

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141401.D
 Acq On : 04 Feb 2025 12:02
 Operator : RC/JU
 Sample : PB166423TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166423TB

Quant Time: Feb 04 12:56:34 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	79603	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	321231	20.000	ng	#-0.02
39) Acenaphthene-d10	9.828	164	179300	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	311828	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	245488	20.000	ng	-0.02
86) Perylene-d12	15.410	264	193327	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	712179	137.349	ng	0.00
7) Phenol-d6	6.428	99	885464	134.238	ng	-0.01
23) Nitrobenzene-d5	7.351	82	582552	95.601	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	245592	149.408	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1109712	95.263	ng	-0.02
79) Terphenyl-d14	12.904	244	1343273	84.386	ng	-0.01

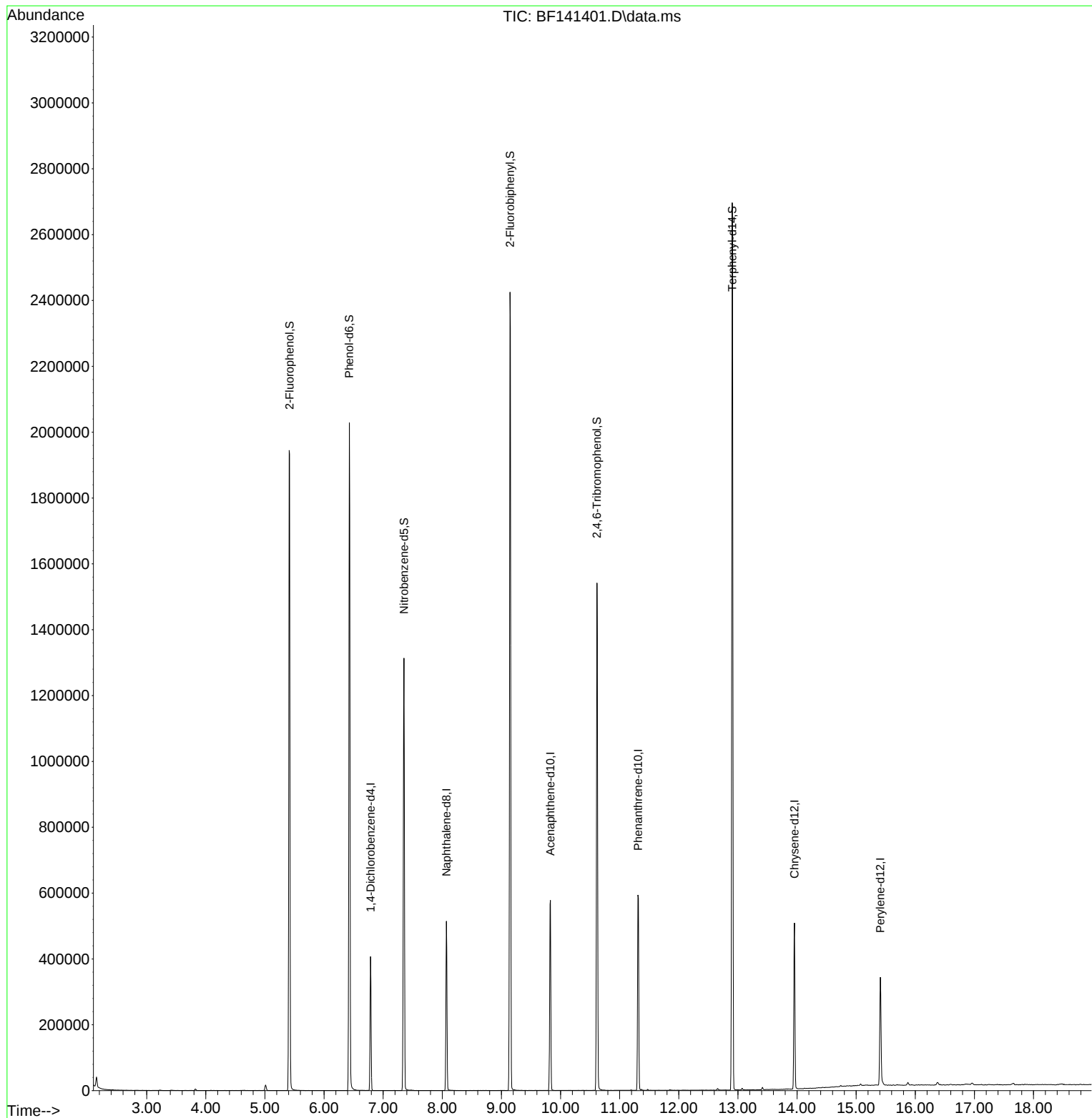
Target Compounds	Qvalue

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

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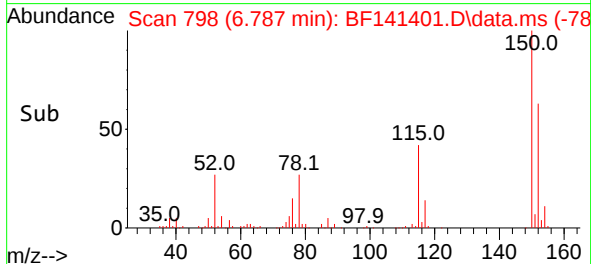
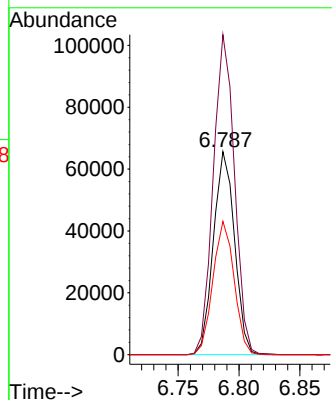
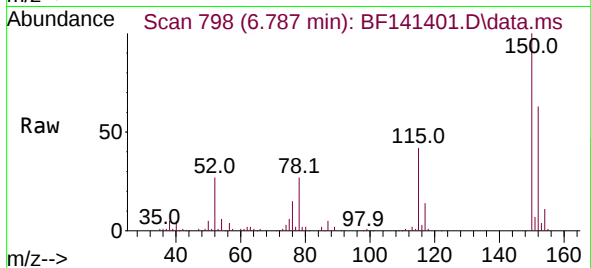




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

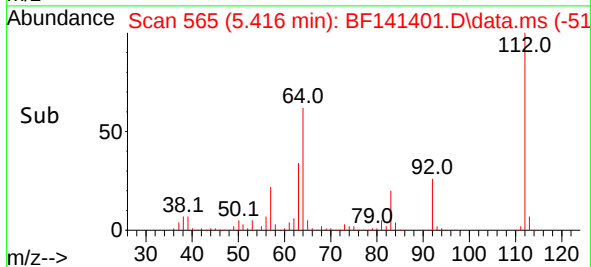
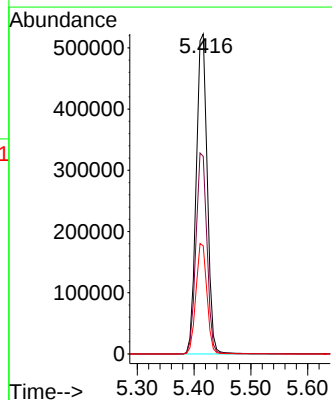
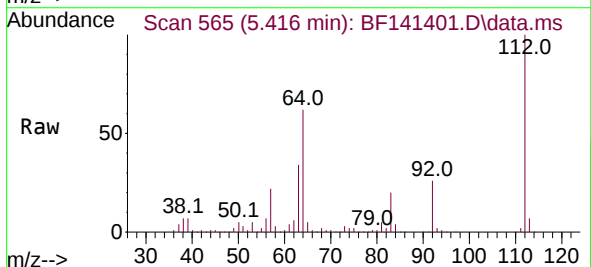
Instrument :
BNA_F
ClientSampleId :
PB166423TB

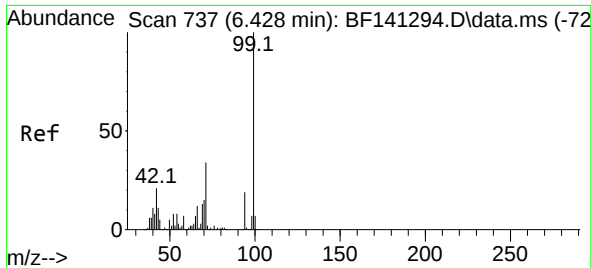
Tgt Ion:152 Resp: 79603
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 65.6 49.7 74.5



#5
2-Fluorophenol
Concen: 137.349 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion:112 Resp: 712179
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.8
63 33.8 26.1 39.1

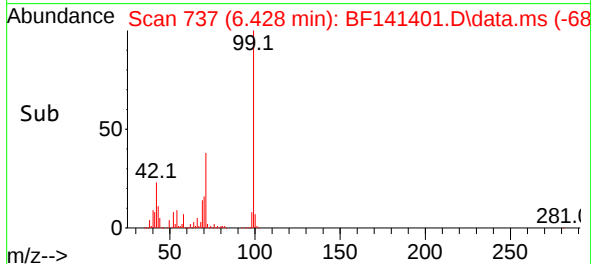
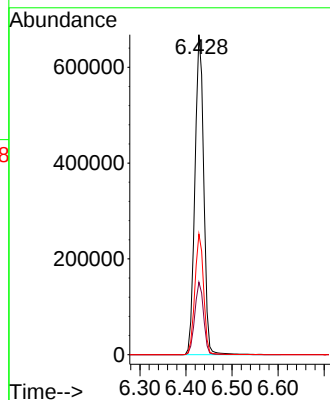
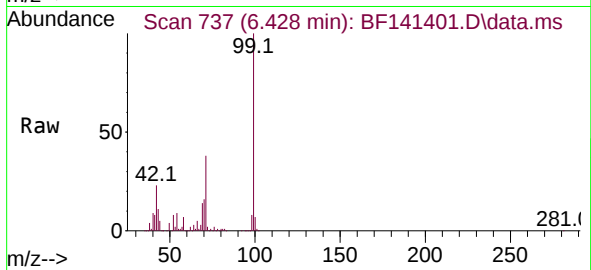




#7
Phenol-d6
Concen: 134.238 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

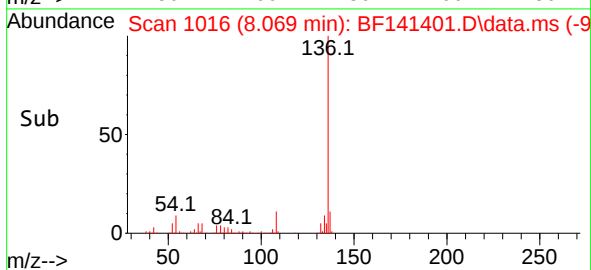
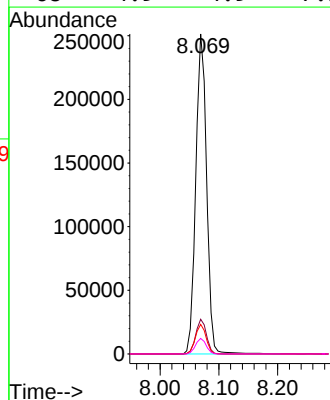
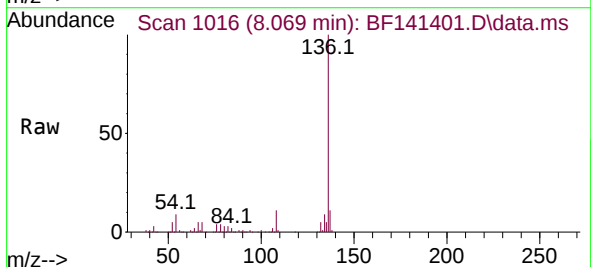
Instrument :
BNA_F
ClientSampleId :
PB166423TB

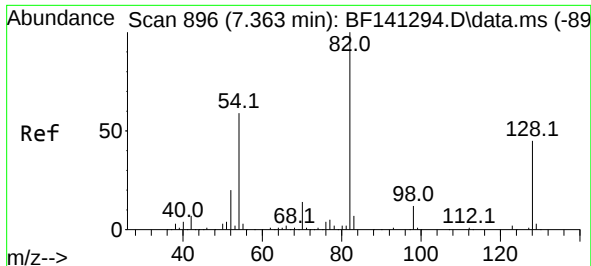
Tgt Ion: 99 Resp: 885464
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion: 136 Resp: 321231
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.8 11.8
68 4.9 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 95.601 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141401.D

Acq: 04 Feb 2025 12:02

Instrument :

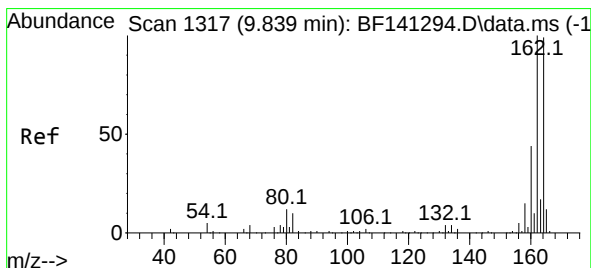
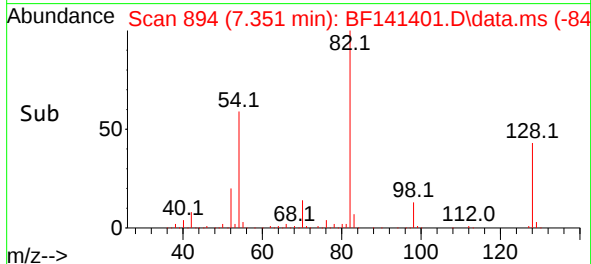
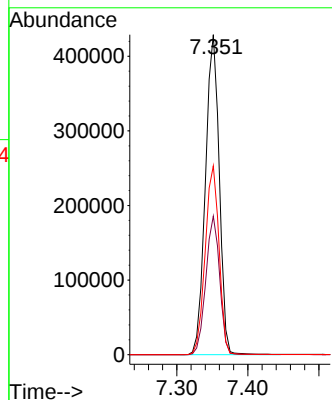
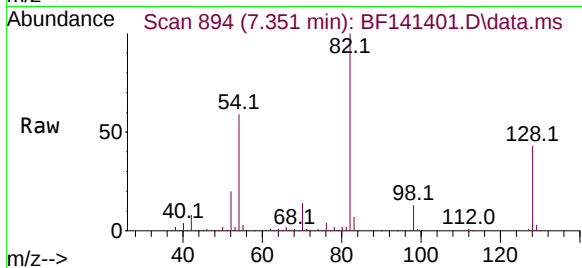
BNA_F

ClientSampleId :

PB166423TB

Tgt Ion: 82 Resp: 582552

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	59.0	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

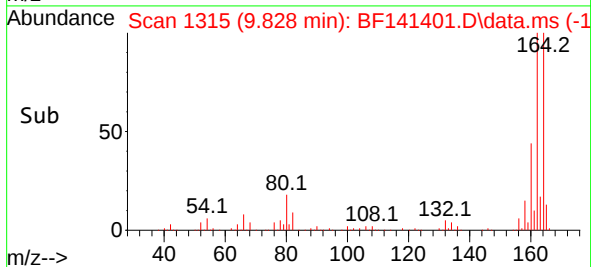
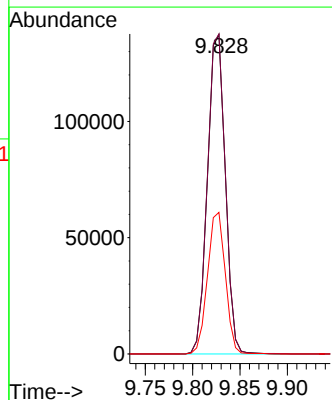
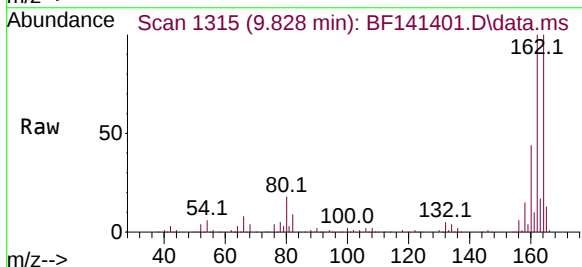
Delta R.T. -0.012 min

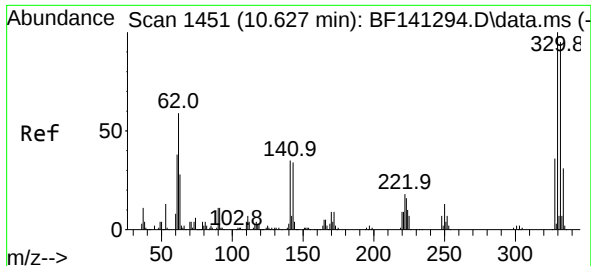
Lab File: BF141401.D

Acq: 04 Feb 2025 12:02

Tgt Ion:164 Resp: 179300

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 149.408 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141401.D

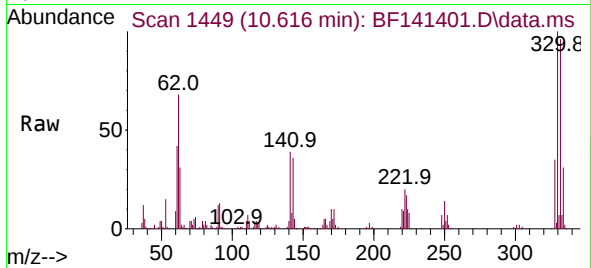
Acq: 04 Feb 2025 12:02

Instrument :

BNA_F

ClientSampleId :

PB166423TB



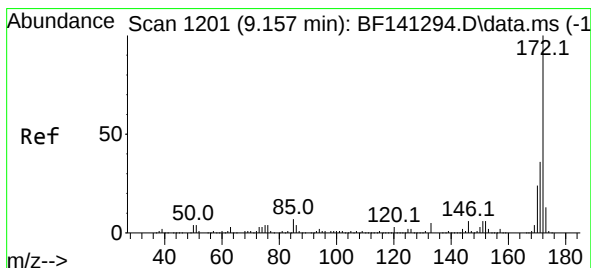
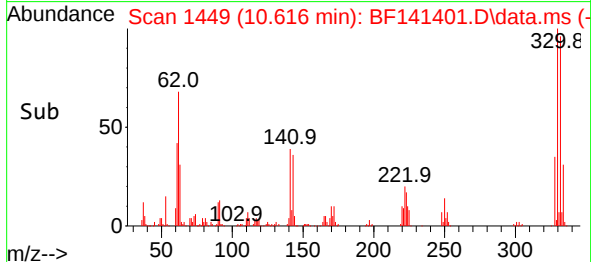
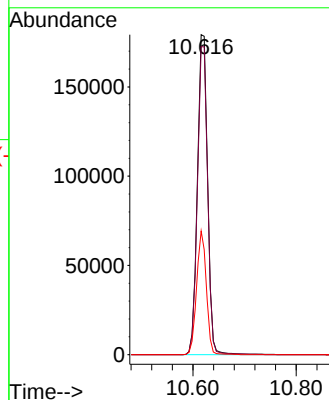
Tgt Ion:330 Resp: 245592

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

141 36.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 95.263 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141401.D

Acq: 04 Feb 2025 12:02

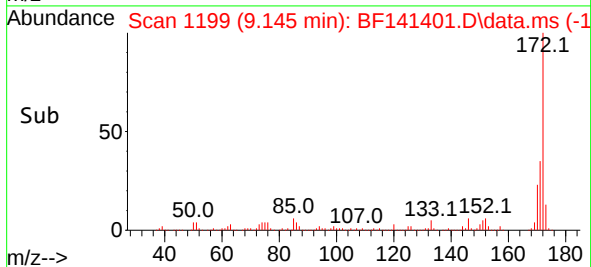
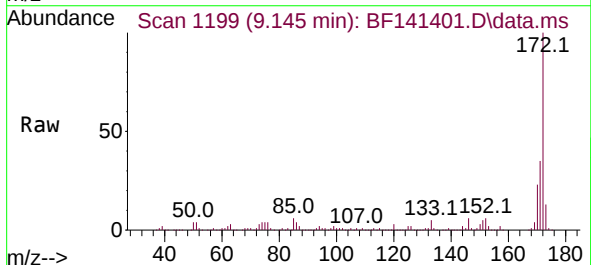
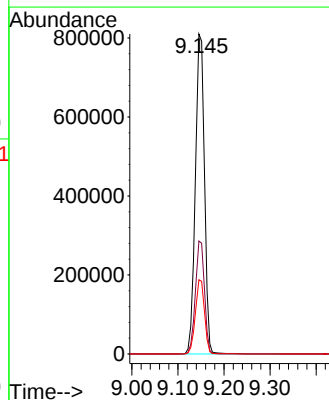
Tgt Ion:172 Resp: 1109712

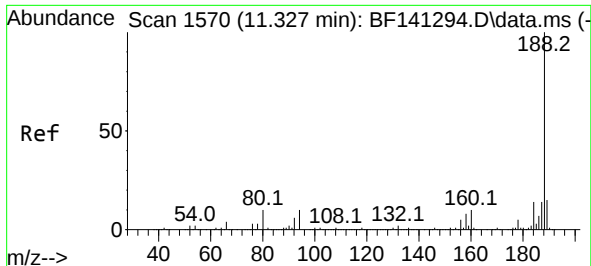
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.2 19.0 28.6

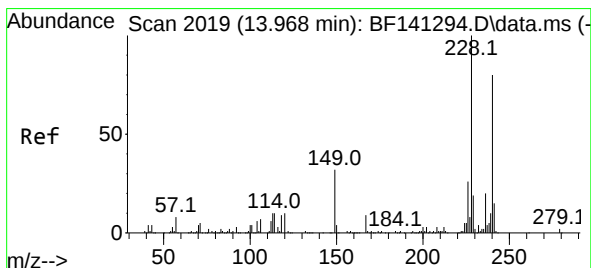
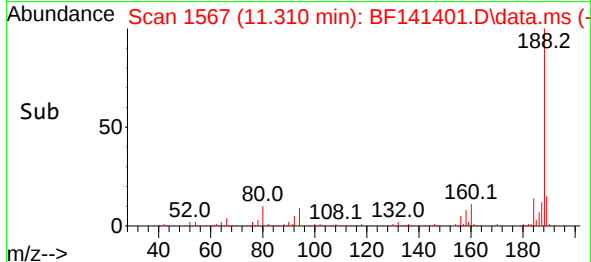
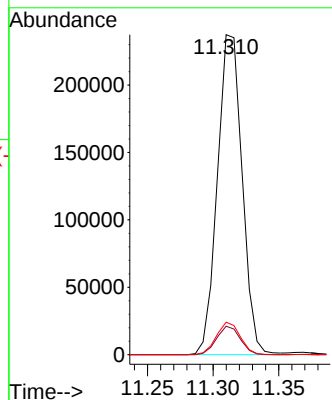
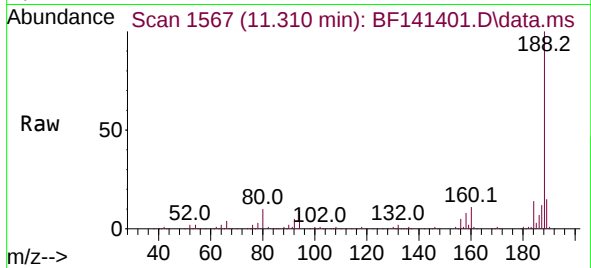




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

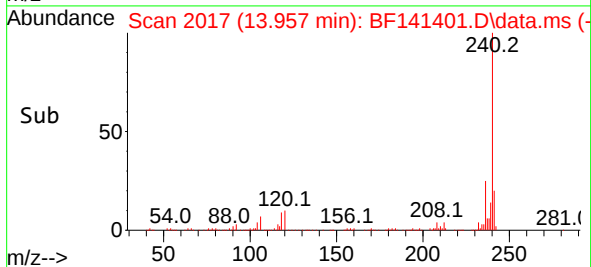
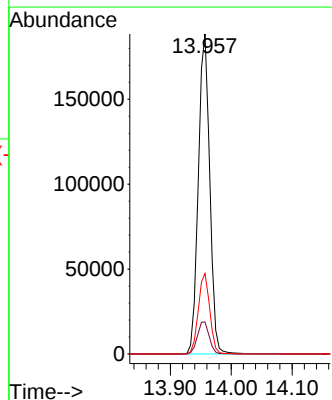
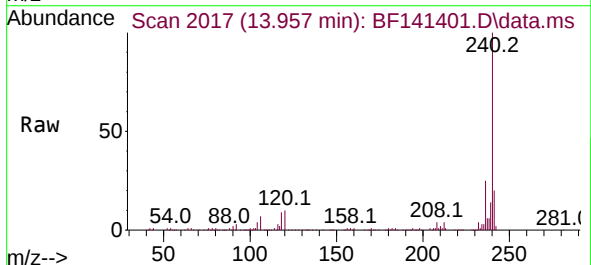
Instrument :
BNA_F
ClientSampleId :
PB166423TB

Tgt Ion:188 Resp: 311828
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 10.2 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: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion:240 Resp: 245488
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.1 19.7 29.5

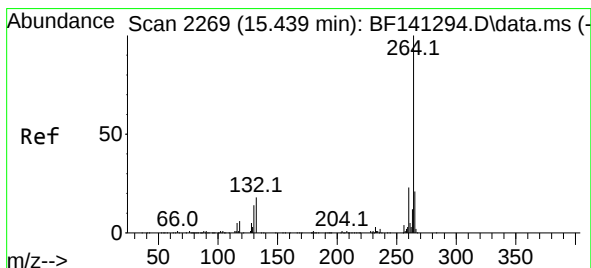
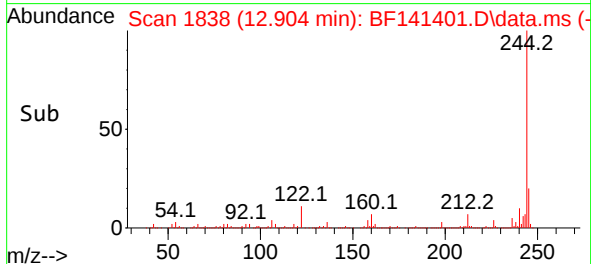
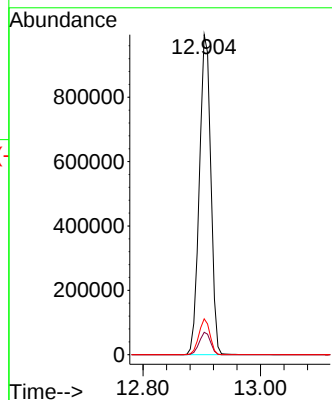
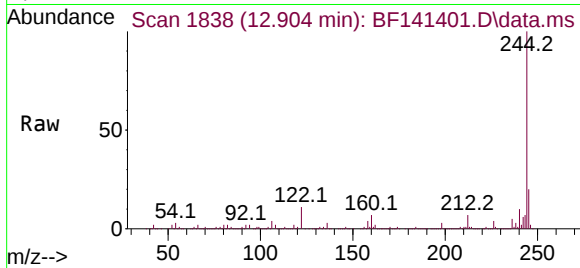




#79
 Terphenyl-d14
 Concen: 84.386 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141401.D
 Acq: 04 Feb 2025 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB166423TB

Tgt Ion:244 Resp: 1343273
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141401.D
 Acq: 04 Feb 2025 12:02

Tgt Ion:264 Resp: 193327
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 21.4 16.7 25.1

