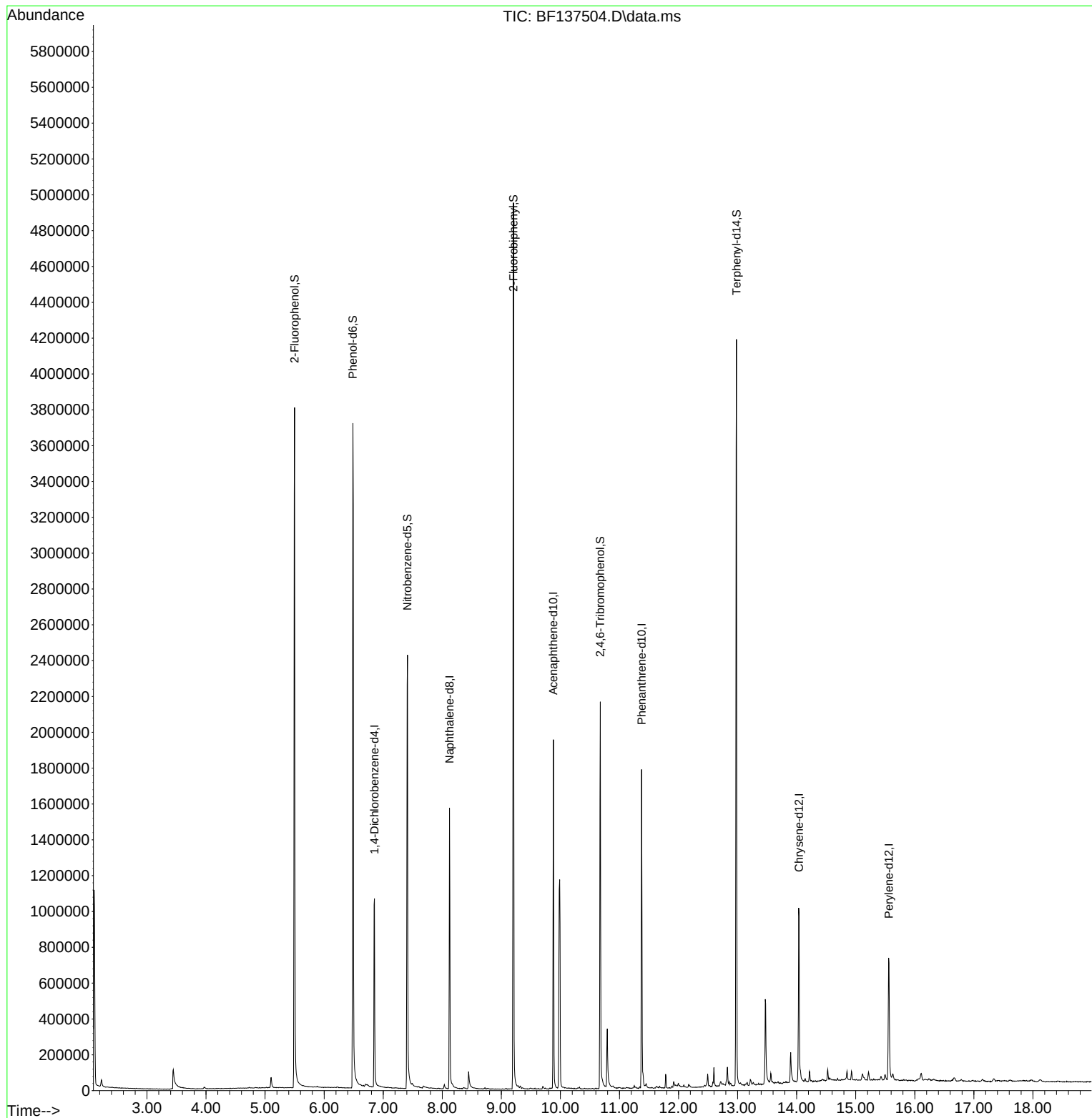
Target Compounds	Qvalue

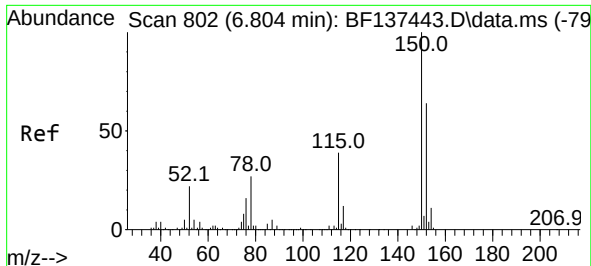
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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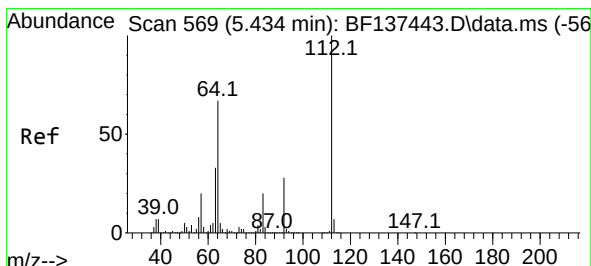
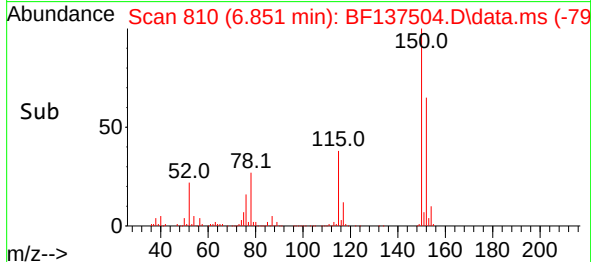
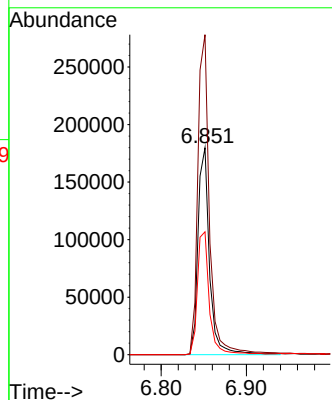
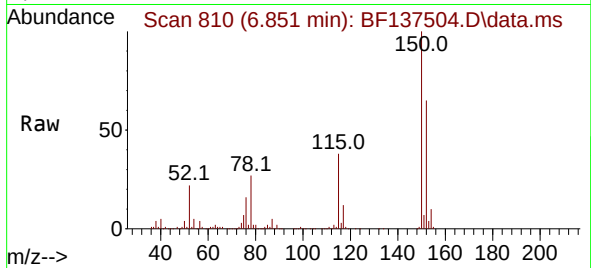




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

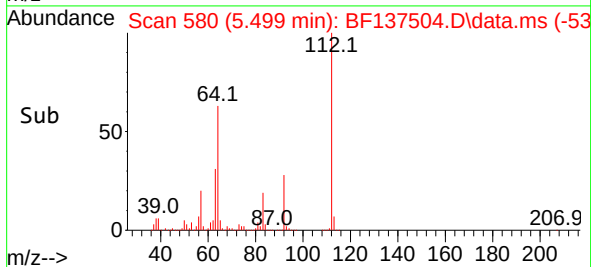
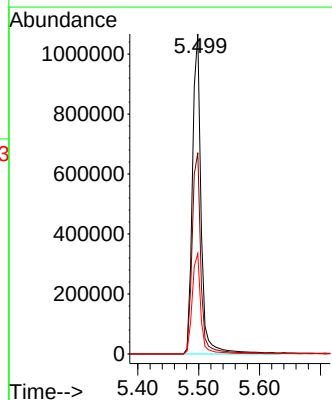
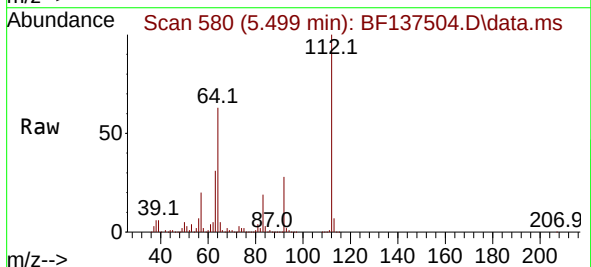
Instrument :
BNA_F
ClientSampleId :
TP-13

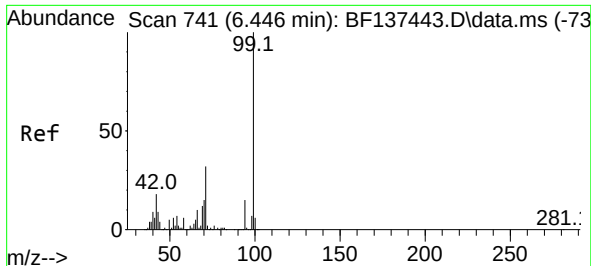
Tgt Ion:152 Resp: 169947
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 59.4 48.8 73.2



#5
2-Fluorophenol
Concen: 94.335 ng
RT: 5.499 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion:112 Resp: 1058539
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 31.3 26.2 39.2

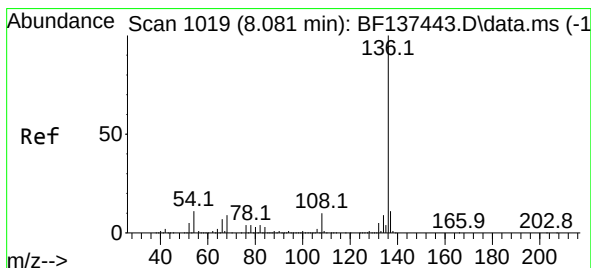
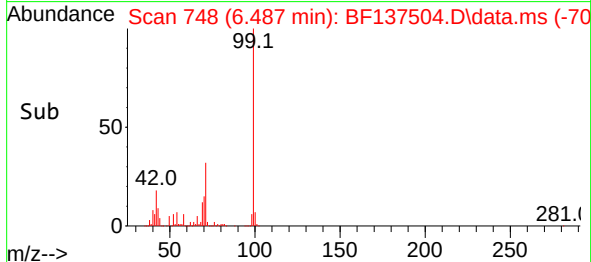
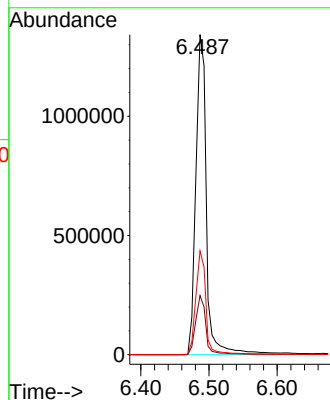
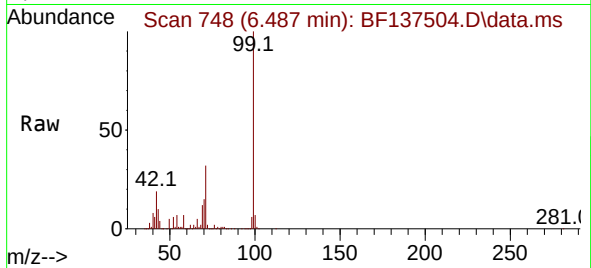




#7
Phenol-d6
Concen: 89.297 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

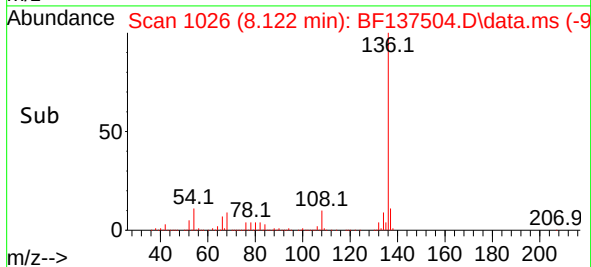
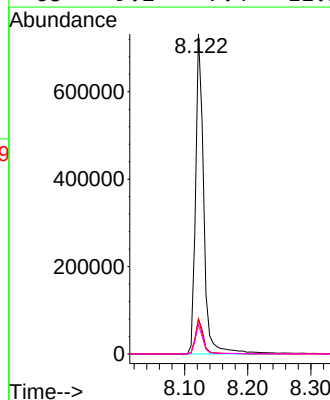
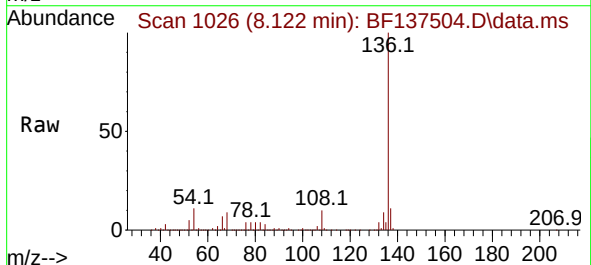
Instrument :
BNA_F
ClientSampleId :
TP-13

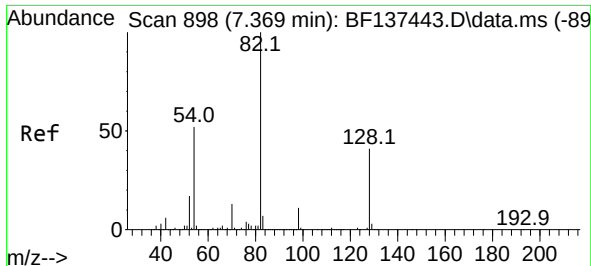
Tgt Ion: 99 Resp: 1446364
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 136 Resp: 659047
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.8 8.5 12.7
68 9.2 7.4 11.2

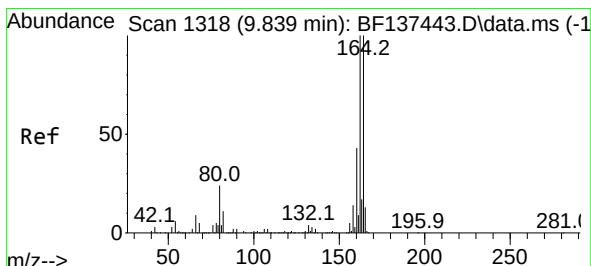
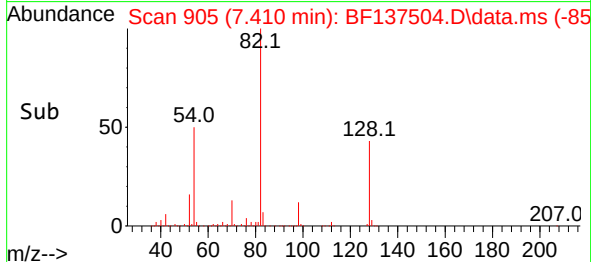
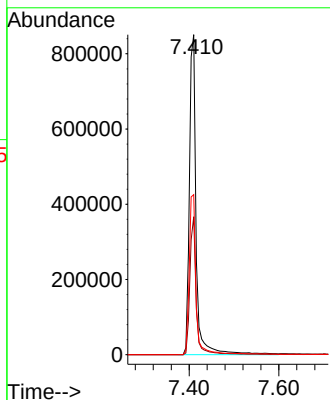
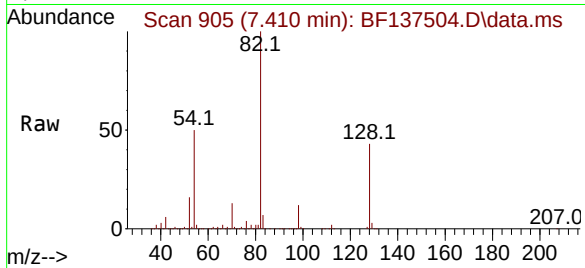




#23
Nitrobenzene-d5
Concen: 62.731 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

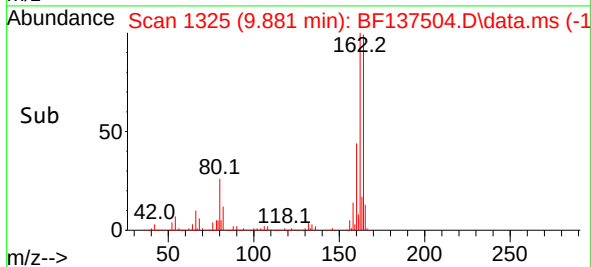
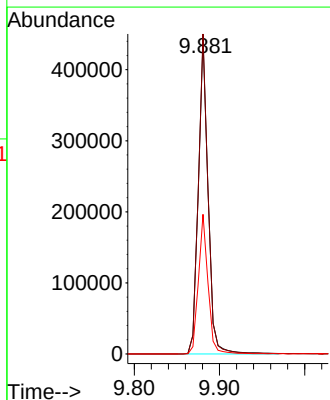
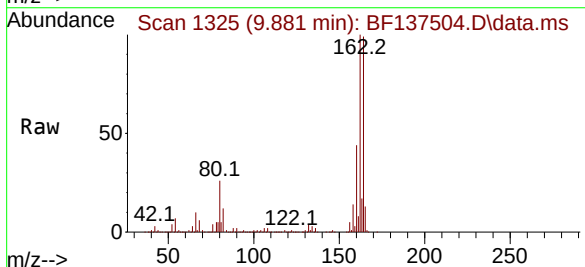
Instrument :
BNA_F
ClientSampleId :
TP-13

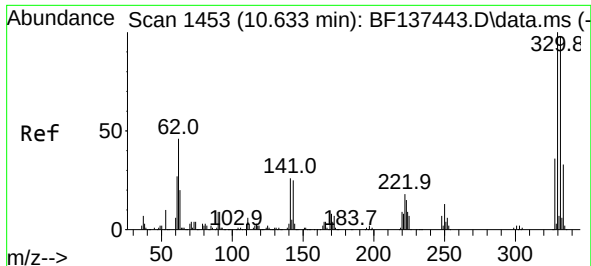
Tgt Ion: 82 Resp: 889773
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 50.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion: 164 Resp: 355358
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 76.144 ng

RT: 10.675 min Scan# 1453

Delta R.T. -0.017 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

Instrument :

BNA_F

ClientSampleId :

TP-13

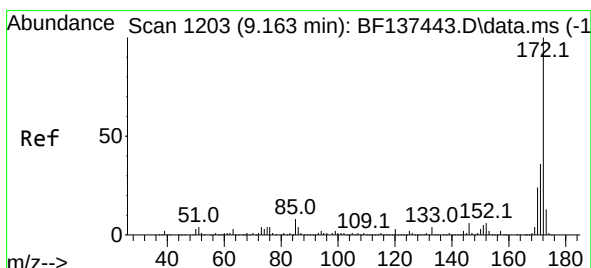
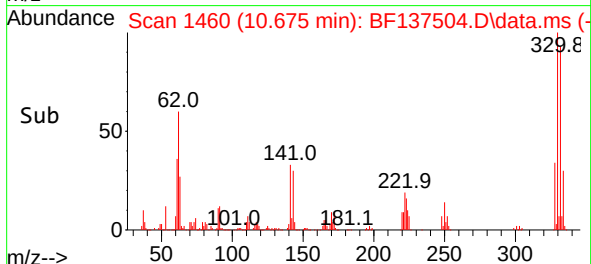
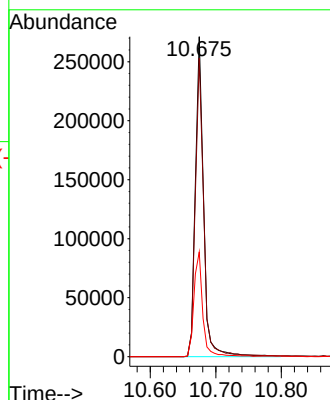
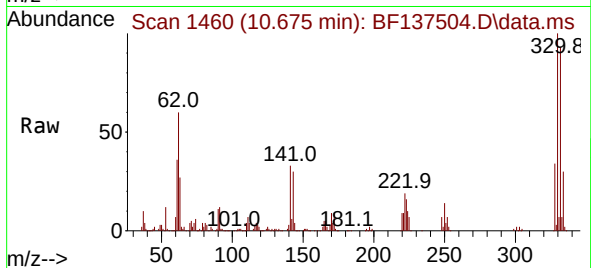
Tgt Ion:330 Resp: 237619

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 35.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 64.434 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF137504.D

Acq: 05 Mar 2024 17:03

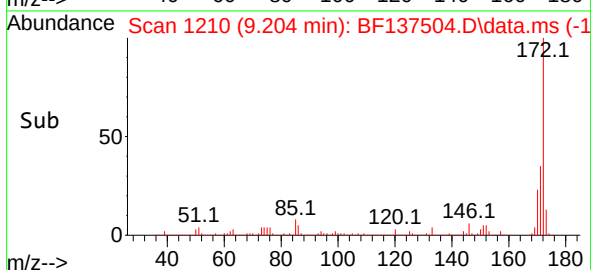
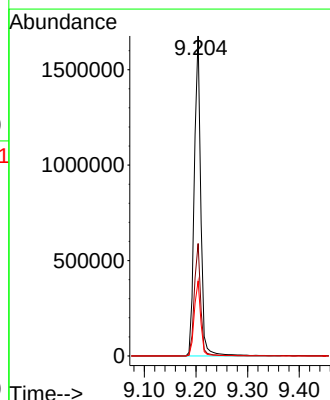
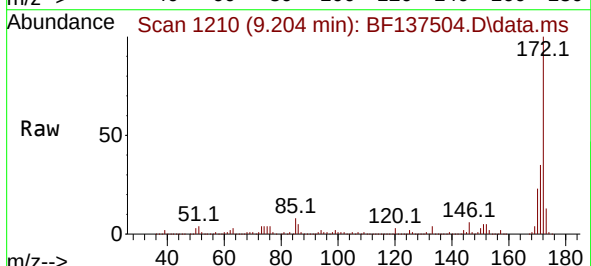
Tgt Ion:172 Resp: 1462743

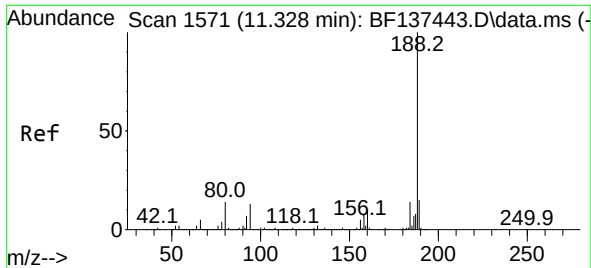
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.4 19.0 28.6

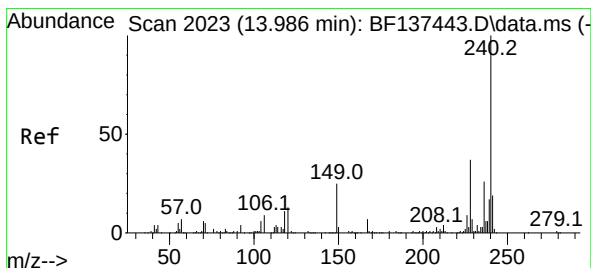
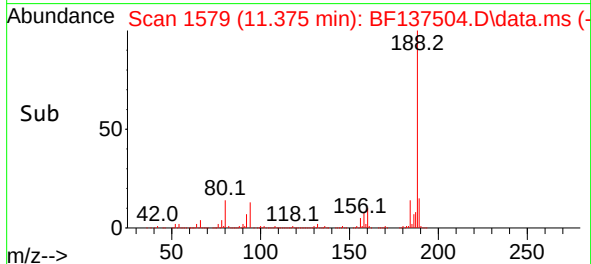
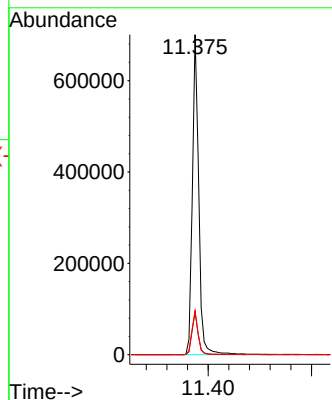
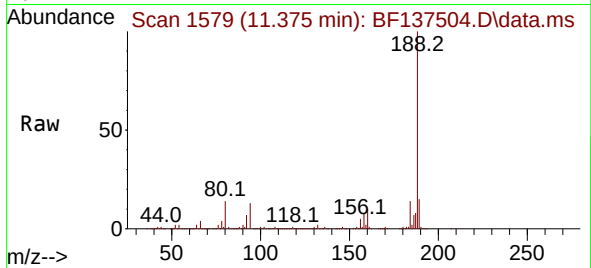




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

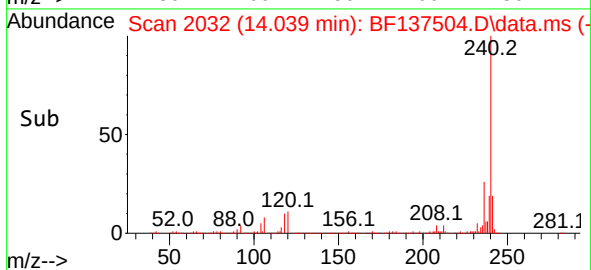
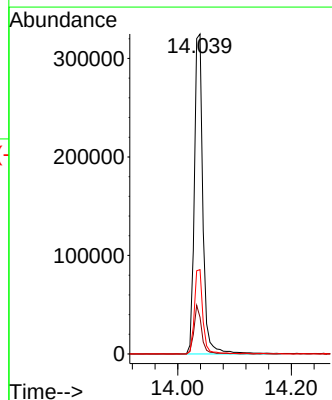
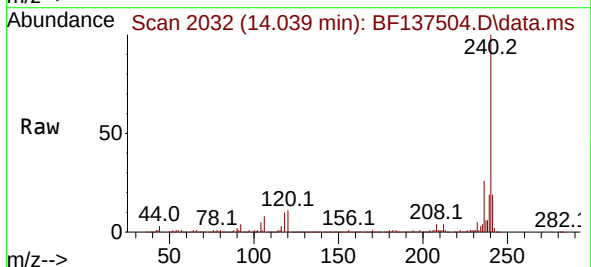
Instrument :
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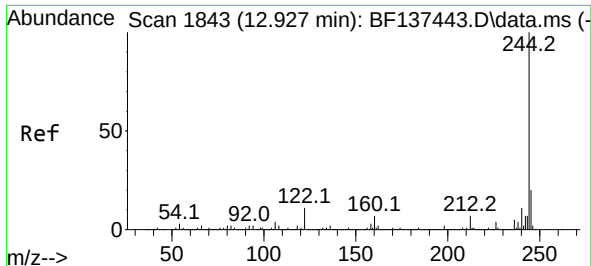
Tgt Ion:188 Resp: 597941
Ion Ratio Lower Upper
188 100
94 13.4 10.6 15.8
80 13.7 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137504.D
Acq: 05 Mar 2024 17:03

Tgt Ion:240 Resp: 341383
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 26.4 20.9 31.3

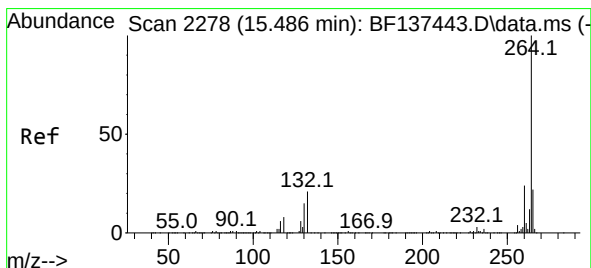
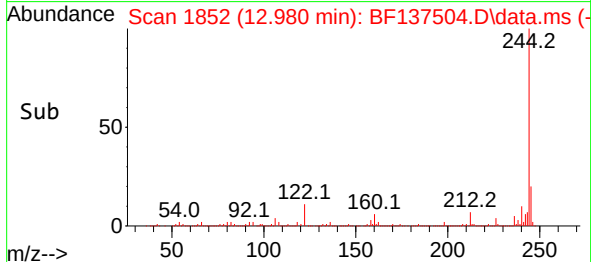
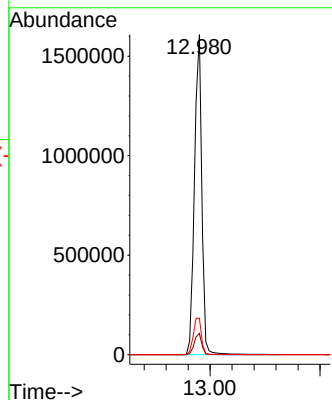
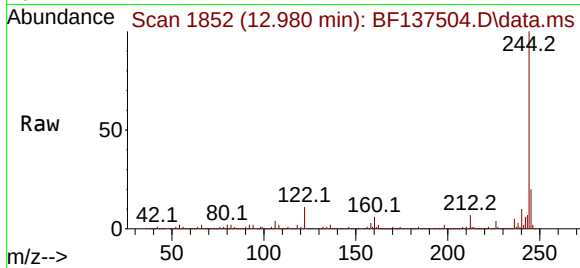




#79
 Terphenyl-d14
 Concen: 59.648 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137504.D
 Acq: 05 Mar 2024 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:244 Resp: 1480821
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF137504.D
 Acq: 05 Mar 2024 17:03

Tgt Ion:264 Resp: 345718
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 20.9 17.4 26.0

