

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137428.D
 Acq On : 28 Feb 2024 17:53
 Operator : CG\JU
 Sample : P1583-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-COMP

Quant Time: Feb 28 18:11:53 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	135033	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	551877	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	316230	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	589066	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	427813	20.000	ng	-0.02
86) Perylene-d12	15.451	264	366826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	496768	56.766	ng	-0.02
7) Phenol-d6	6.410	99	393001	30.529	ng	-0.03
23) Nitrobenzene-d5	7.345	82	1019532	92.230	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	360099	130.767	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1734460	85.390	ng	-0.02
79) Terphenyl-d14	12.916	244	2224207	72.718	ng	-0.01

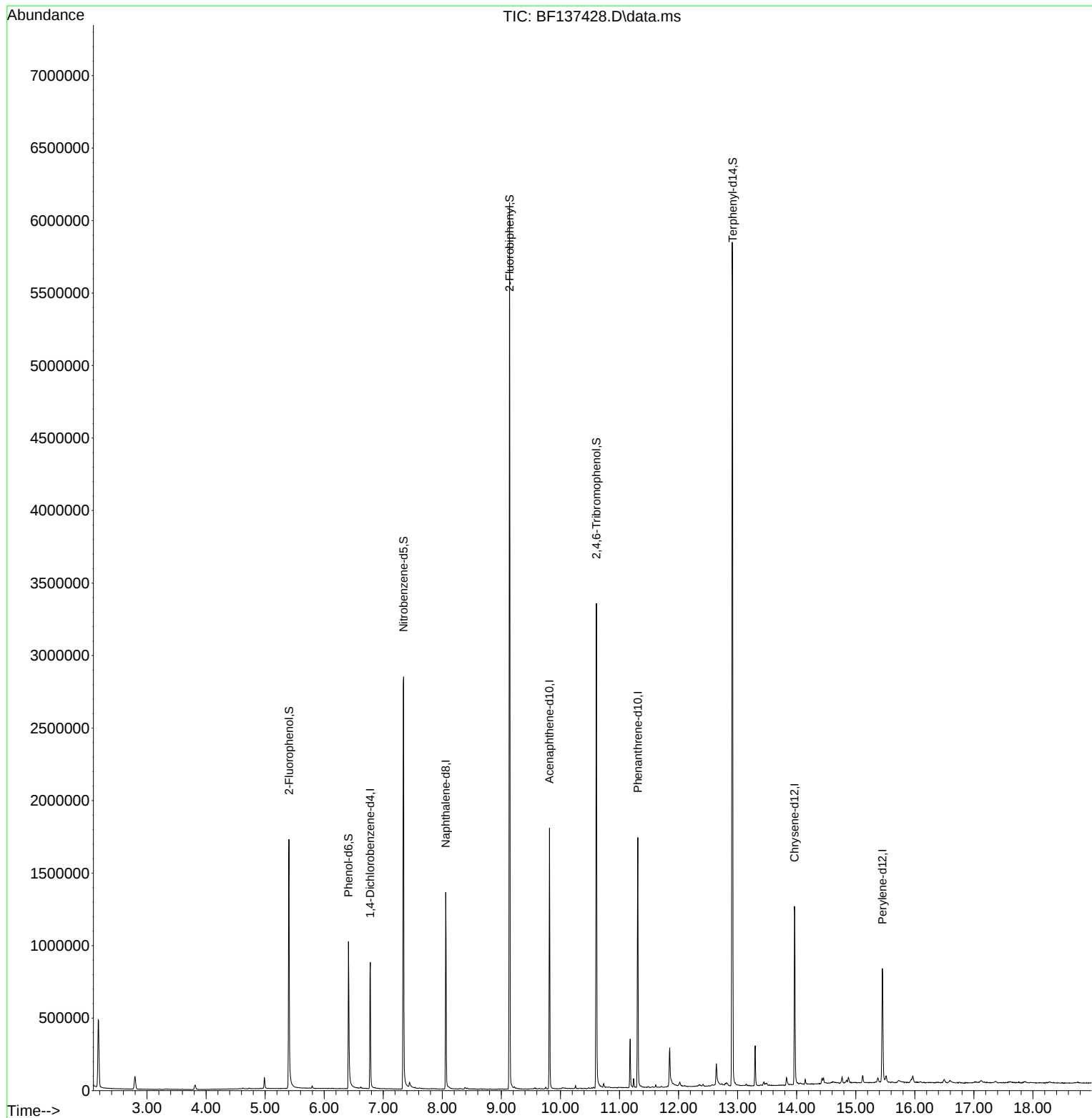
Target Compounds	Qvalue

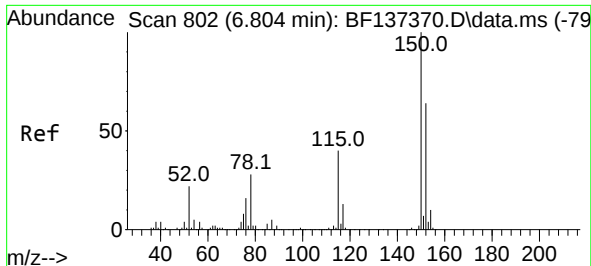
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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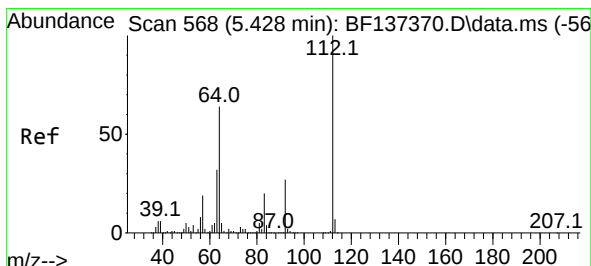
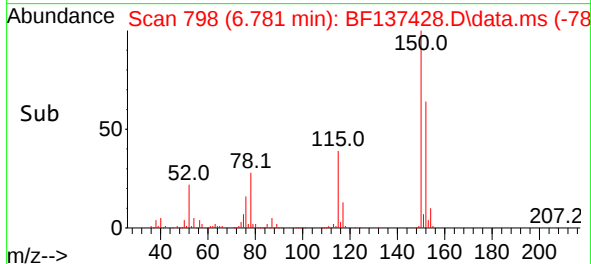
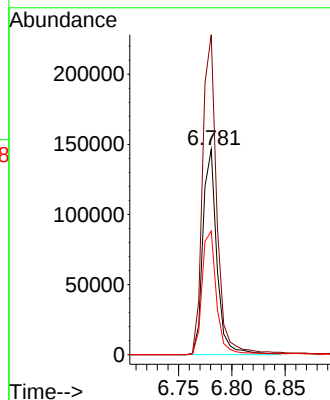
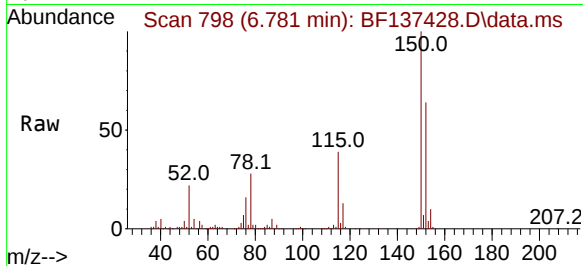




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

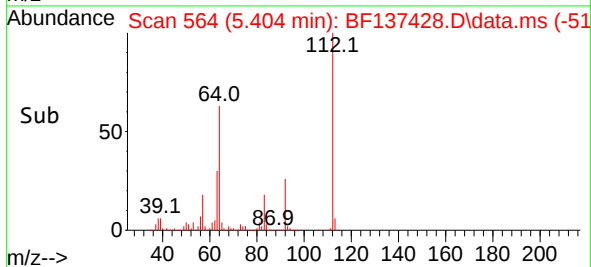
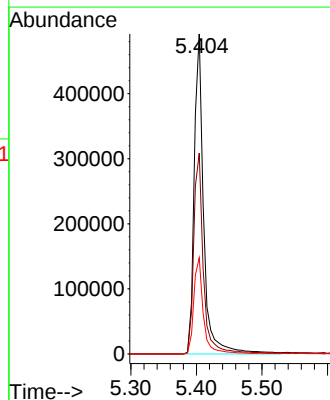
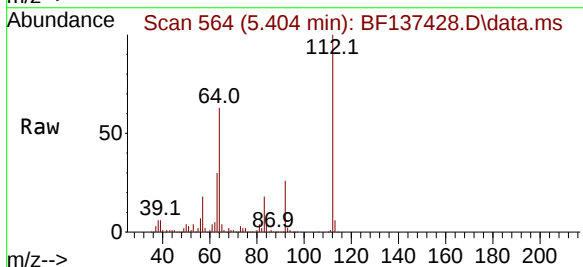
Instrument :
BNA_F
ClientSampleId :
MANHOLE-COMP

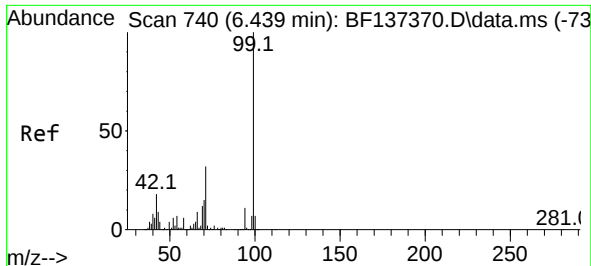
Tgt Ion:152 Resp: 135033
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 56.766 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.024 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion:112 Resp: 496768
Ion Ratio Lower Upper
112 100
64 62.7 51.0 76.6
63 30.0 25.7 38.5

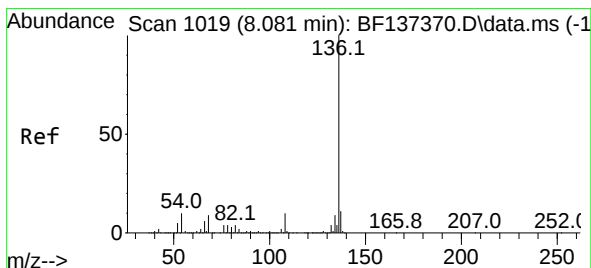
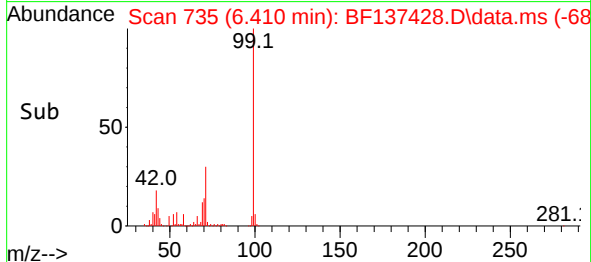
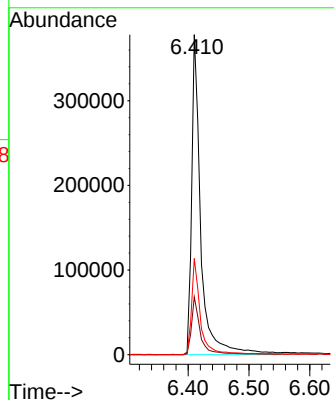
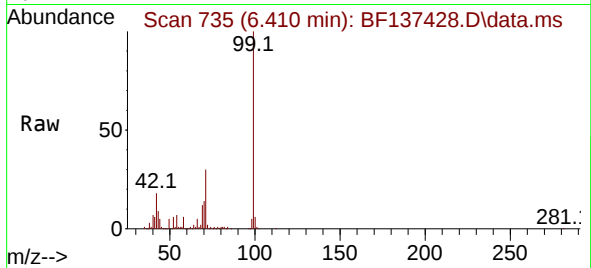




#7
Phenol-d6
Concen: 30.529 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.029 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

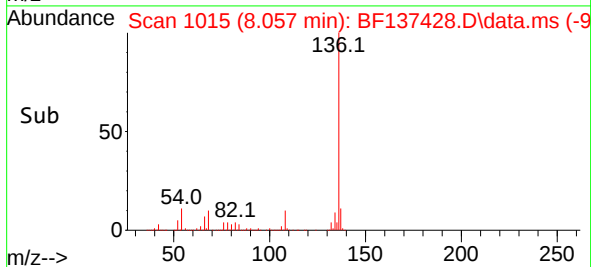
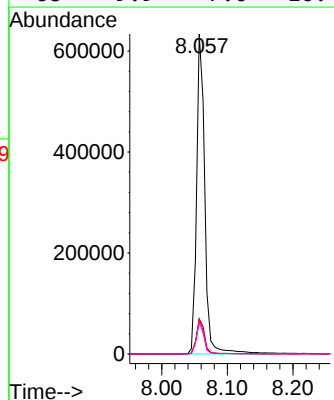
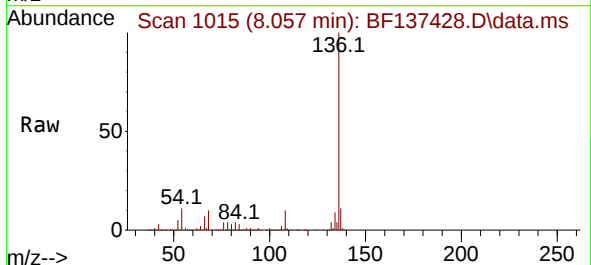
Instrument :
BNA_F
ClientSampleId :
MANHOLE-COMP

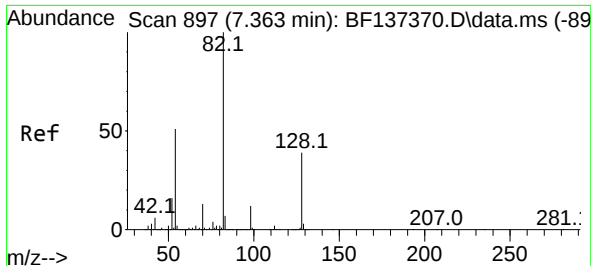
Tgt Ion: 99 Resp: 393001
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.0 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

Tgt Ion: 136 Resp: 551877
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.9 7.8 11.6
68 9.9 7.0 10.4





#23

Nitrobenzene-d5

Concen: 92.230 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Instrument :

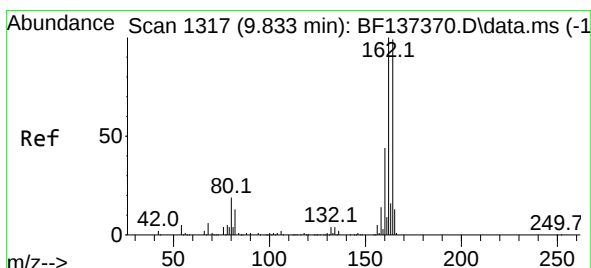
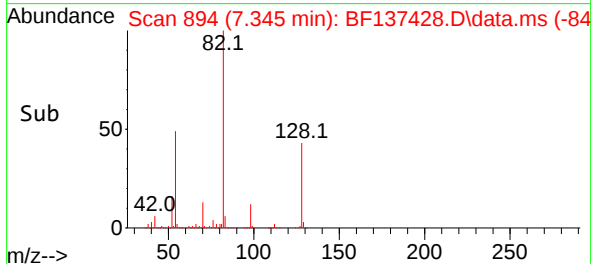
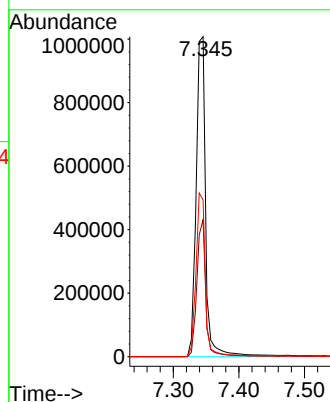
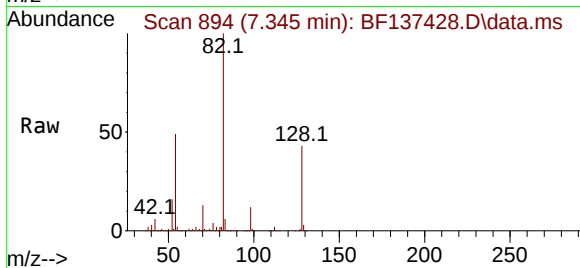
BNA_F

ClientSampleId :

MANHOLE-COMP

Tgt Ion: 82 Resp: 1019532

Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.8	46.2
54	49.0	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

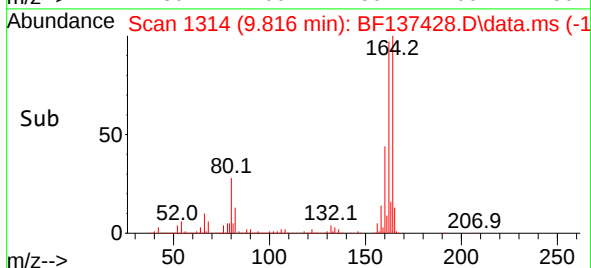
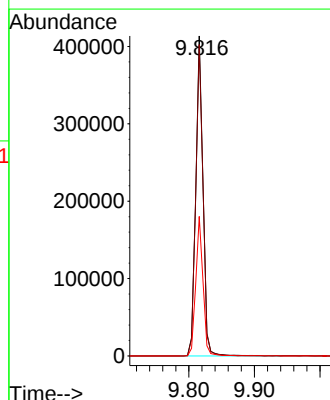
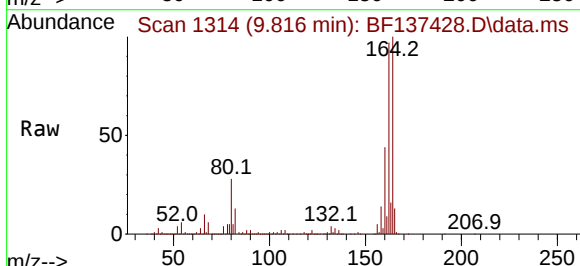
Delta R.T. -0.018 min

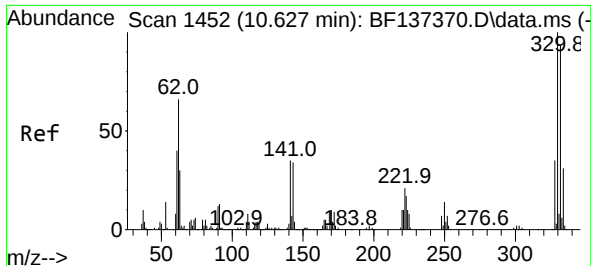
Lab File: BF137428.D

Acq: 28 Feb 2024 17:53

Tgt Ion: 164 Resp: 316230

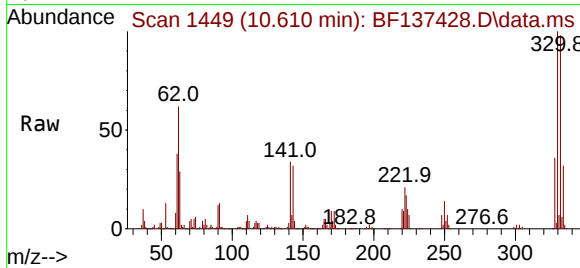
Ion	Ratio	Lower	Upper
164	100		
162	97.3	81.2	121.8
160	43.6	35.7	53.5



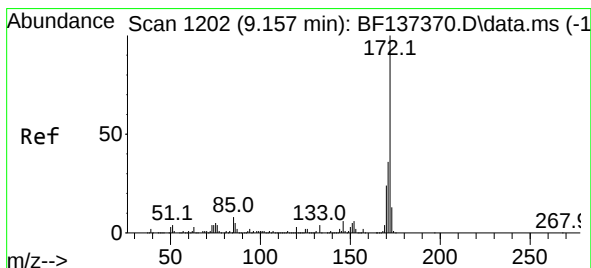
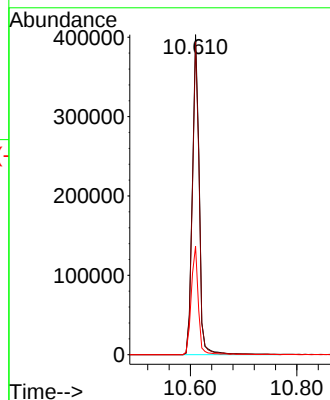
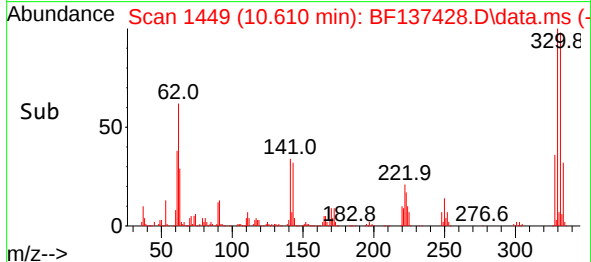


#42
2,4,6-Tribromophenol
Concen: 130.767 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

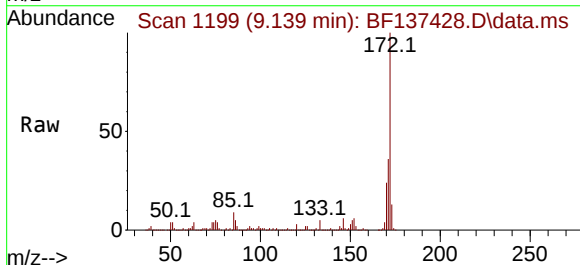
Instrument :
BNA_F
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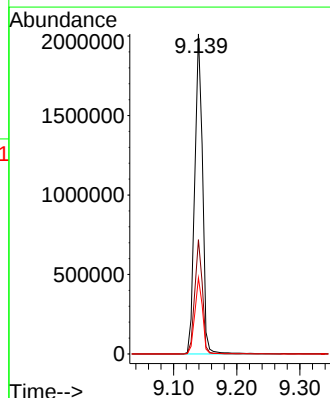
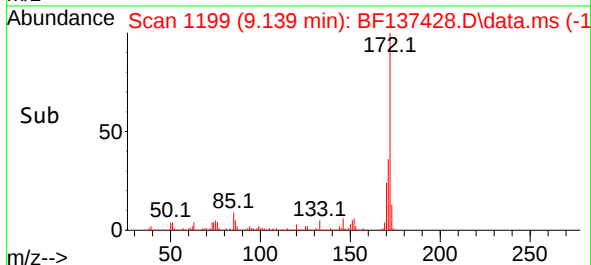
Tgt Ion:330 Resp: 360099
Ion Ratio Lower Upper
330 100
332 97.1 75.6 113.4
141 34.8 28.6 42.8

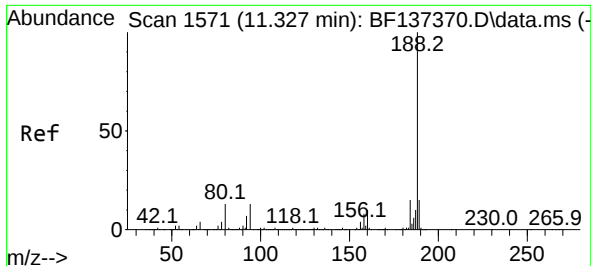


#45
2-Fluorobiphenyl
Concen: 85.390 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53



Tgt Ion:172 Resp: 1734460
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.8 19.5 29.3

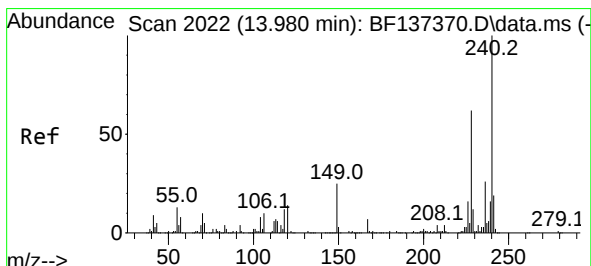
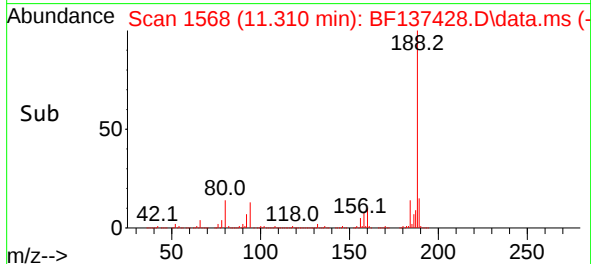
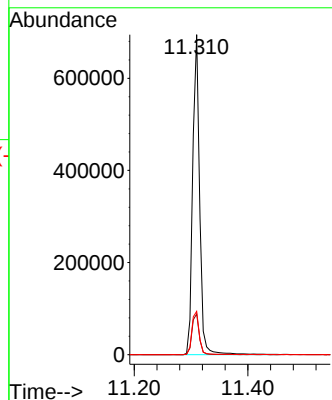
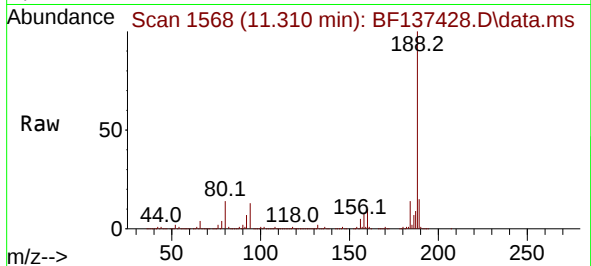




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

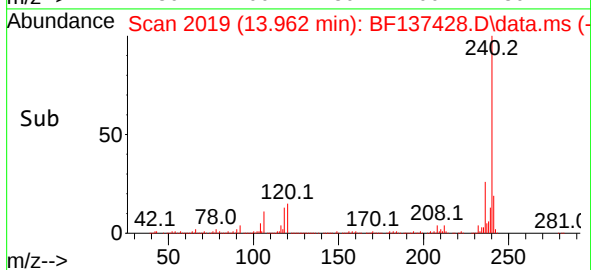
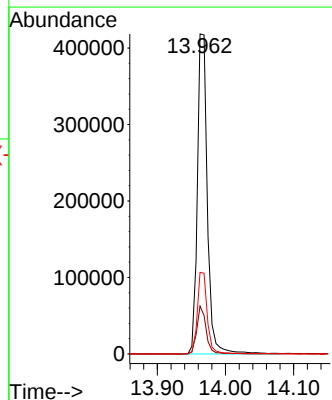
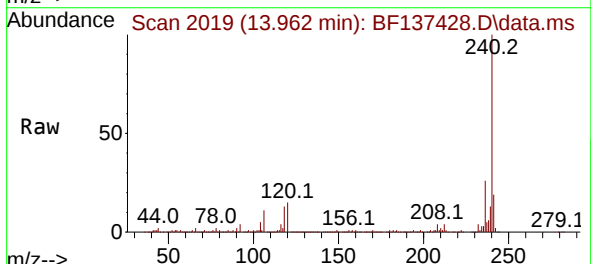
Instrument :
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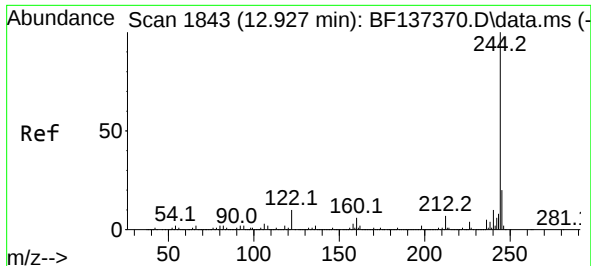
Tgt Ion:188 Resp: 589066
Ion Ratio Lower Upper
188 100
94 12.7 10.2 15.2
80 13.6 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137428.D
Acq: 28 Feb 2024 17:53

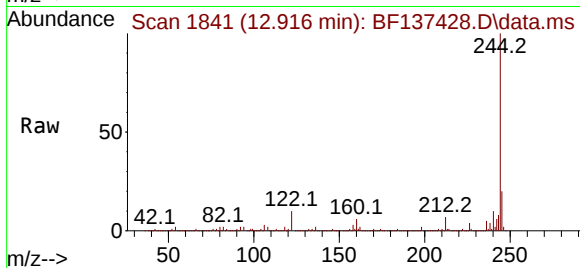
Tgt Ion:240 Resp: 427813
Ion Ratio Lower Upper
240 100
120 14.9 11.3 16.9
236 25.5 20.5 30.7





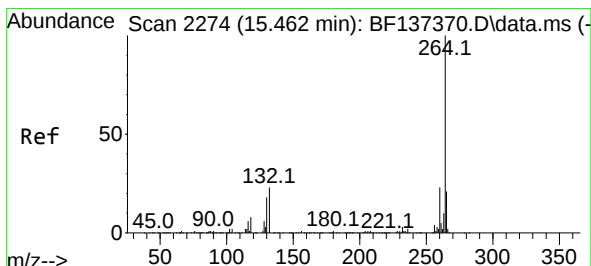
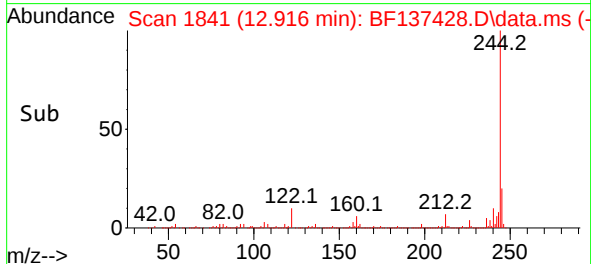
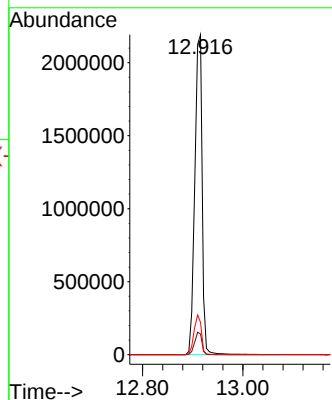
#79
 Terphenyl-d14
 Concen: 72.718 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137428.D
 Acq: 28 Feb 2024 17:53

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-COMP



Tgt Ion:244 Resp: 2224207

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.1	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF137428.D
 Acq: 28 Feb 2024 17:53

Tgt Ion:264 Resp: 366826

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	22.2	16.9	25.3

