

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141497.D
 Acq On : 07 Feb 2025 10:21
 Operator : RC/JU
 Sample : PB166588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166588BL

Quant Time: Feb 07 11:03:15 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	6.786	152	90288	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361625	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203724	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	372488	20.000	ng	0.00
76) Chrysene-d12	13.957	240	311336	20.000	ng	0.00
86) Perylene-d12	15.415	264	280589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	755388	131.164	ng	0.00
7) Phenol-d6	6.428	99	941669	129.367	ng	-0.01
23) Nitrobenzene-d5	7.351	82	630090	90.880	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	276066	134.897	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1197010	90.523	ng	0.00
79) Terphenyl-d14	12.904	244	1497254	81.186	ng	0.00

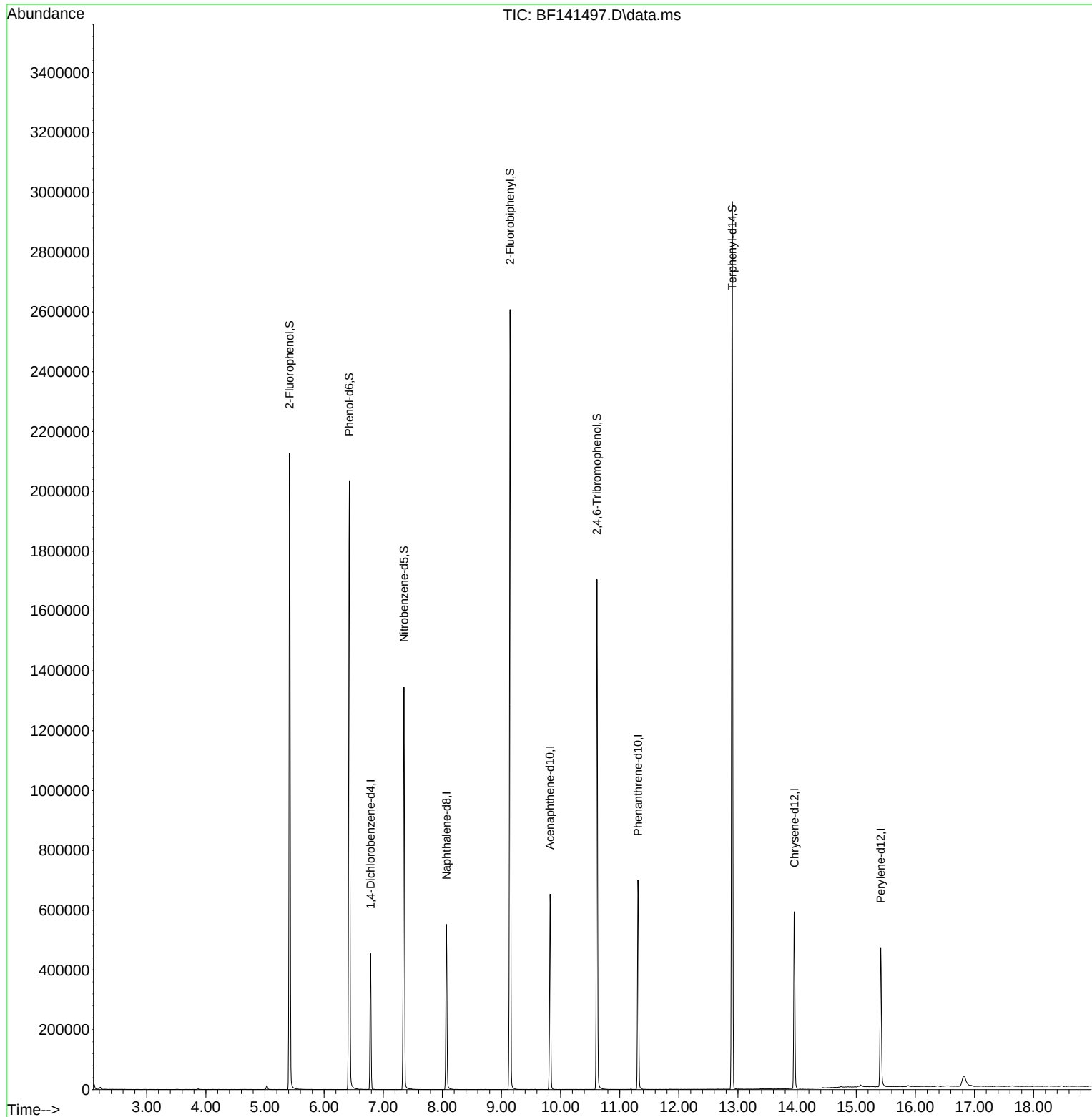
Target Compounds	Qvalue

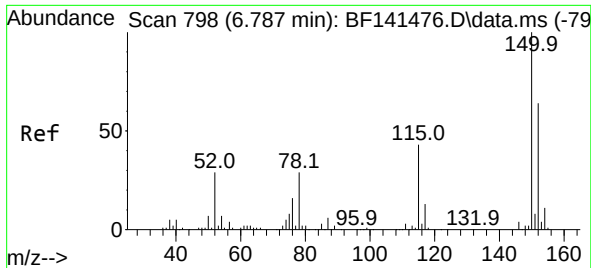
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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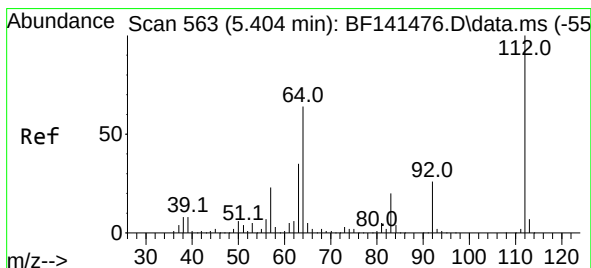
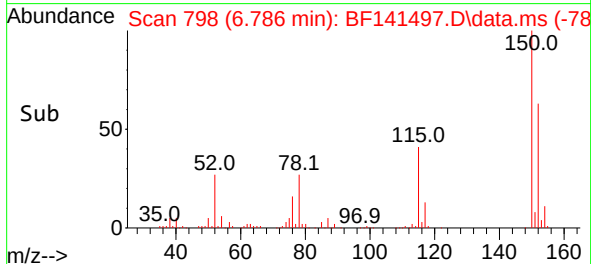
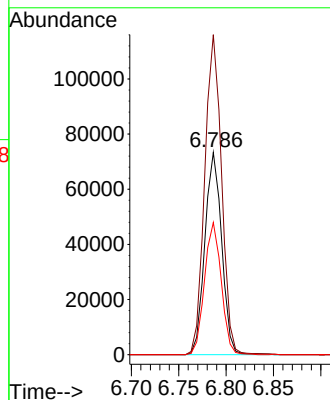
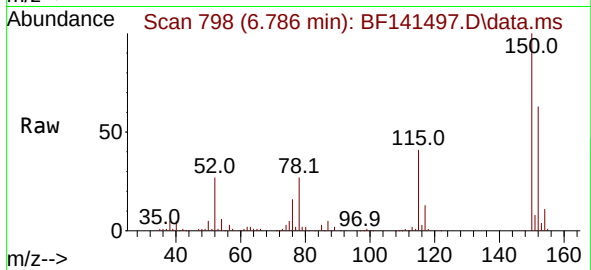




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

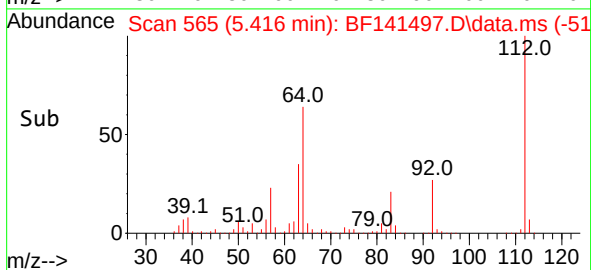
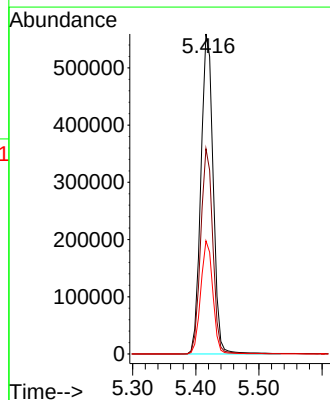
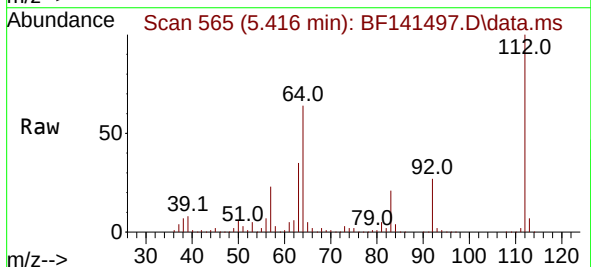
Instrument :
BNA_F
ClientSampleId :
PB166588BL

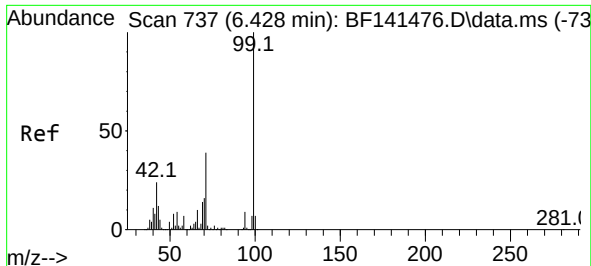
Tgt Ion:152 Resp: 90288
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.4
115 65.3 53.6 80.4



#5
2-Fluorophenol
Concen: 131.164 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:112 Resp: 755388
Ion Ratio Lower Upper
112 100
64 64.2 51.1 76.7
63 35.3 28.4 42.6

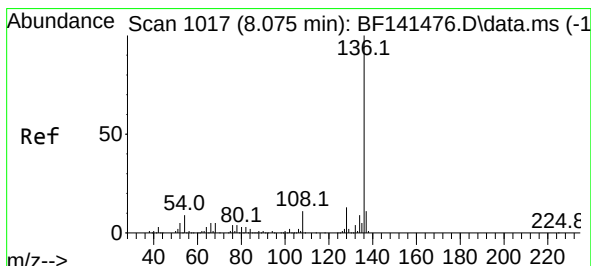
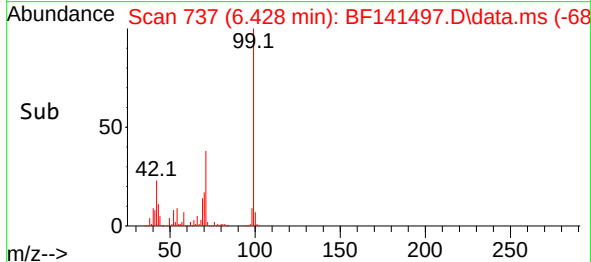
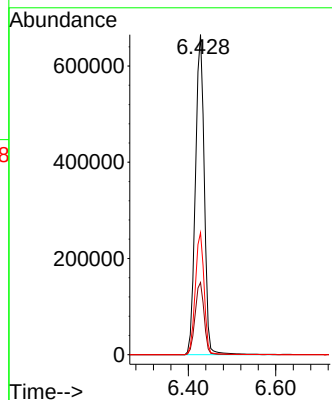
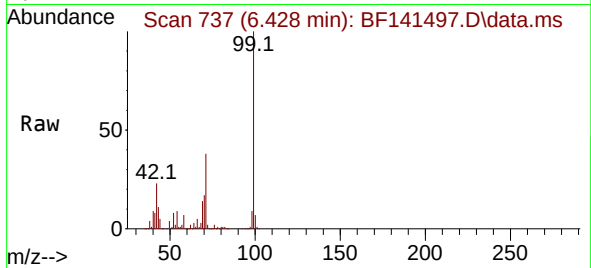




#7
Phenol-d6
Concen: 129.367 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

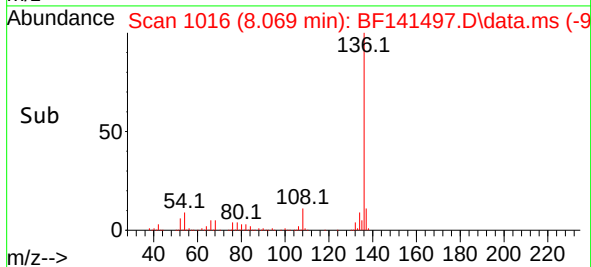
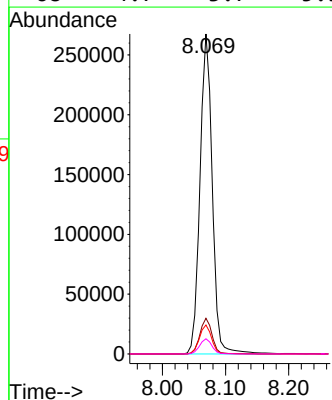
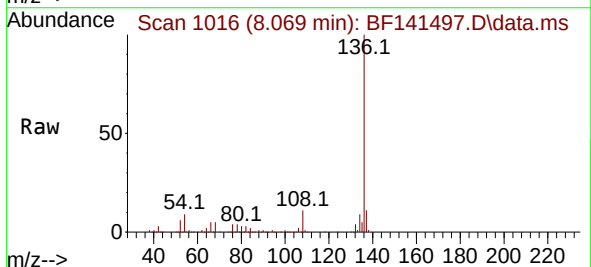
Instrument :
BNA_F
ClientSampleId :
PB166588BL

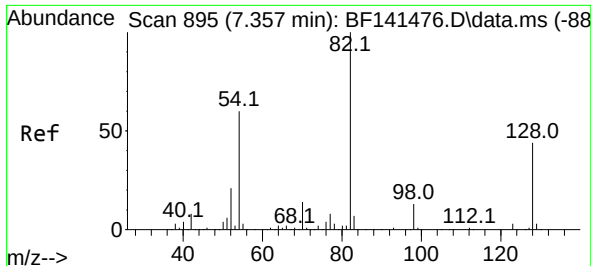
Tgt Ion: 99 Resp: 941669
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 38.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion: 136 Resp: 361625
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.2 10.8
68 4.7 3.7 5.5

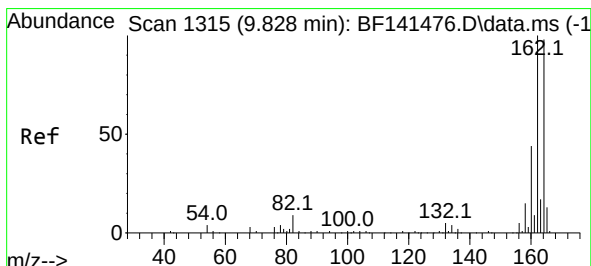
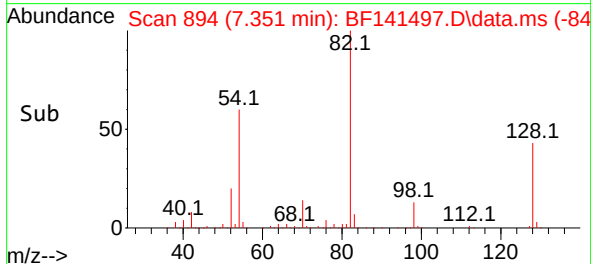
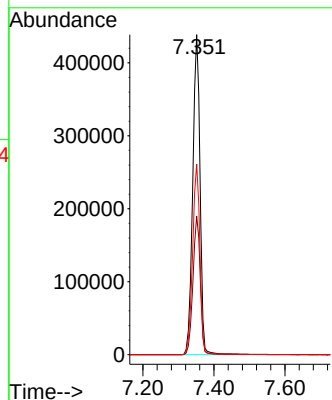
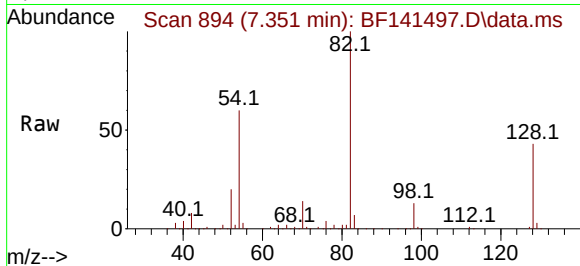




#23
Nitrobenzene-d5
Concen: 90.880 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

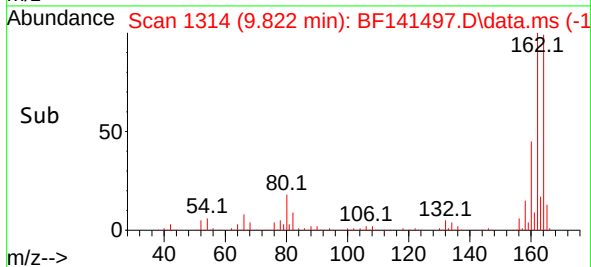
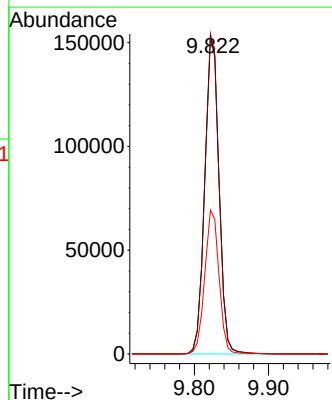
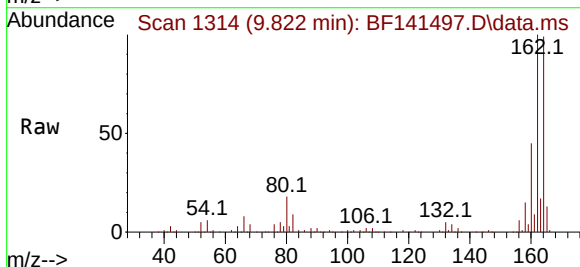
Instrument :
BNA_F
ClientSampleId :
PB166588BL

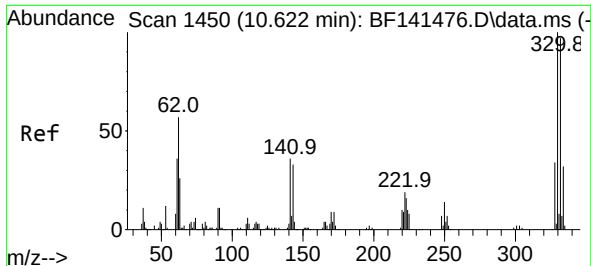
Tgt Ion: 82 Resp: 630090
Ion Ratio Lower Upper
82 100
128 43.4 34.8 52.2
54 59.6 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141497.D
Acq: 07 Feb 2025 10:21

Tgt Ion:164 Resp: 203724
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 134.897 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141497.D

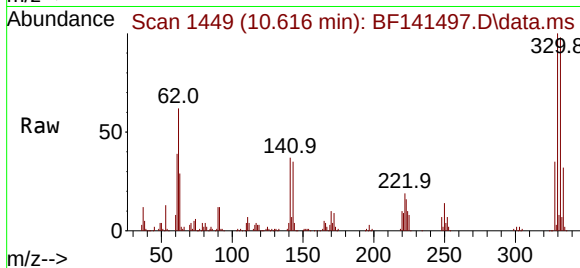
Acq: 07 Feb 2025 10:21

Instrument :

BNA_F

ClientSampleId :

PB166588BL



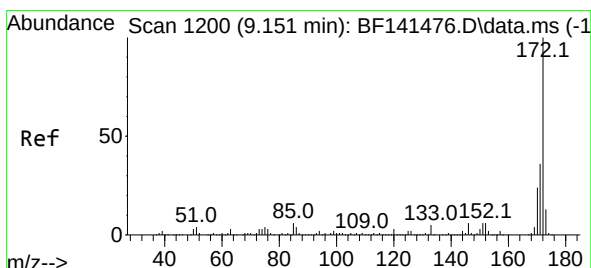
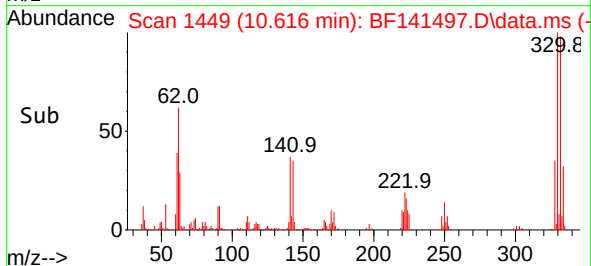
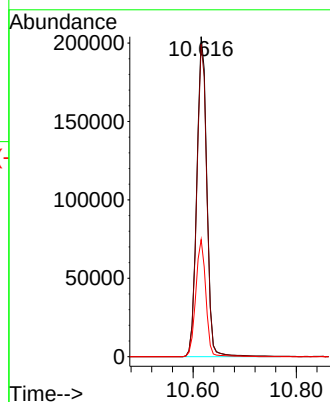
Tgt Ion:330 Resp: 276066

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 36.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 90.523 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141497.D

Acq: 07 Feb 2025 10:21

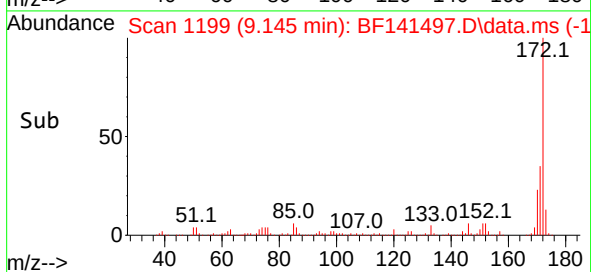
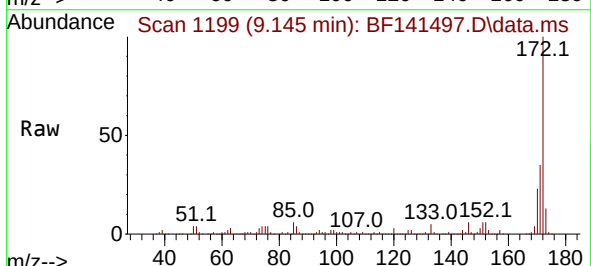
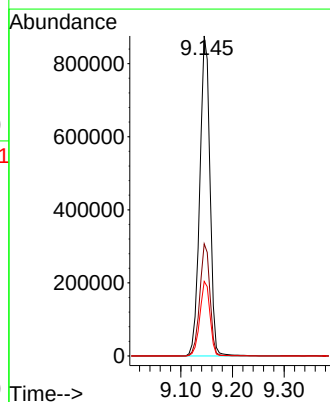
Tgt Ion:172 Resp: 1197010

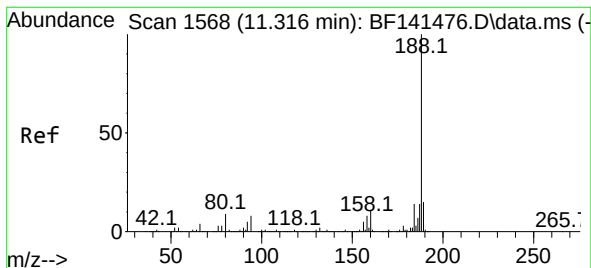
Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141497.D

Acq: 07 Feb 2025 10:21

Instrument :

BNA_F

ClientSampleId :

PB166588BL

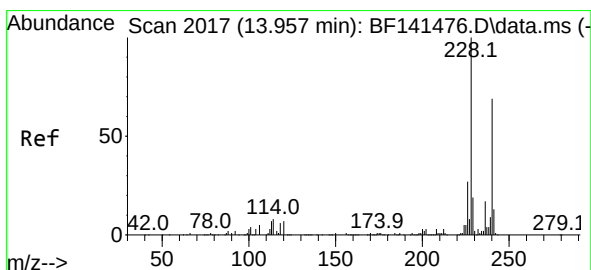
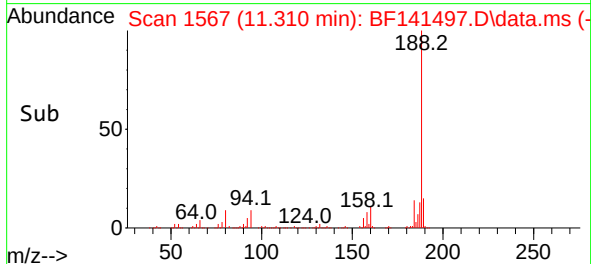
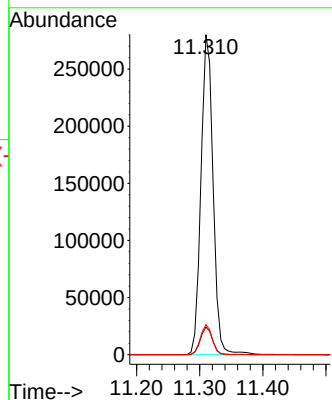
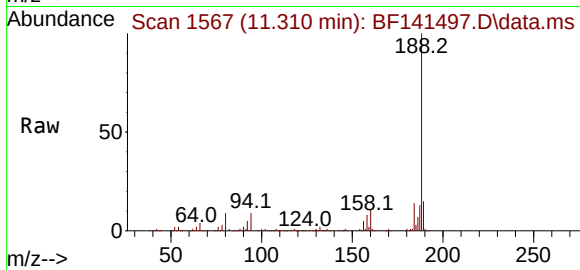
Tgt Ion:188 Resp: 372488

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141497.D

Acq: 07 Feb 2025 10:21

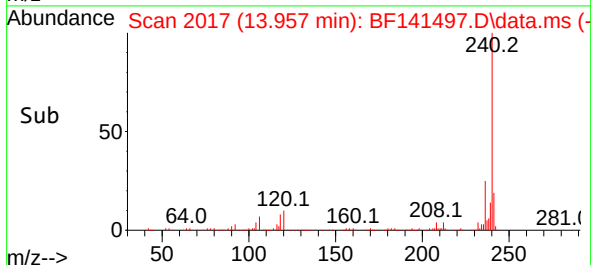
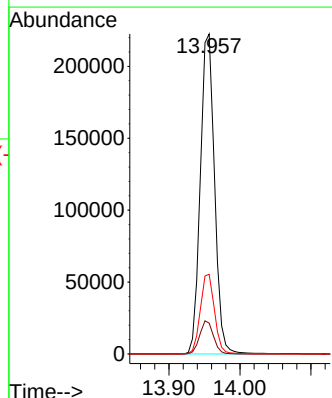
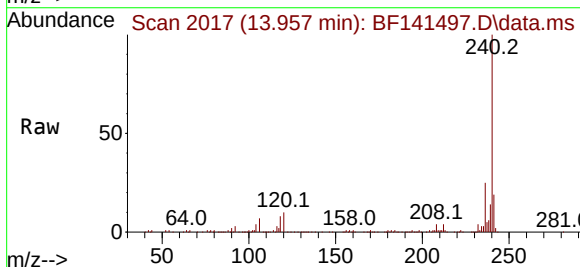
Tgt Ion:240 Resp: 311336

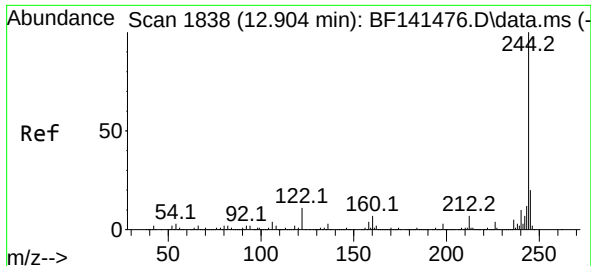
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

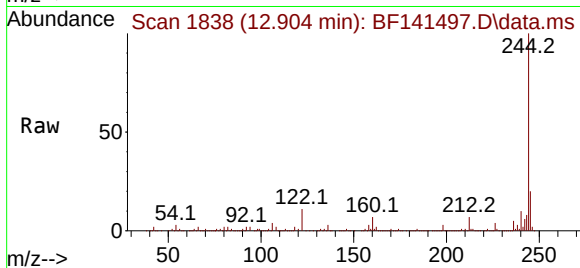
236 24.9 19.8 29.8



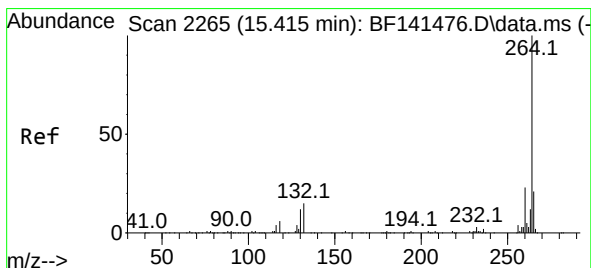
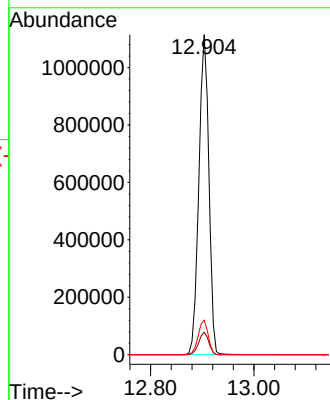
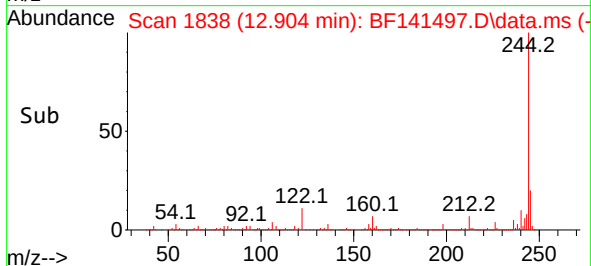


#79
 Terphenyl-d14
 Concen: 81.186 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141497.D
 Acq: 07 Feb 2025 10:21

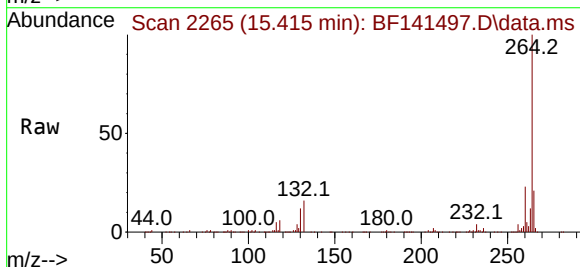
Instrument :
 BNA_F
 ClientSampleId :
 PB166588BL



Tgt Ion:244 Resp: 1497254
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF141497.D
 Acq: 07 Feb 2025 10:21



Tgt Ion:264 Resp: 280589
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.0 25.4

