

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141766.D
Acq On : 25 Feb 2025 16:05
Operator : RC/JU
Sample : Q1415-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-172-SB02

Quant Time: Feb 25 16:27:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71117	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	279572	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	151408	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	244202	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	165983	20.000	ng	-0.02
86) Perylene-d12	15.386	264	176431	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	462654	101.990	ng	0.00
7) Phenol-d6	6.428	99	566004	98.719	ng	-0.01
23) Nitrobenzene-d5	7.345	82	367579	68.577	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	130576	85.851	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	717455	73.004	ng	-0.02
79) Terphenyl-d14	12.880	244	686743	69.847	ng	-0.02

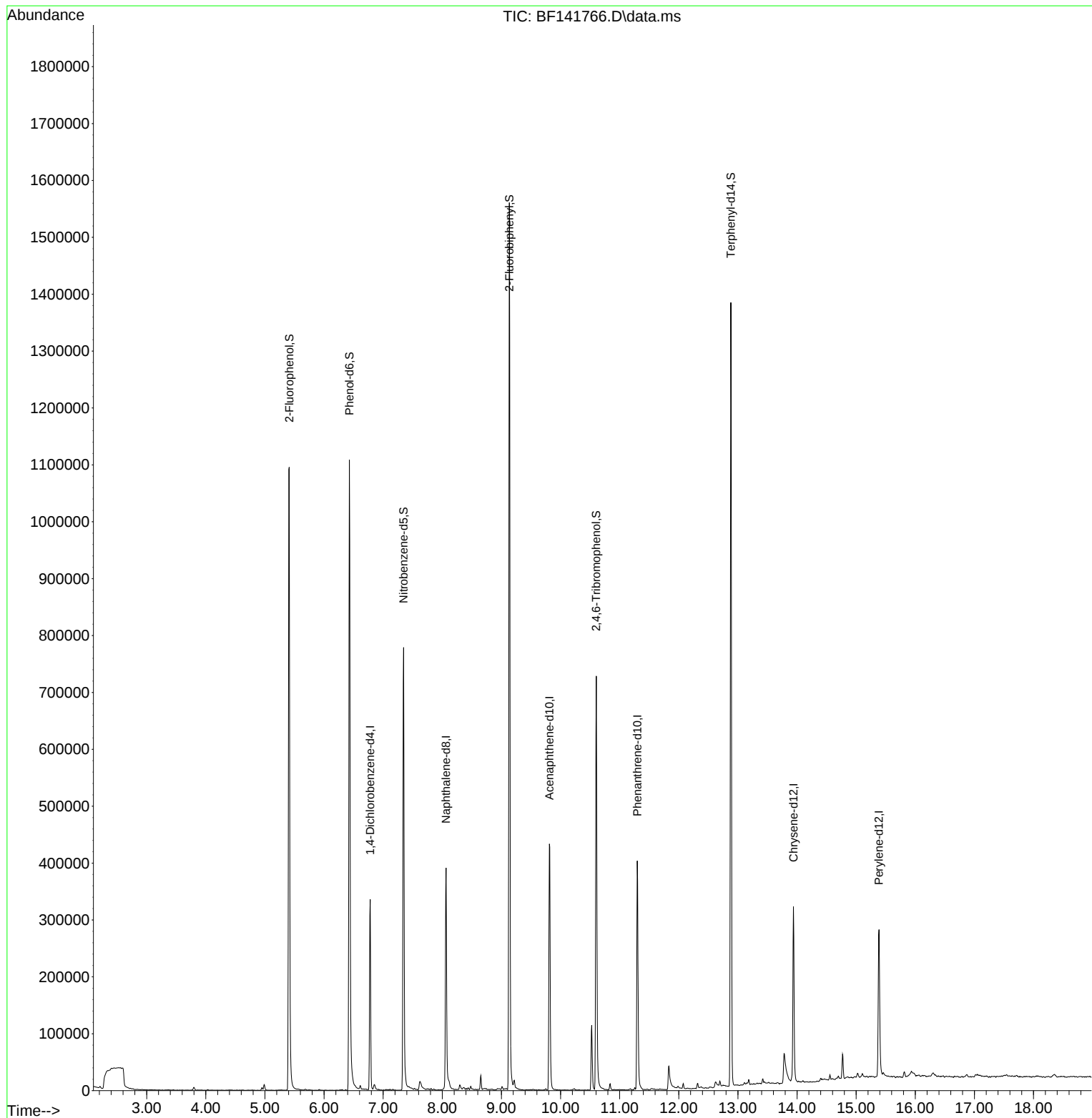
Target Compounds	Qvalue

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

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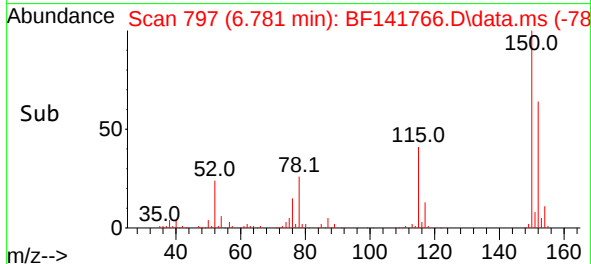
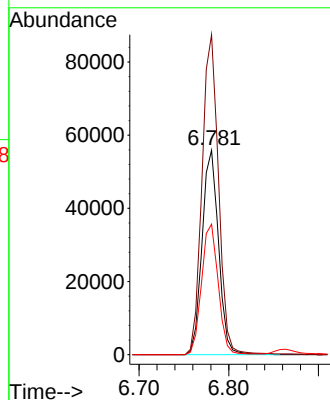
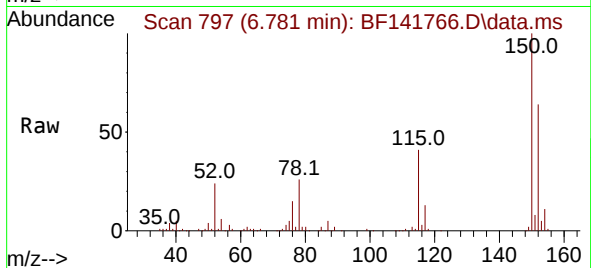




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141766.D
 Acq: 25 Feb 2025 16:05

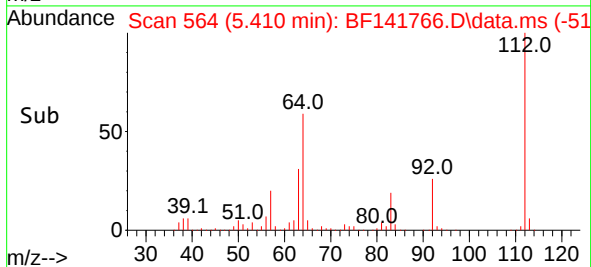
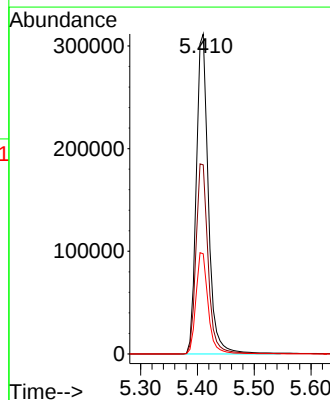
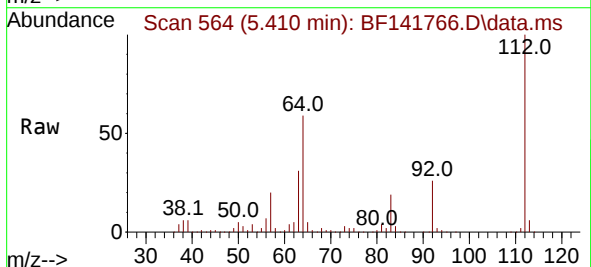
Instrument :
 BNA_F
 ClientSampleId :
 B-172-SB02

Tgt Ion:152 Resp: 71117
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 63.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 101.990 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141766.D
 Acq: 25 Feb 2025 16:05

Tgt Ion:112 Resp: 462654
 Ion Ratio Lower Upper
 112 100
 64 59.1 51.1 76.7
 63 31.3 28.4 42.6





#7
Phenol-d6
Concen: 98.719 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

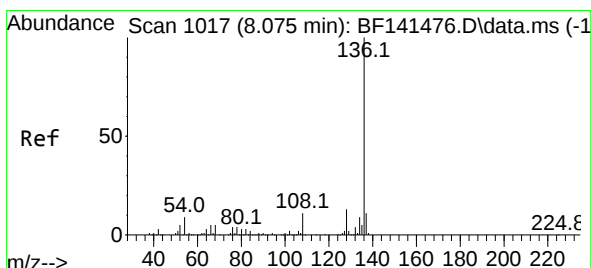
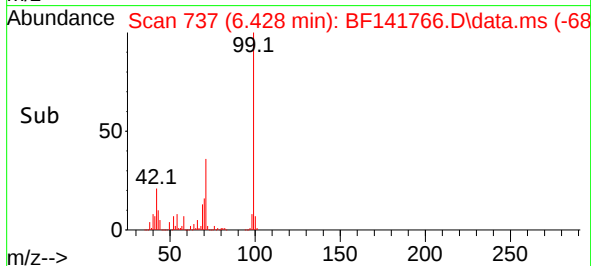
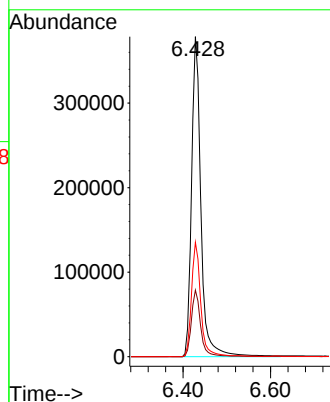
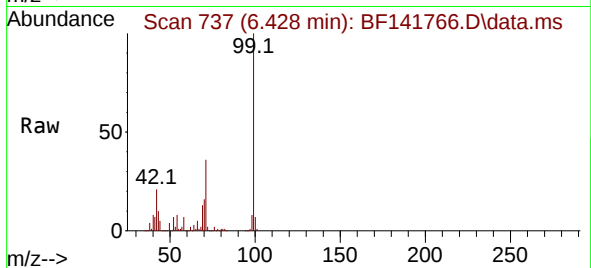
Instrument :

BNA_F

ClientSampleId :

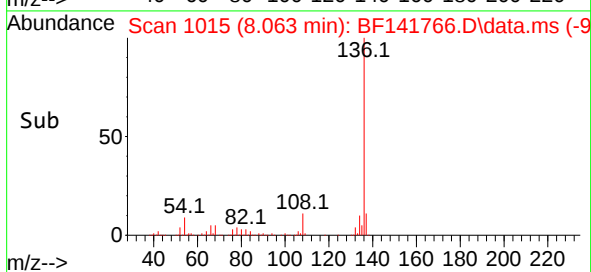
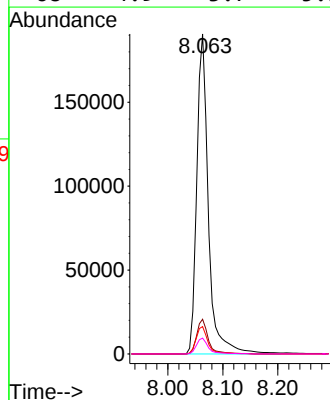
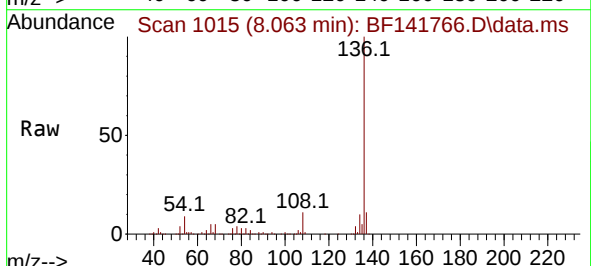
B-172-SB02

Tgt Ion: 99 Resp: 566004
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 35.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

Tgt Ion: 136 Resp: 279572
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.2 10.8
68 4.9 3.7 5.5

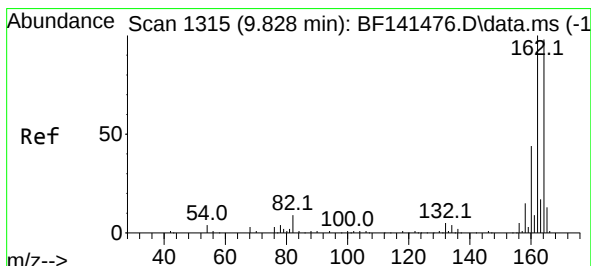
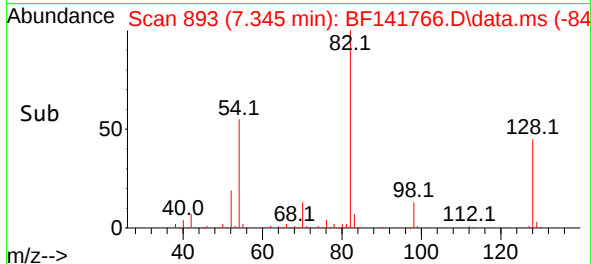
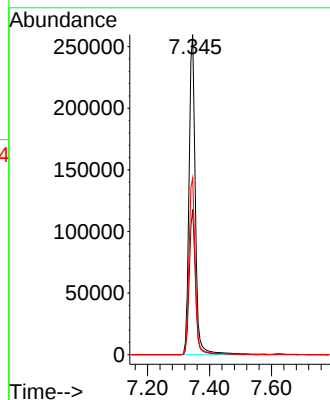
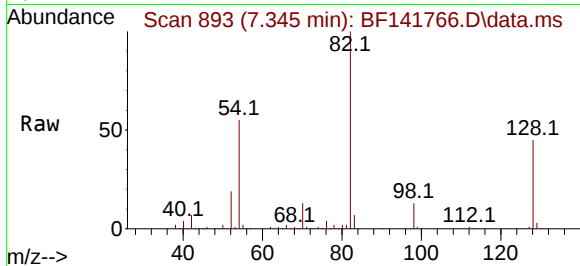




#23
Nitrobenzene-d5
Concen: 68.577 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

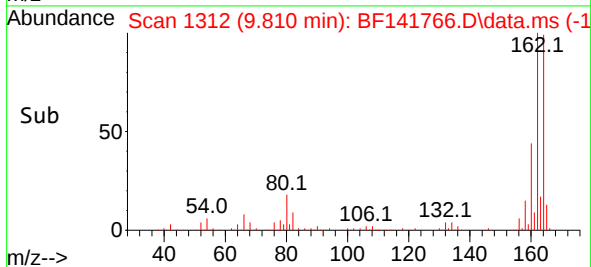
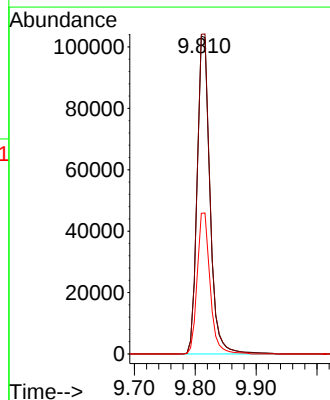
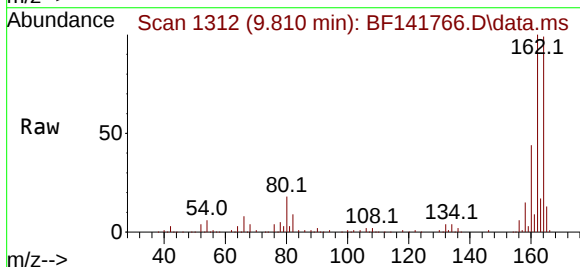
Instrument :
BNA_F
ClientSampleId :
B-172-SB02

Tgt Ion: 82 Resp: 367579
Ion Ratio Lower Upper
82 100
128 45.3 34.8 52.2
54 55.2 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

Tgt Ion:164 Resp: 151408
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 85.851 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141766.D

Acq: 25 Feb 2025 16:05

Instrument :

BNA_F

ClientSampleId :

B-172-SB02

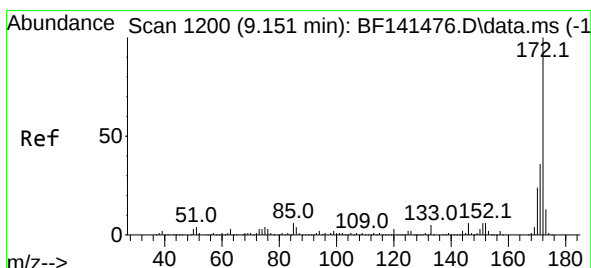
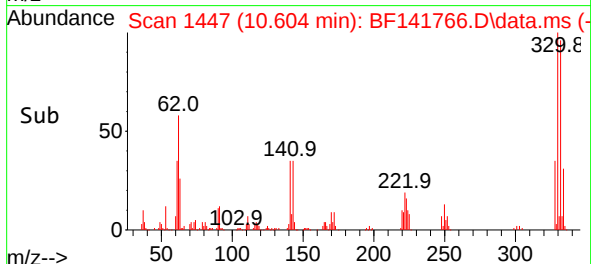
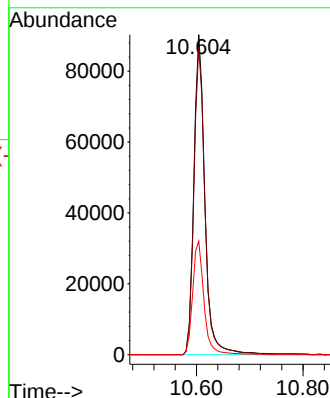
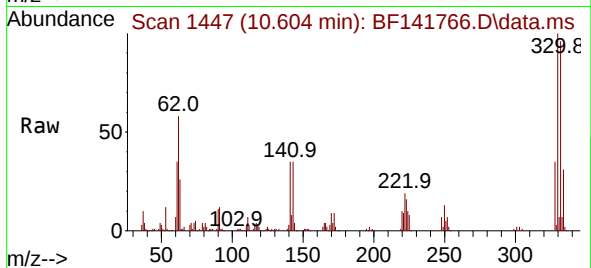
Tgt Ion:330 Resp: 130576

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 36.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 73.004 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141766.D

Acq: 25 Feb 2025 16:05

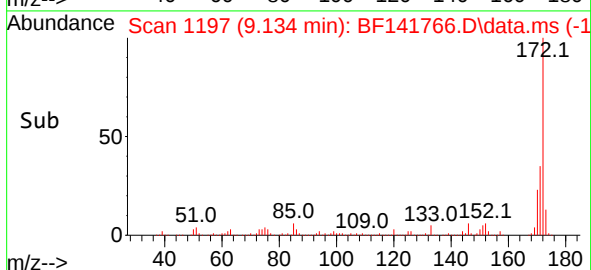
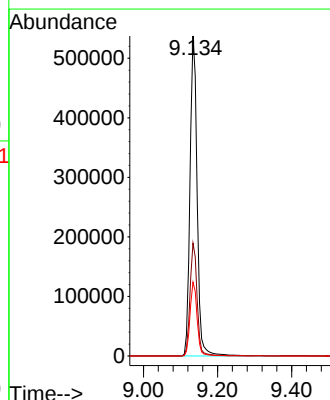
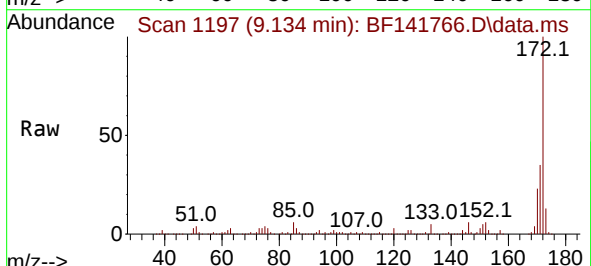
Tgt Ion:172 Resp: 717455

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.1 18.9 28.3

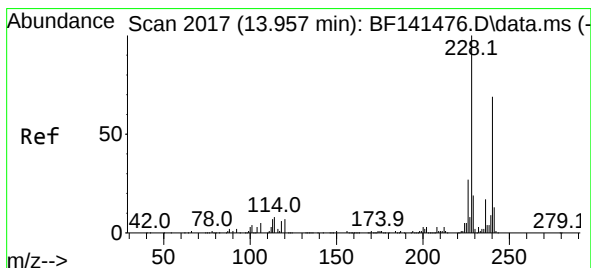
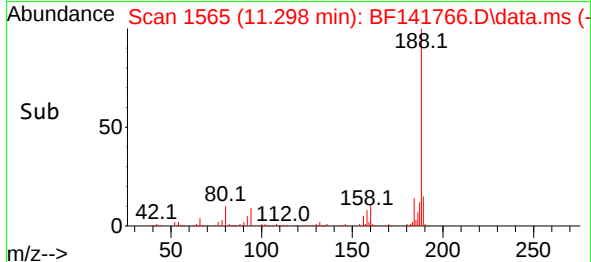
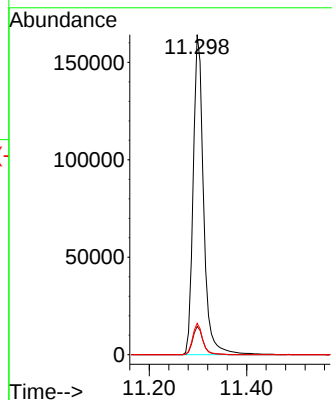
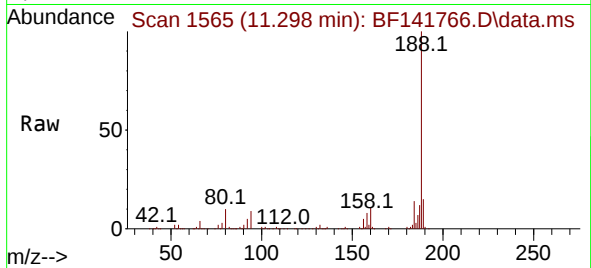




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

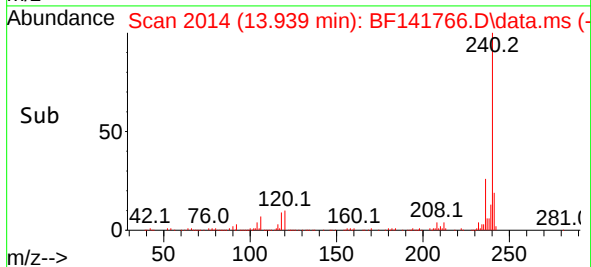
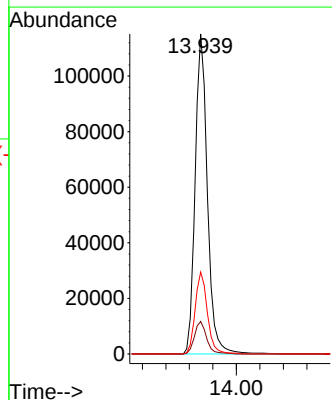
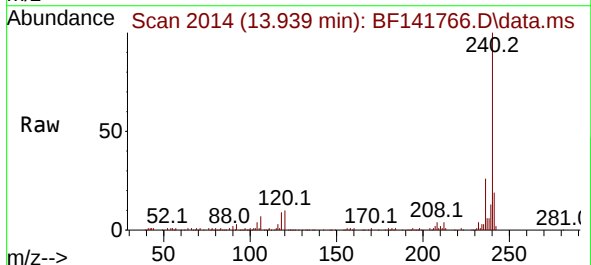
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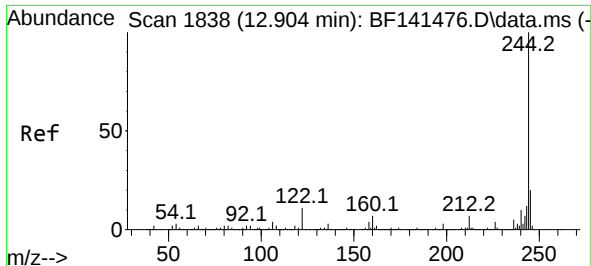
Tgt Ion:188 Resp: 244202
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141766.D
Acq: 25 Feb 2025 16:05

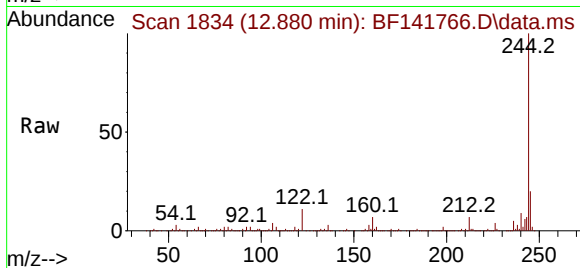
Tgt Ion:240 Resp: 165983
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.6 19.8 29.8



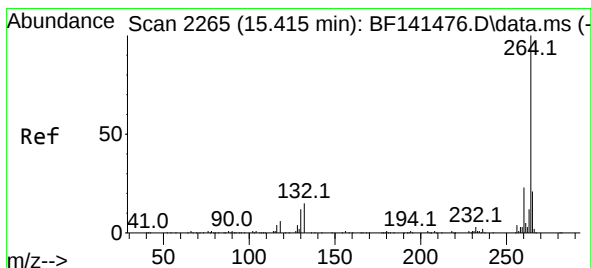
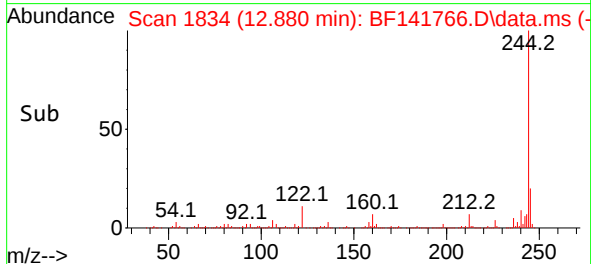
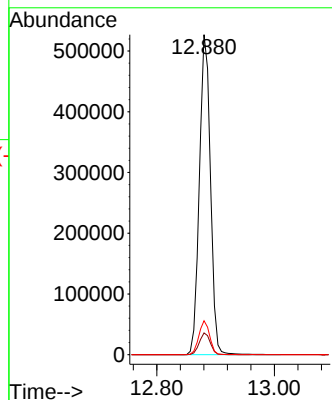


#79
 Terphenyl-d14
 Concen: 69.847 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141766.D
 Acq: 25 Feb 2025 16:05

Instrument :
 BNA_F
 ClientSampleId :
 B-172-SB02



Tgt Ion:244 Resp: 686743
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141766.D
 Acq: 25 Feb 2025 16:05

Tgt Ion:264 Resp: 176431
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.0 17.0 25.4

