

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141624.D
 Acq On : 13 Feb 2025 19:27
 Operator : RC/JU
 Sample : Q1365-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Feb 14 00:38:06 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)

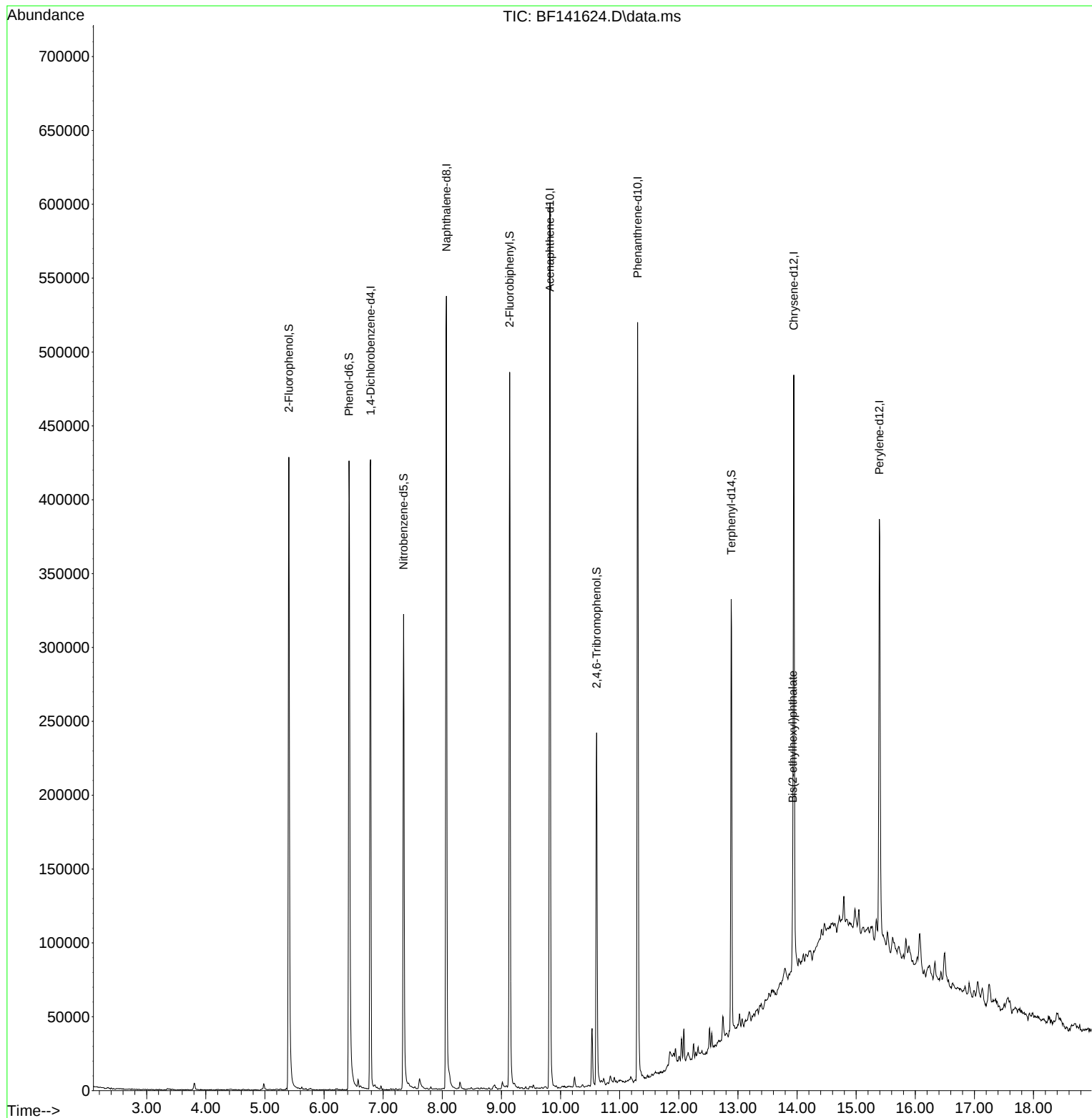
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	93327	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	371711	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	190424	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	276378	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	192665	20.000	ng	-0.02
86) Perylene-d12	15.392	264	171010	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	176813	29.702	ng	0.00
7) Phenol-d6	6.422	99	228120	30.319	ng	-0.02
23) Nitrobenzene-d5	7.345	82	148926	20.897	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	40978	21.422	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	222967	18.039	ng	-0.01
79) Terphenyl-d14	12.886	244	143931	12.612	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.927	149	15318	2.391	ng	Qvalue 100

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

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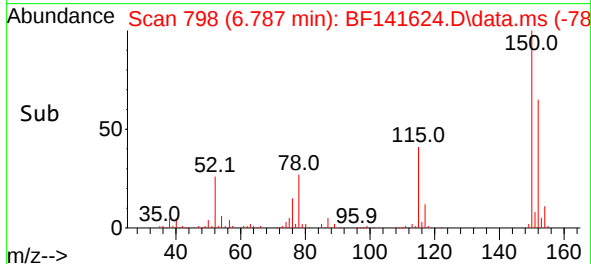
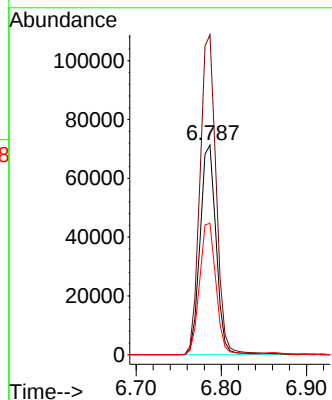
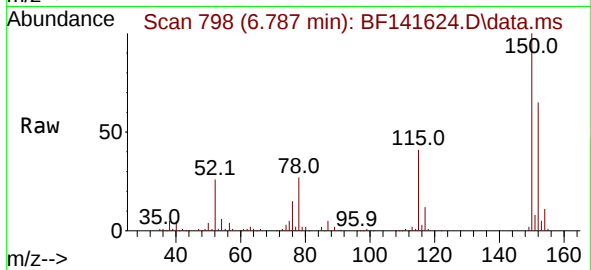




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

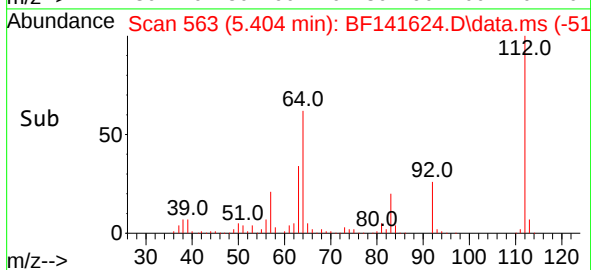
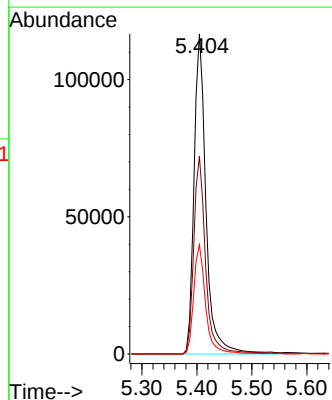
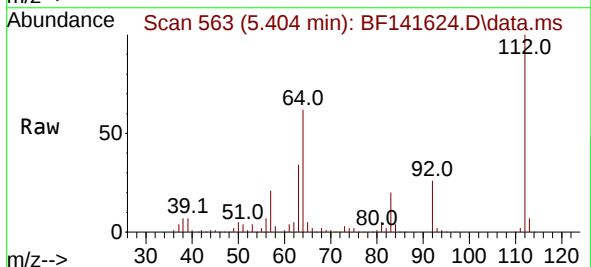
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:152 Resp: 93327
Ion Ratio Lower Upper
152 100
150 152.7 125.0 187.4
115 62.7 53.6 80.4



#5
2-Fluorophenol
Concen: 29.702 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:112 Resp: 176813
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 34.1 28.4 42.6





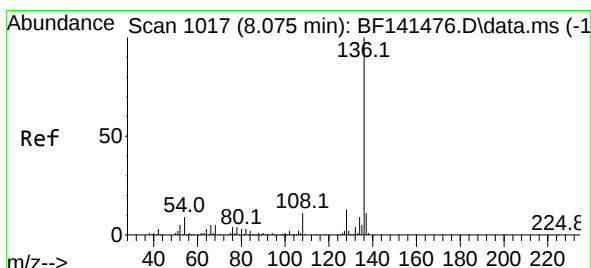
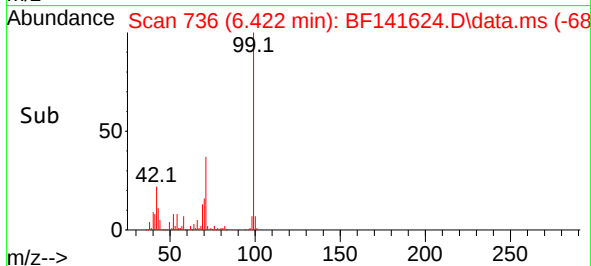
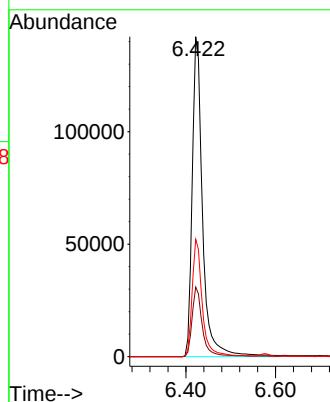
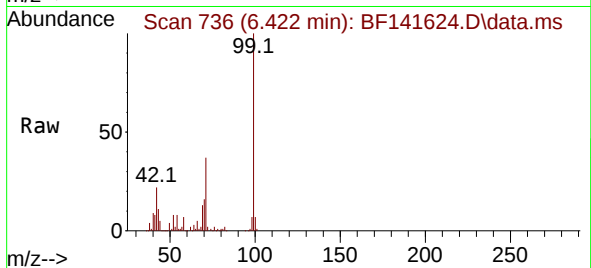
#7
Phenol-d6
Concen: 30.319 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Instrument :

BNA_F

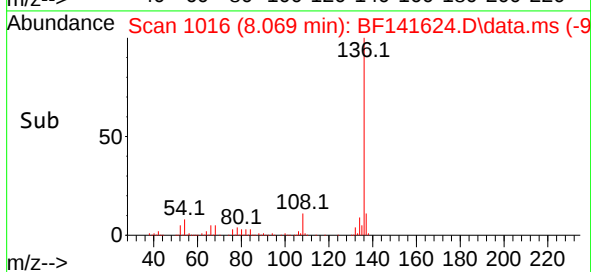
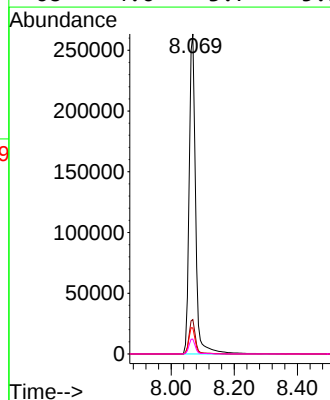
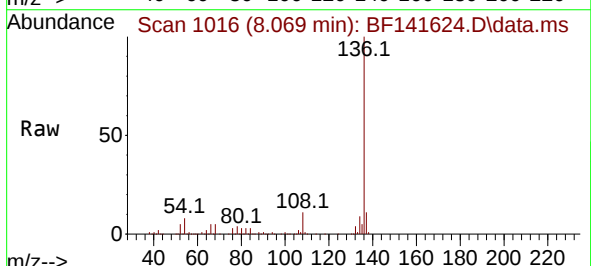
ClientSampleId :
72-11995

Tgt Ion: 99 Resp: 228120
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 36.7 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: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion: 136 Resp: 371711
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.2 10.8
68 4.6 3.7 5.5

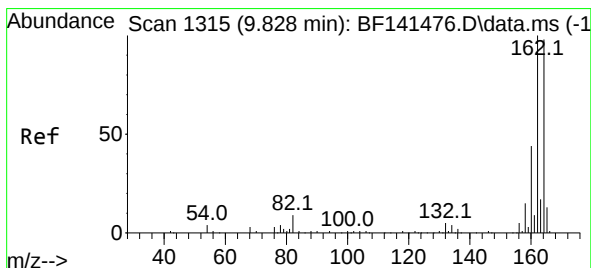
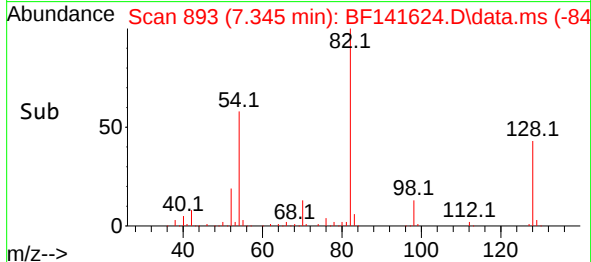
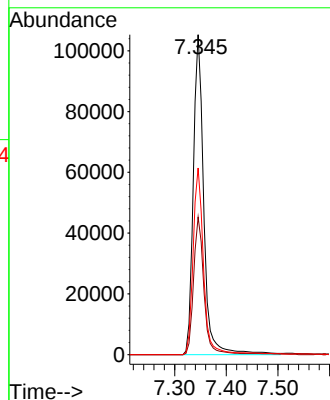
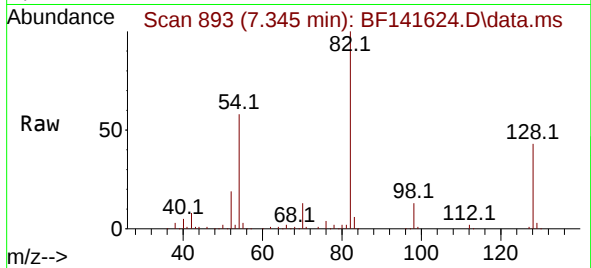




#23
Nitrobenzene-d5
Concen: 20.897 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

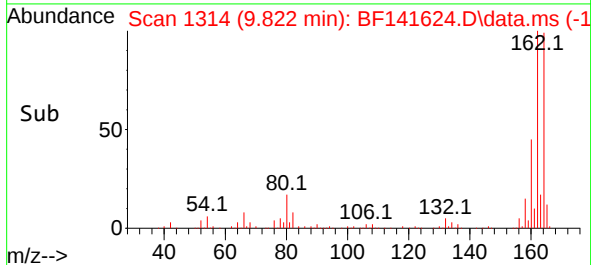
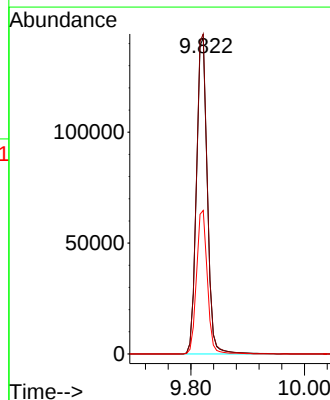
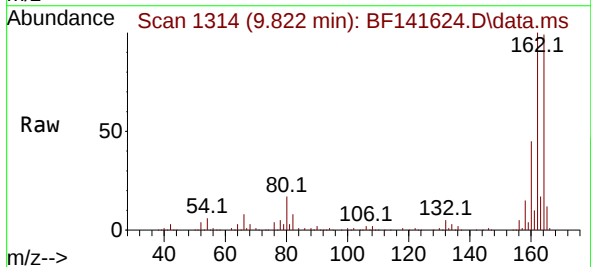
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion: 82 Resp: 148926
Ion Ratio Lower Upper
82 100
128 43.0 34.8 52.2
54 58.4 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: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:164 Resp: 190424
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.4 35.9 53.9

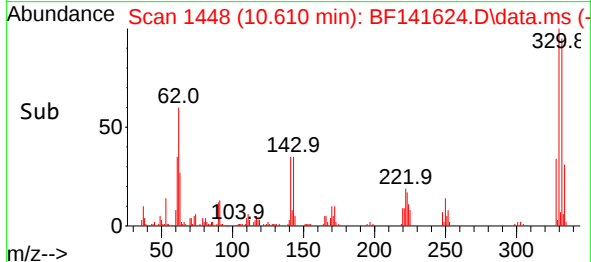
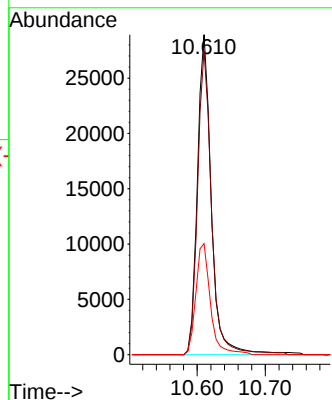
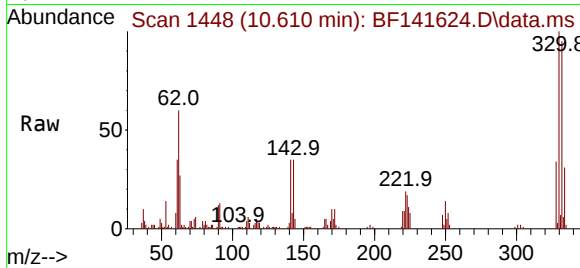




#42
2,4,6-Tribromophenol
Concen: 21.422 ng
RT: 10.610 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

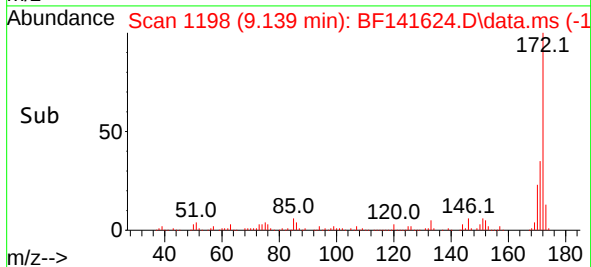
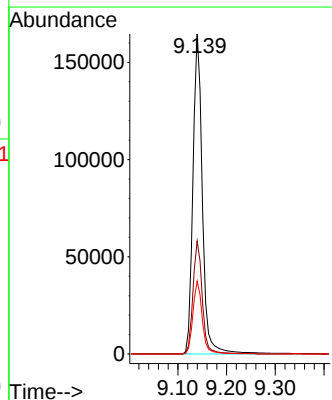
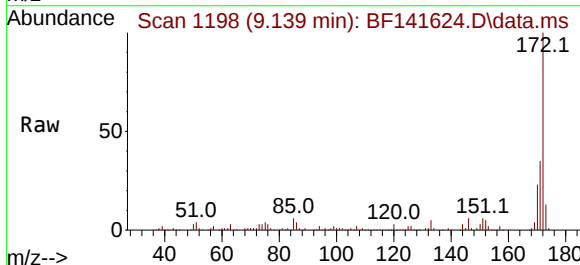
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:330 Resp: 40978
Ion Ratio Lower Upper
330 100
332 94.9 78.5 117.7
141 36.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 18.039 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:172 Resp: 222967
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 22.7 18.9 28.3

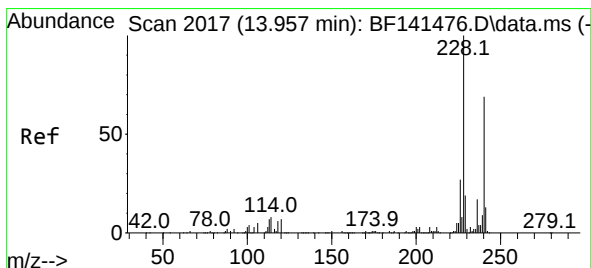
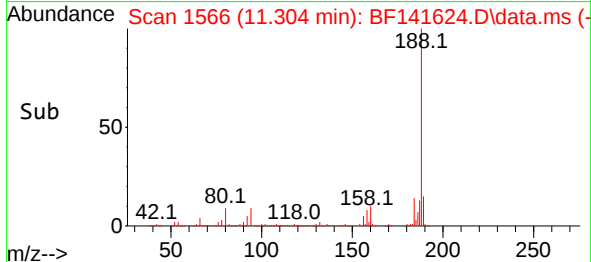
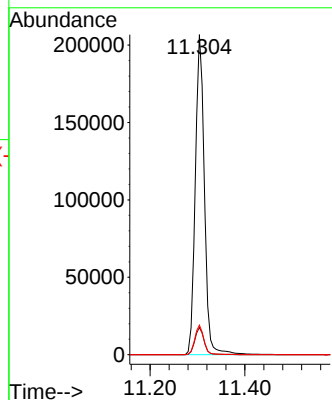
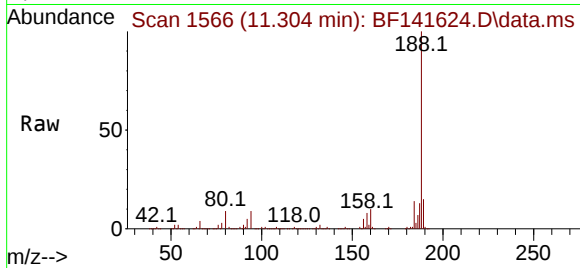




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

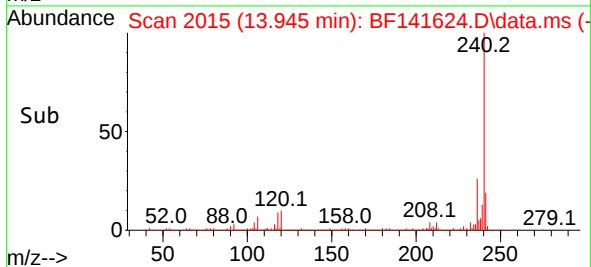
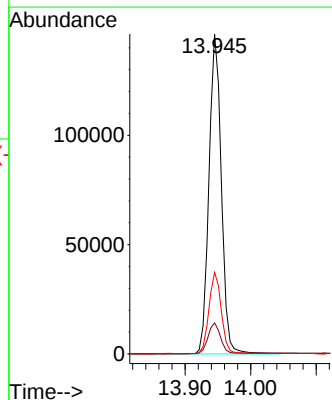
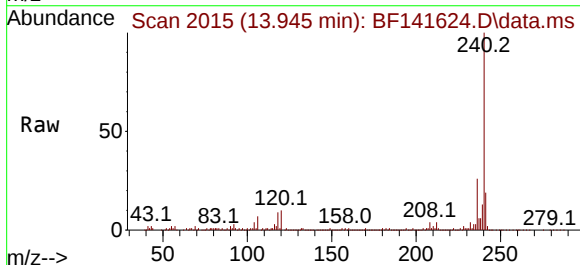
Instrument :
BNA_F
ClientSampleId :
72-11995

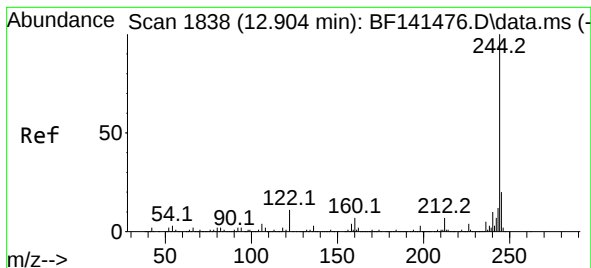
Tgt Ion:188 Resp: 276378
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:240 Resp: 192665
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 12.612 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

Instrument :

BNA_F

ClientSampleId :

72-11995

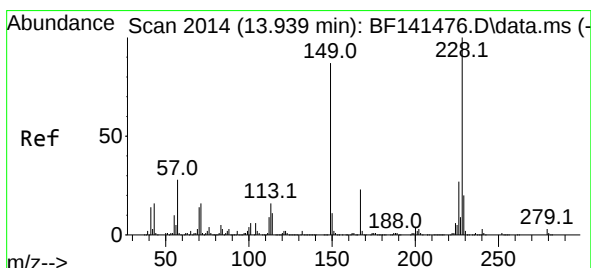
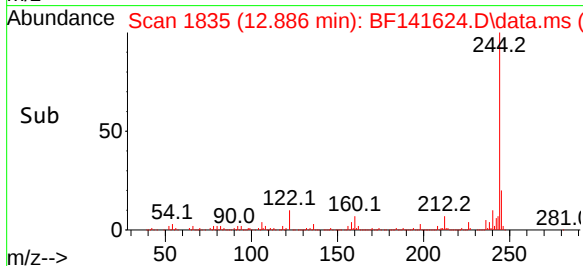
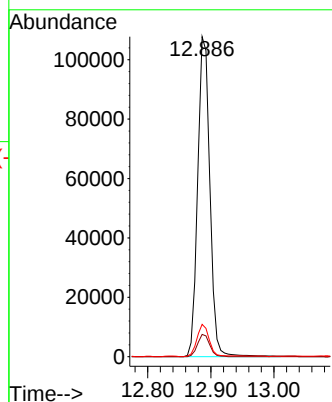
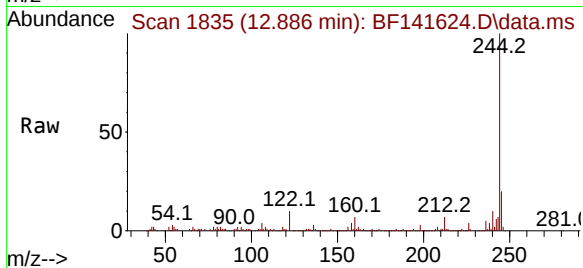
Tgt Ion:244 Resp: 143931

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.1 8.4 12.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.391 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

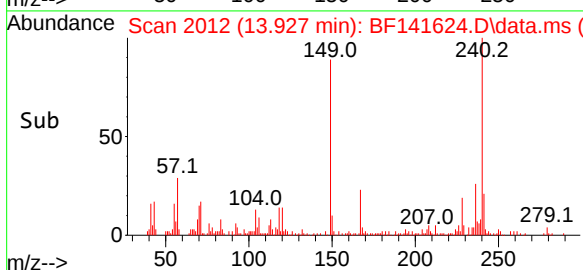
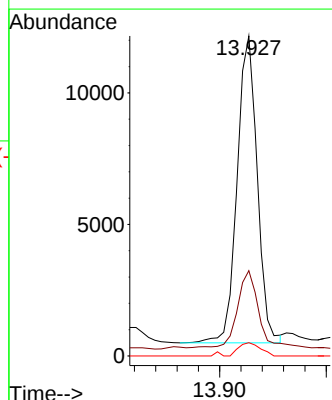
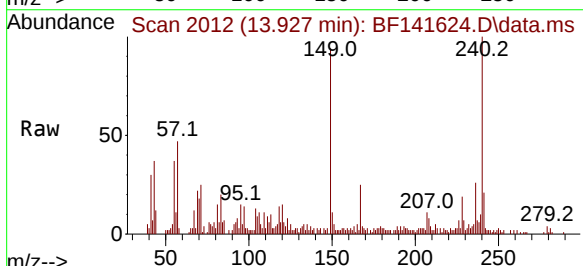
Tgt Ion:149 Resp: 15318

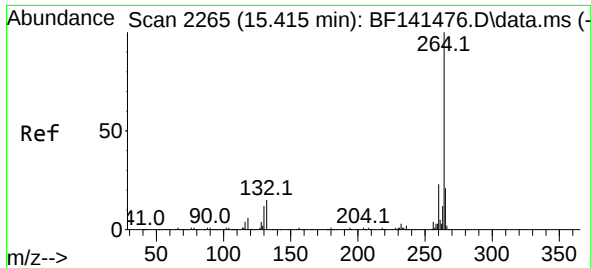
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

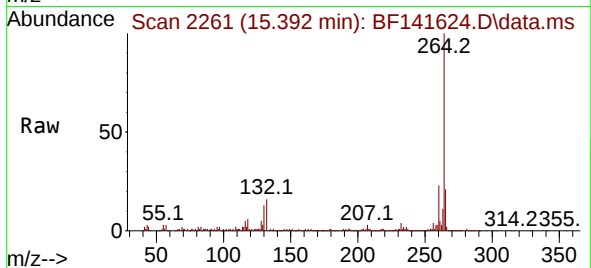
279 4.2 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Instrument :
BNA_F
ClientSampleId :
72-11995



Tgt Ion:264	Resp:	171010
Ion	Ratio	Lower Upper
264	100	
260	22.8	18.6 28.0
265	21.4	17.0 25.4

