

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141411.D
 Acq On : 04 Feb 2025 16:24
 Operator : RC/JU
 Sample : PB166525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BL

Quant Time: Feb 04 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	78469	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	309894	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	173241	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	294593	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	223390	20.000	ng	-0.02
86) Perylene-d12	15.421	264	179198	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	715608	140.005	ng	0.00
7) Phenol-d6	6.428	99	884403	136.015	ng	-0.01
23) Nitrobenzene-d5	7.351	82	594006	101.047	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	244246	153.786	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1118168	99.346	ng	-0.02
79) Terphenyl-d14	12.904	244	1352416	93.365	ng	-0.01

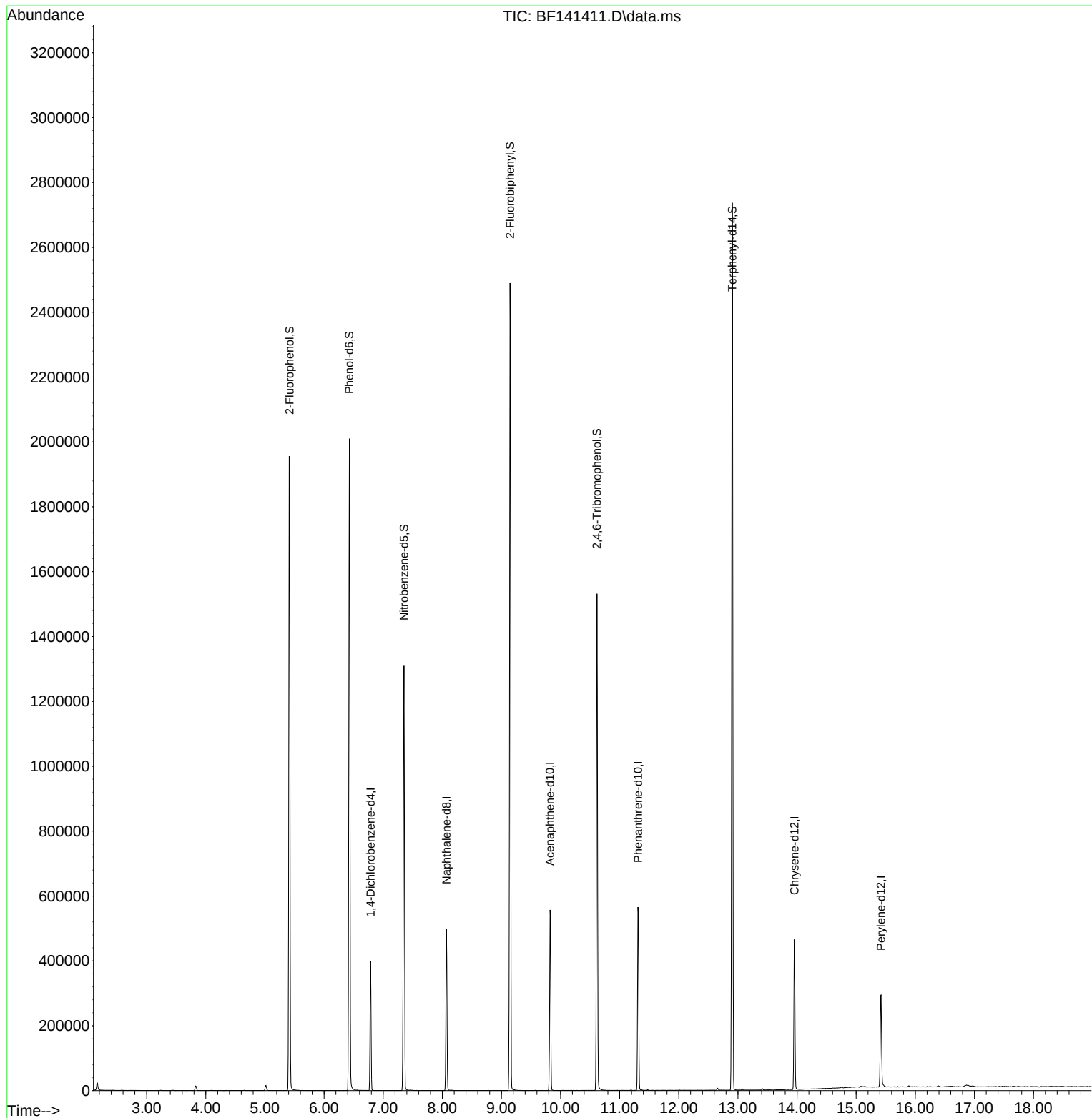
Target Compounds	Qvalue

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

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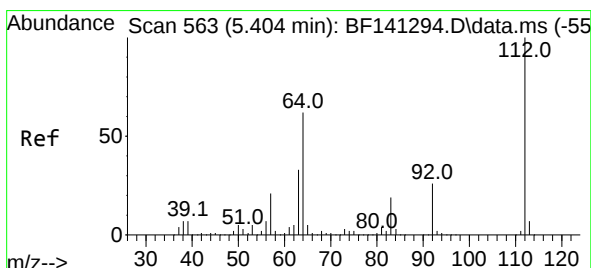
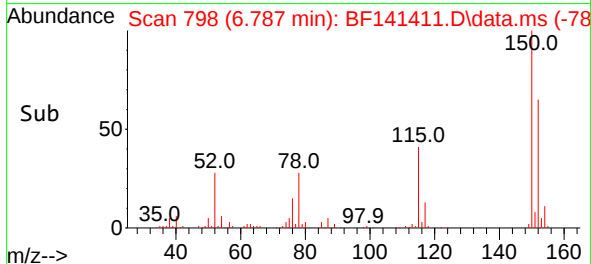
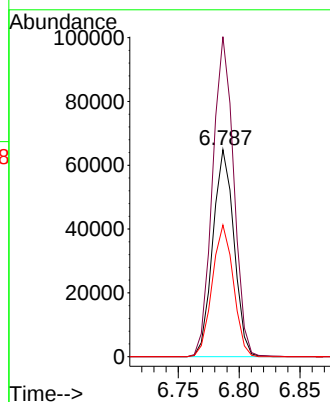
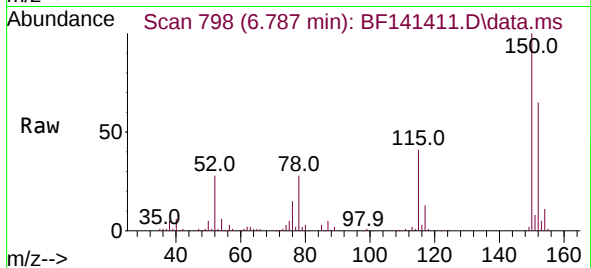




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

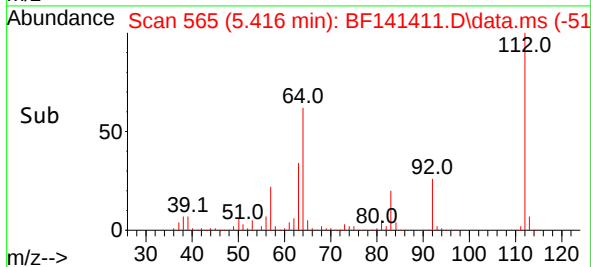
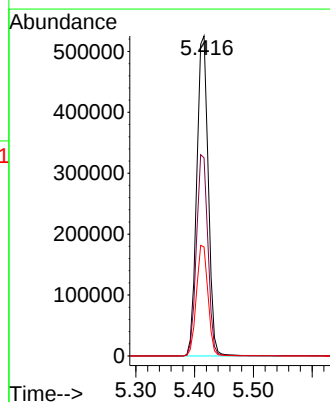
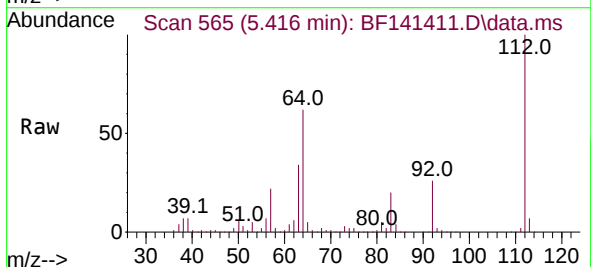
Instrument :
 BNA_F
 ClientSampleId :
 PB166525BL

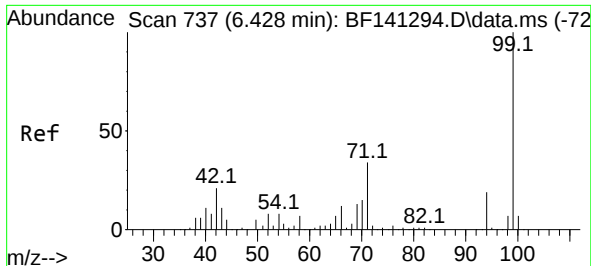
Tgt Ion:152 Resp: 78469
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 63.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.005 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

Tgt Ion:112 Resp: 715608
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.8 74.8
 63 34.1 26.1 39.1

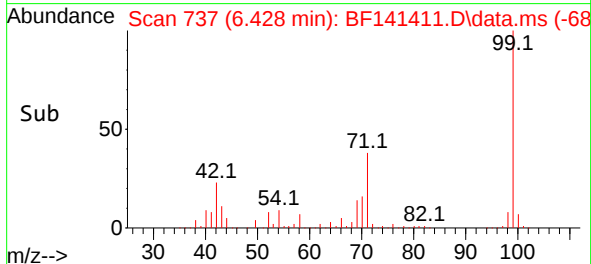
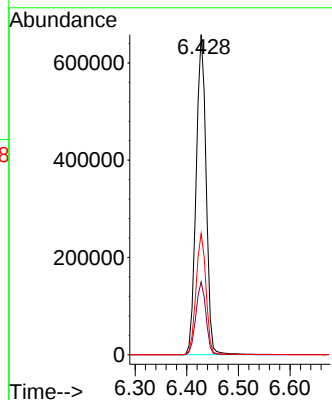
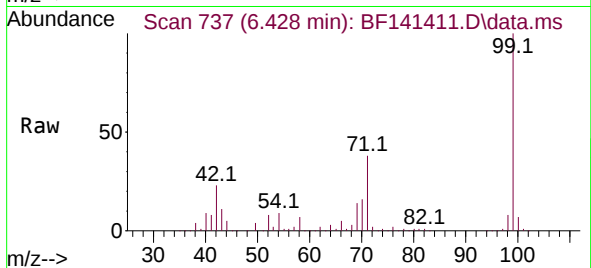




#7
Phenol-d6
Concen: 136.015 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

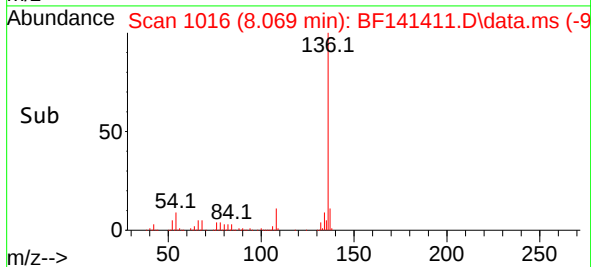
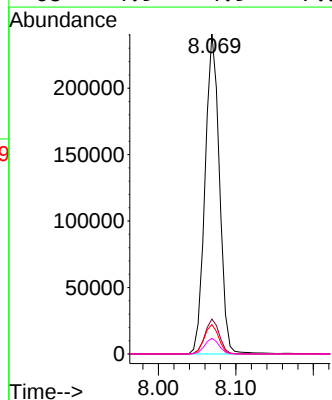
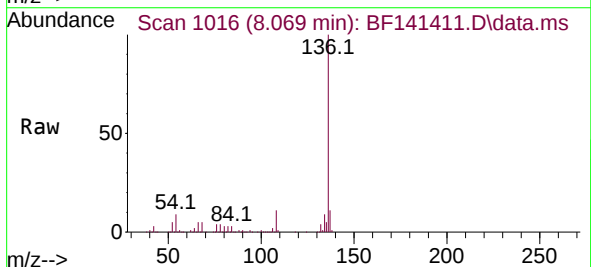
Instrument :
BNA_F
ClientSampleId :
PB166525BL

Tgt Ion: 99 Resp: 884403
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion: 136 Resp: 309894
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 4.9 4.9 7.3

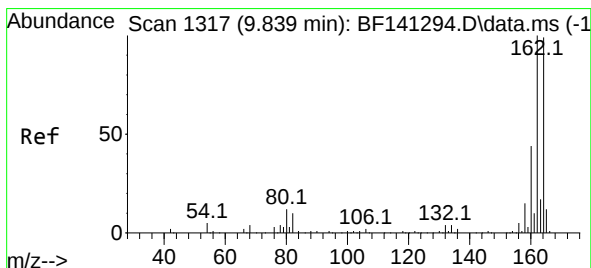
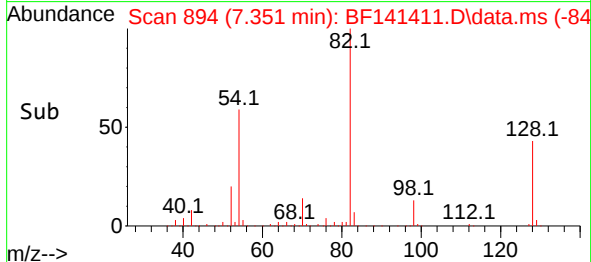
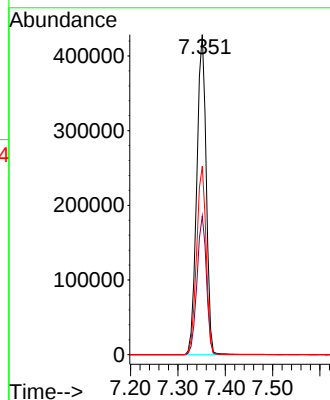
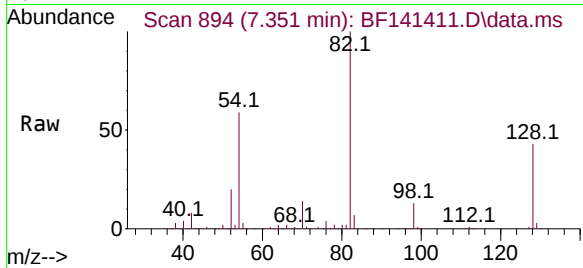




#23
Nitrobenzene-d5
Concen: 101.047 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

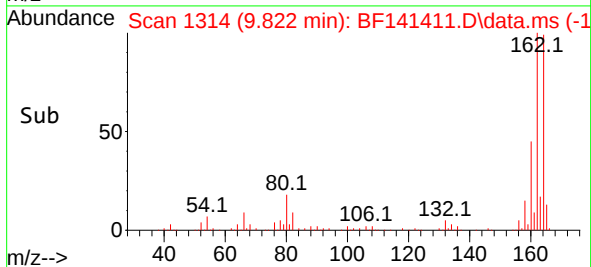
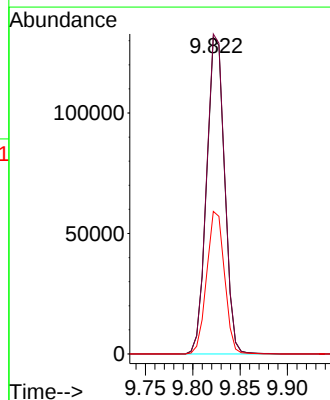
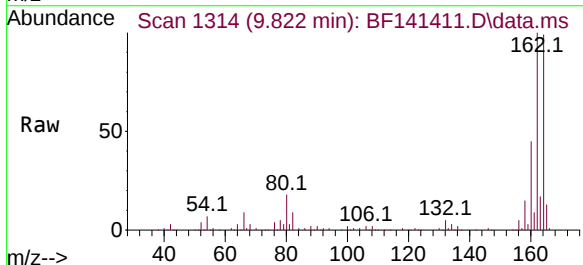
Instrument :
BNA_F
ClientSampleId :
PB166525BL

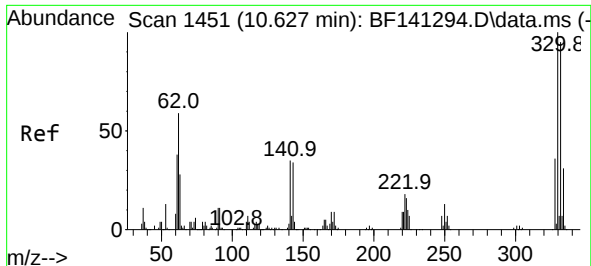
Tgt Ion: 82 Resp: 594006
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

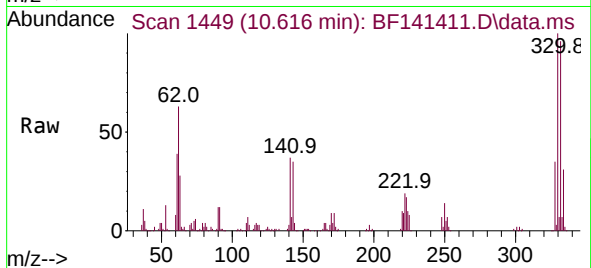
Tgt Ion:164 Resp: 173241
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.0 35.8 53.6



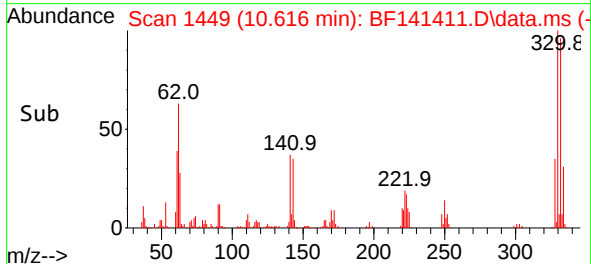
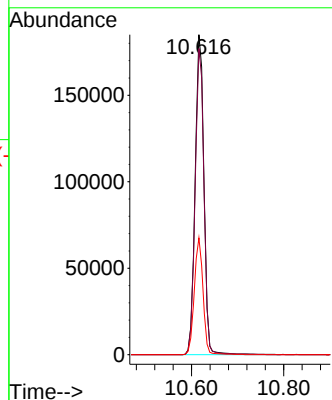


#42
2,4,6-Tribromophenol
Concen: 153.786 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB166525BL

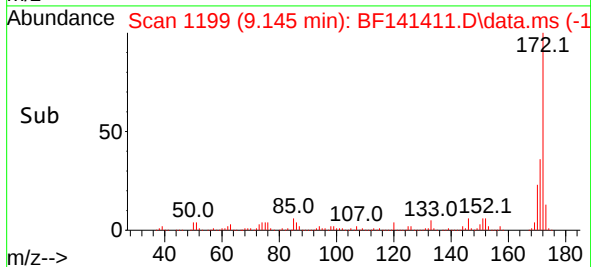
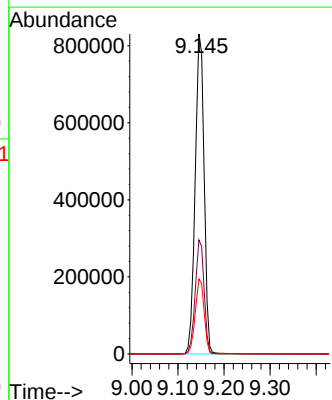
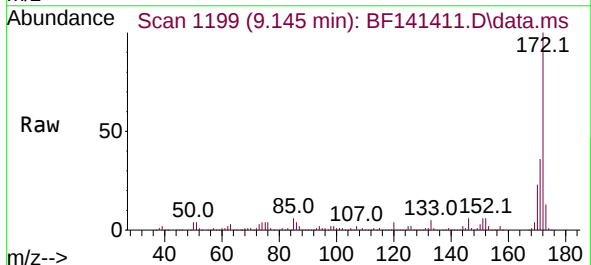


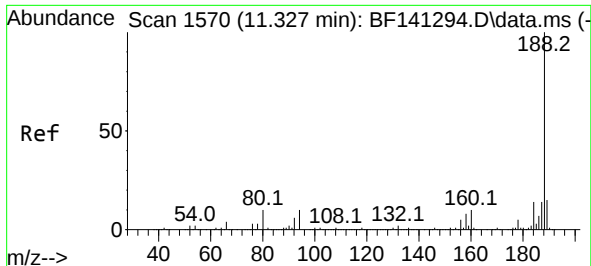
Tgt Ion:330 Resp: 244246
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 36.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.346 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion:172 Resp: 1118168
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.4 19.0 28.6

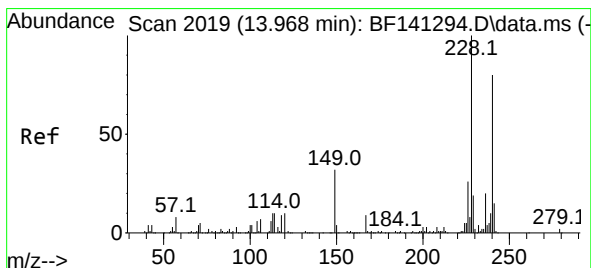
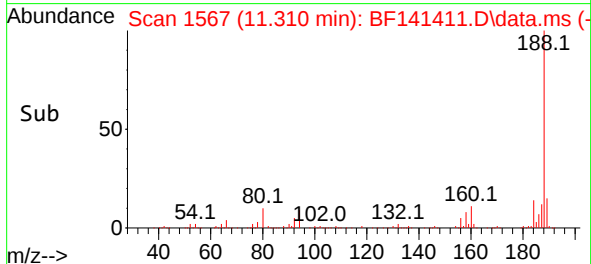
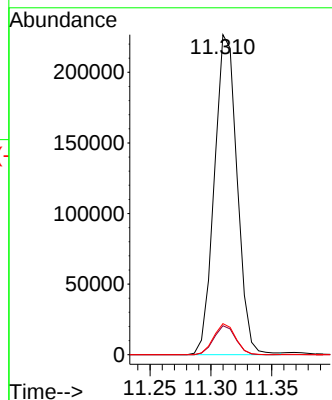
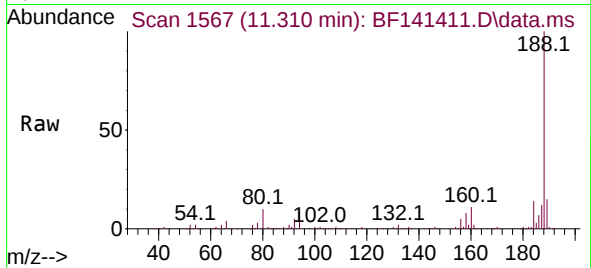




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

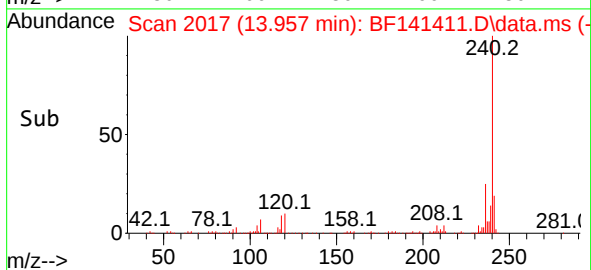
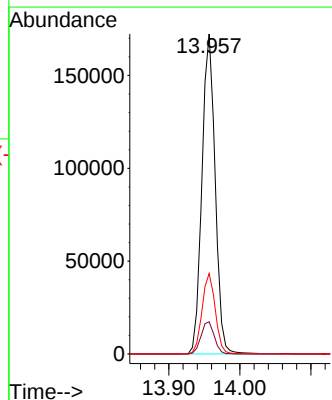
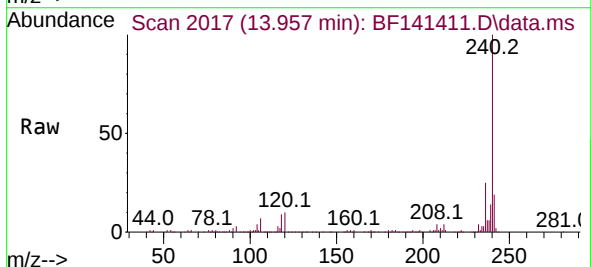
Instrument :
BNA_F
ClientSampleId :
PB166525BL

Tgt Ion:188 Resp: 294593
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

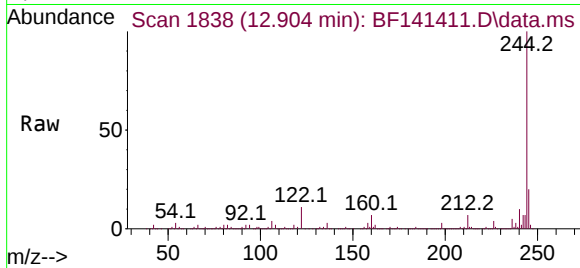
Tgt Ion:240 Resp: 223390
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.1 19.7 29.5



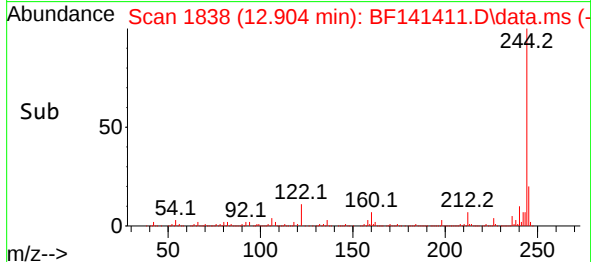
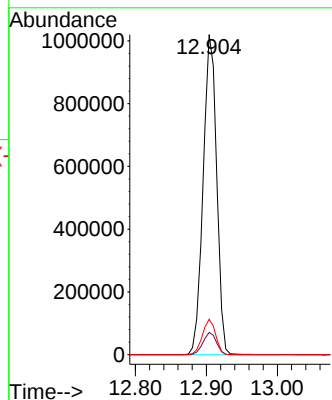


#79
 Terphenyl-d14
 Concen: 93.365 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BL



Tgt Ion:244 Resp: 1352416
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

Tgt Ion:264 Resp: 179198
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 27.8
 265 20.7 16.7 25.1

