

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141675.D
 Acq On : 19 Feb 2025 15:16
 Operator : RC/JU
 Sample : Q1382-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-02-021725

Quant Time: Feb 19 15:38:12 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	91933	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	370450	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	198085	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	340993	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	211148	20.000	ng	-0.02
86) Perylene-d12	15.380	264	158885	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	572239	97.585	ng	0.00
7) Phenol-d6	6.422	99	704753	95.087	ng	-0.02
23) Nitrobenzene-d5	7.345	82	455840	64.181	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	185829	93.388	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	812023	63.157	ng	-0.02
79) Terphenyl-d14	12.880	244	915967	73.233	ng	-0.02

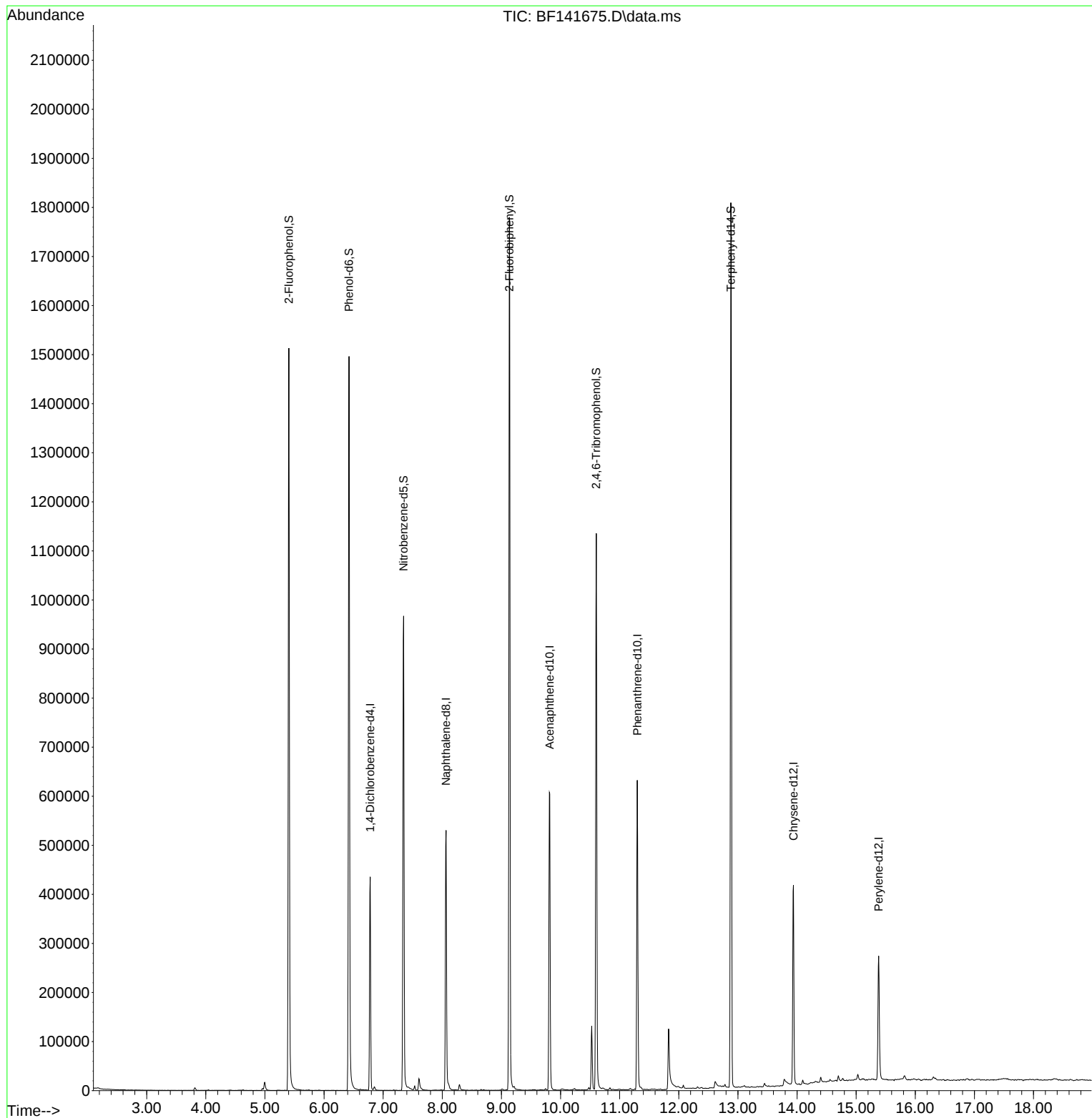
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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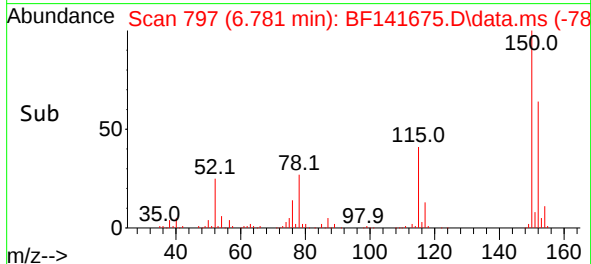
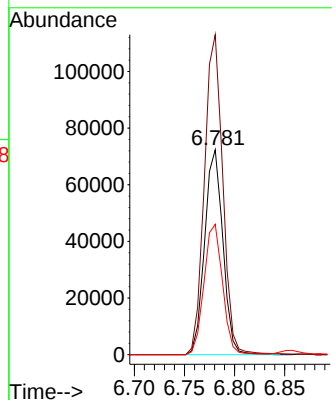
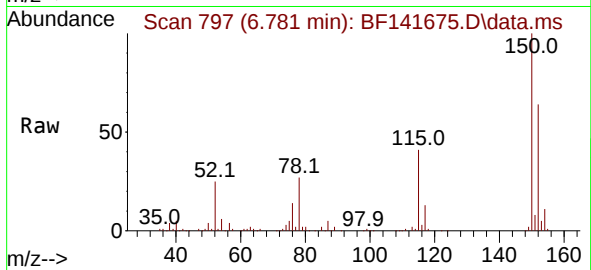




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141675.D
 Acq: 19 Feb 2025 15:16

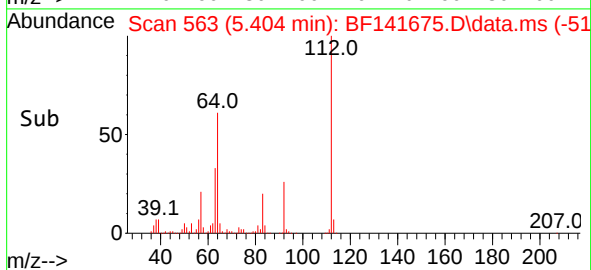
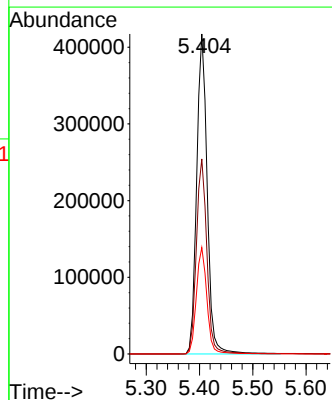
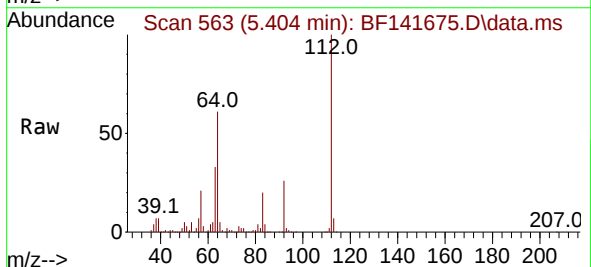
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-02-021725

Tgt Ion:152 Resp: 91933
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.0 187.4
 115 63.7 53.6 80.4



#5
 2-Fluorophenol
 Concen: 97.585 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141675.D
 Acq: 19 Feb 2025 15:16

Tgt Ion:112 Resp: 572239
 Ion Ratio Lower Upper
 112 100
 64 61.0 51.1 76.7
 63 33.2 28.4 42.6

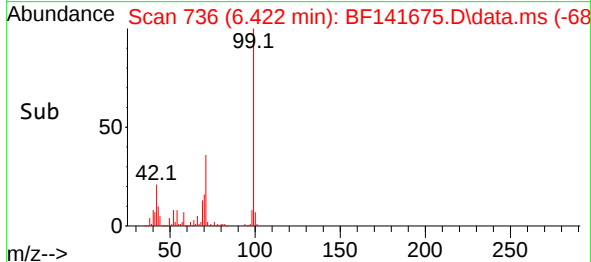
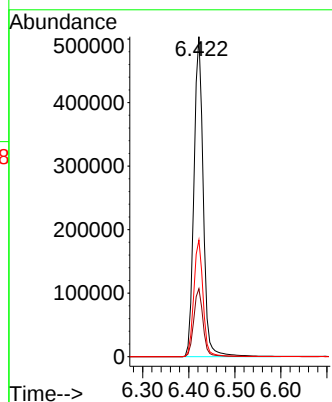
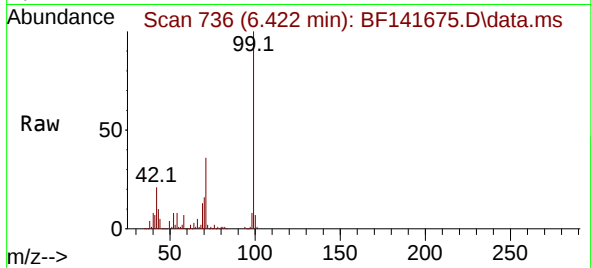




#7
Phenol-d6
Concen: 95.087 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141675.D
Acq: 19 Feb 2025 15:16

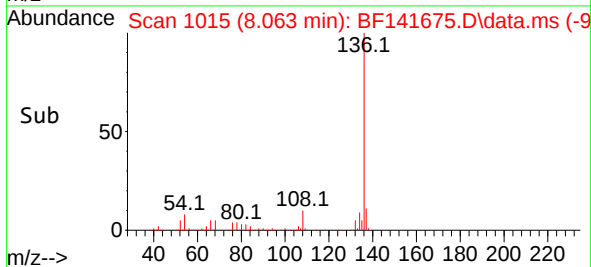
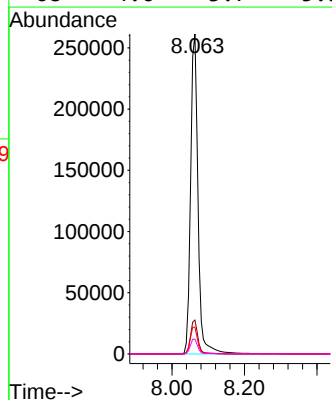
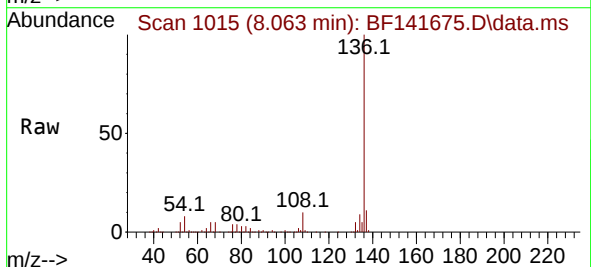
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-02-021725

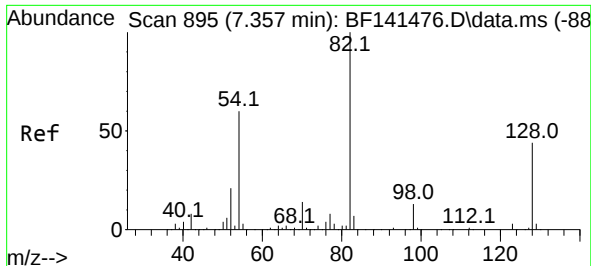
Tgt Ion: 99 Resp: 704753
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 36.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141675.D
Acq: 19 Feb 2025 15:16

Tgt Ion: 136 Resp: 370450
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 64.181 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141675.D

Acq: 19 Feb 2025 15:16

Instrument :

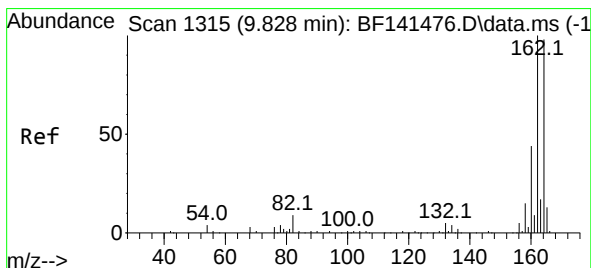
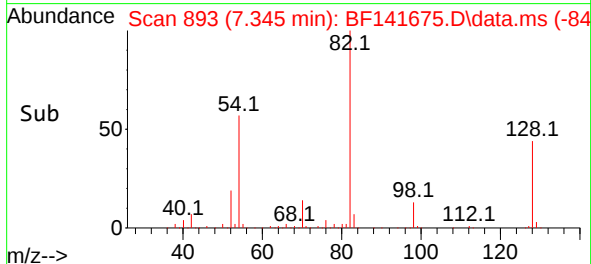
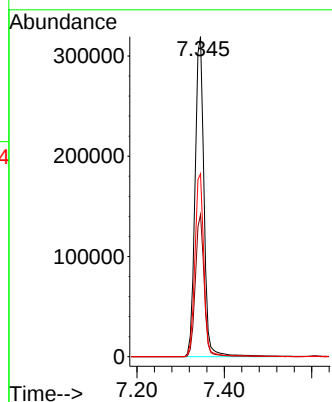
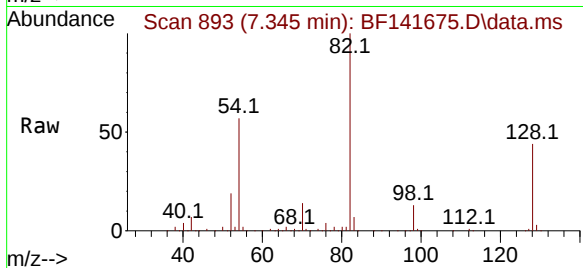
BNA_F

ClientSampleId :

OU4-PCS-TC-02-021725

Tgt Ion: 82 Resp: 455840

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.8	52.2
54	57.2	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

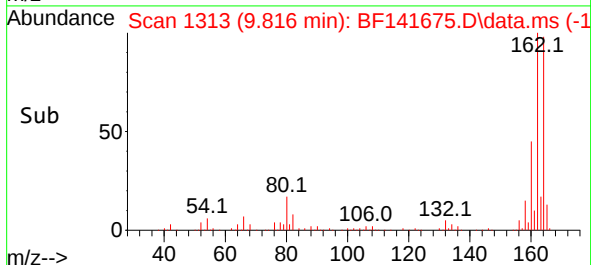
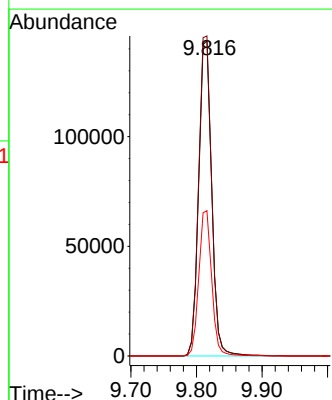
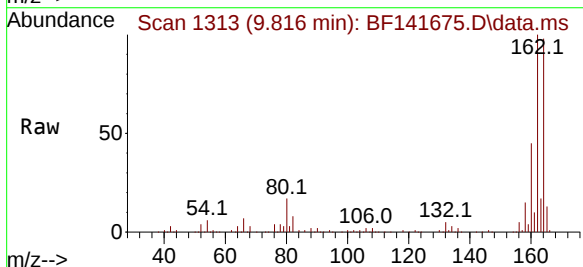
Delta R.T. -0.017 min

Lab File: BF141675.D

Acq: 19 Feb 2025 15:16

Tgt Ion:164 Resp: 198085

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	46.1	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 93.388 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141675.D

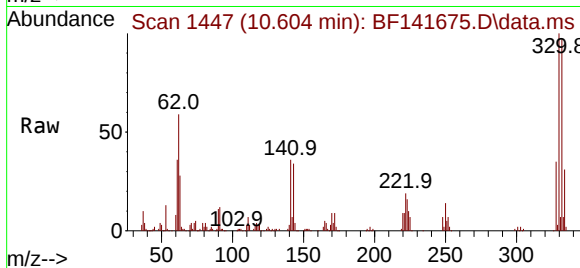
Acq: 19 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-02-021725



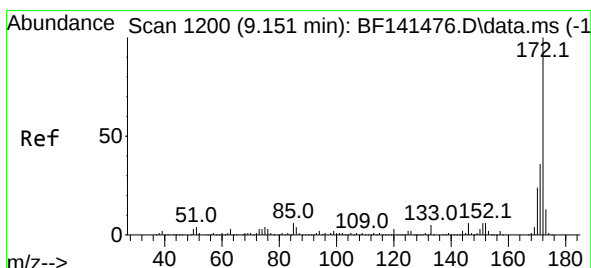
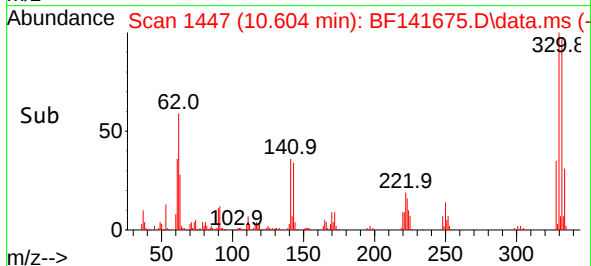
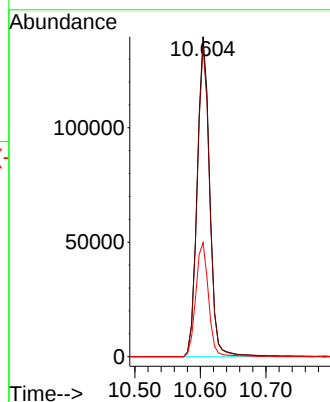
Tgt Ion:330 Resp: 185829

Ion Ratio Lower Upper

330 100

332 97.5 78.5 117.7

141 36.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 63.157 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141675.D

Acq: 19 Feb 2025 15:16

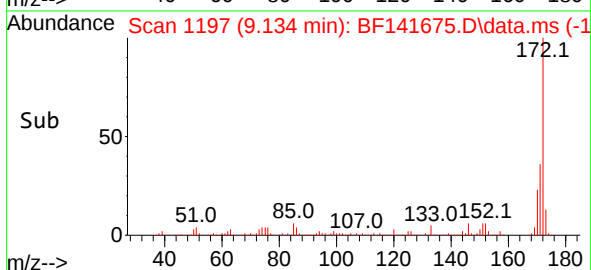
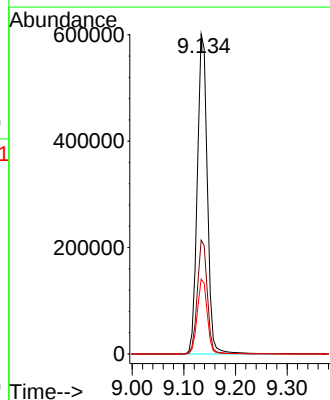
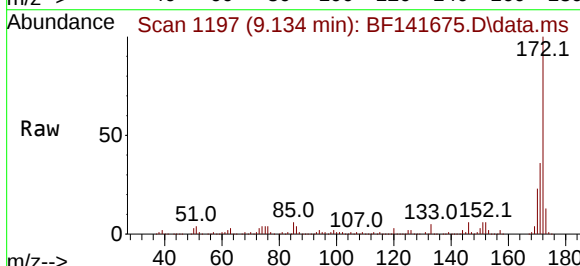
Tgt Ion:172 Resp: 812023

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141675.D

Acq: 19 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-02-021725

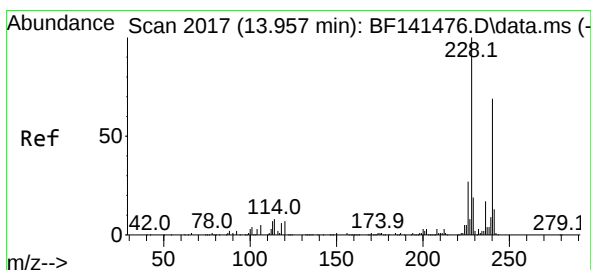
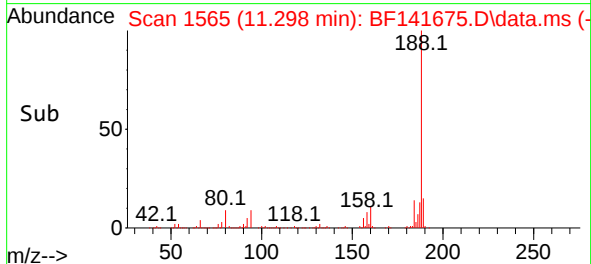
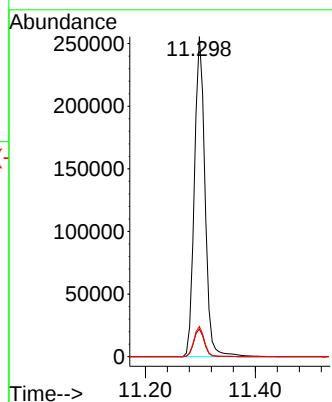
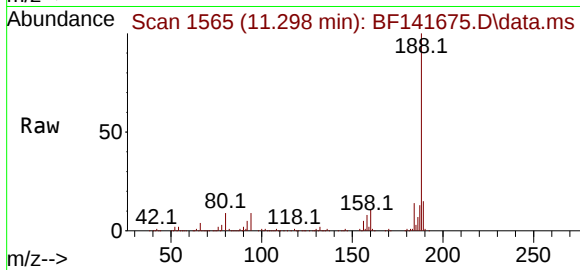
Tgt Ion:188 Resp: 340993

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.5 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: BF141675.D

Acq: 19 Feb 2025 15:16

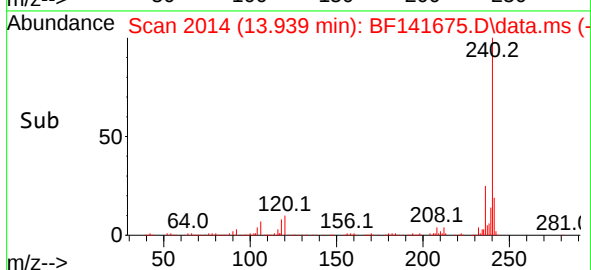
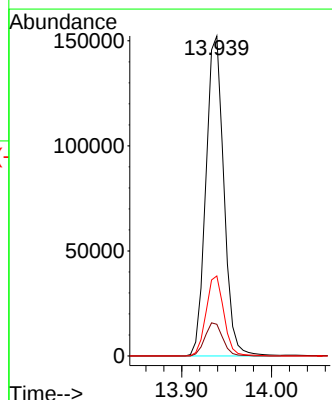
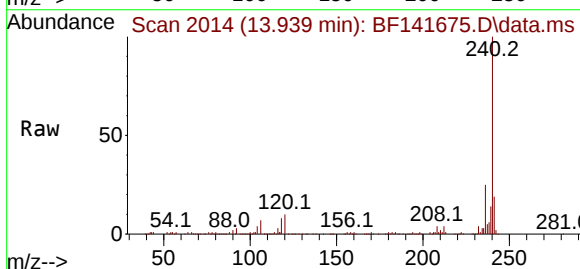
Tgt Ion:240 Resp: 211148

Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

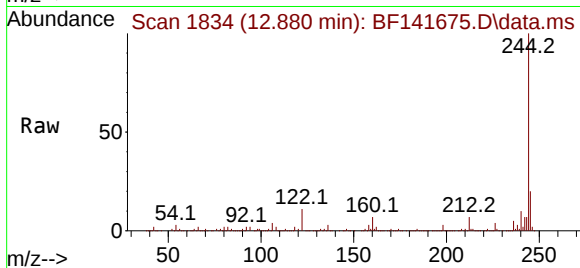
236 25.0 19.8 29.8



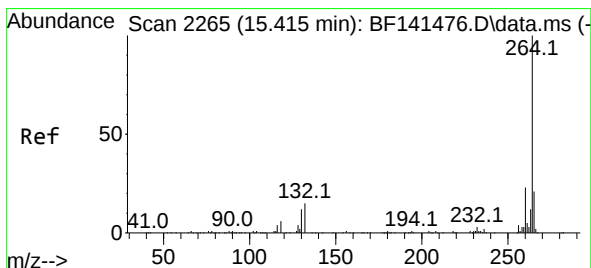
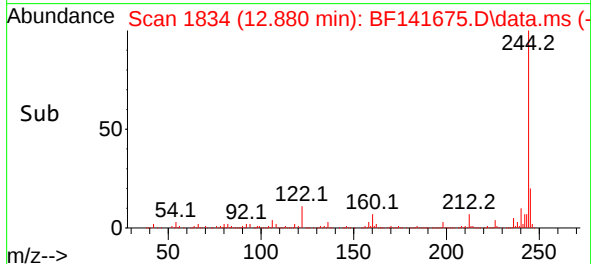
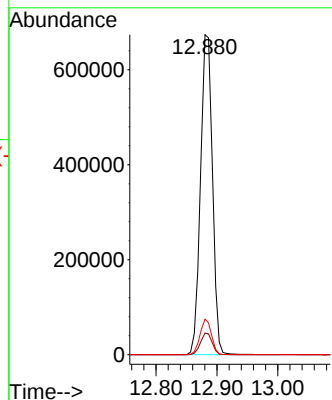


#79
 Terphenyl-d14
 Concen: 73.233 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141675.D
 Acq: 19 Feb 2025 15:16

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-02-021725



Tgt Ion:244 Resp: 915967
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141675.D
 Acq: 19 Feb 2025 15:16

Tgt Ion:264 Resp: 158885
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.3 17.0 25.4

