

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141667.D
 Acq On : 18 Feb 2025 17:59
 Operator : RC/JU
 Sample : Q1374-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025

Quant Time: Feb 19 00:12:59 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)

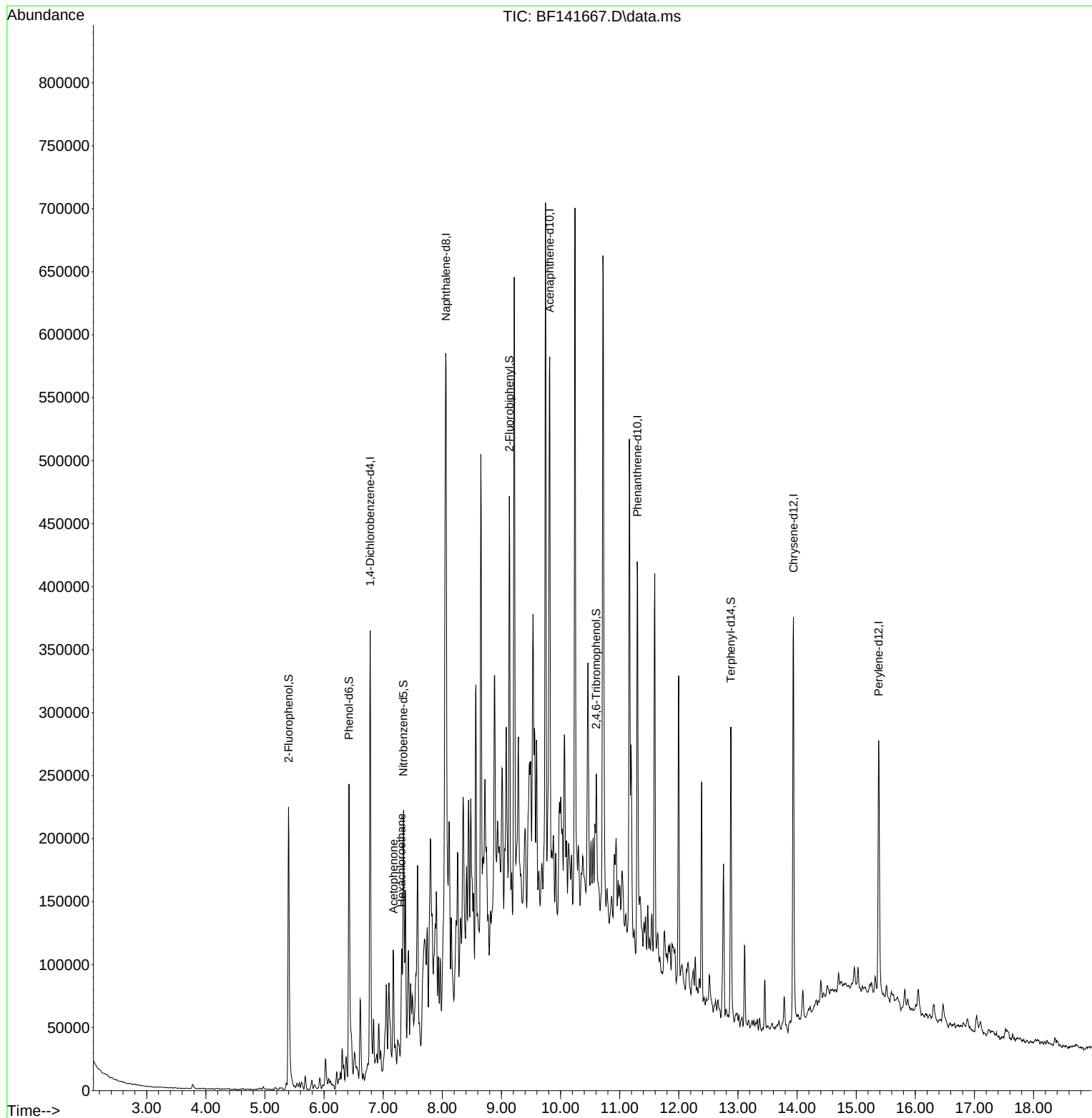
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71652	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	271689	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	120784	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	158329	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	158672	20.000	ng	-0.02
86) Perylene-d12	15.380	264	122087	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	105072	22.990	ng	-0.01
7) Phenol-d6	6.422	99	129430	22.406	ng	-0.02
23) Nitrobenzene-d5	7.339	82	80843	15.520	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	18672	15.389	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	143756	18.337	ng	-0.02
79) Terphenyl-d14	12.880	244	108669	11.562	ng	-0.02
Target Compounds						
18) Hexachloroethane	7.310	117	5891	2.988	ng	# 1
22) Acetophenone	7.175	105	17281	2.557	ng	# 53

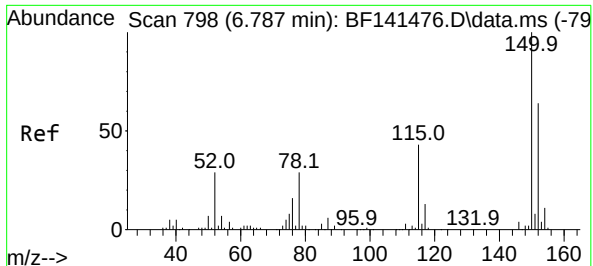
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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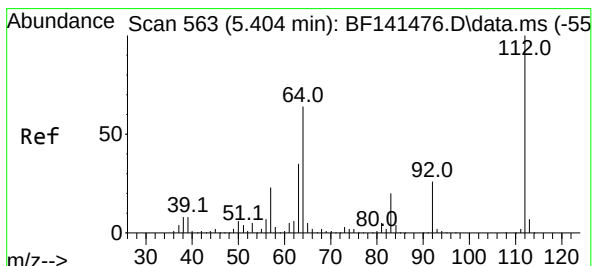
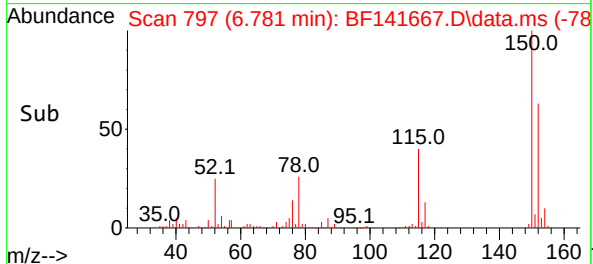
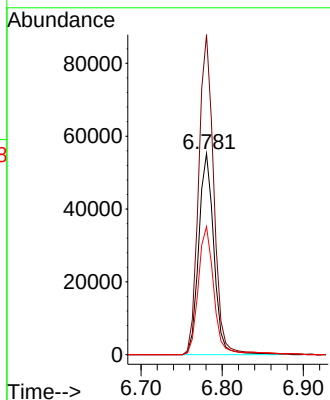
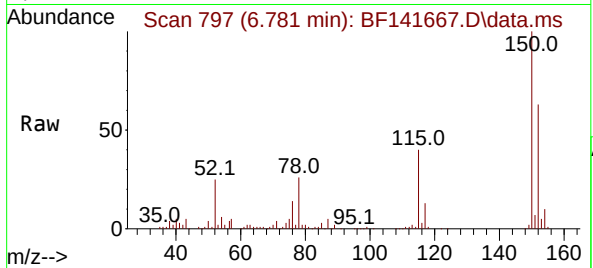




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

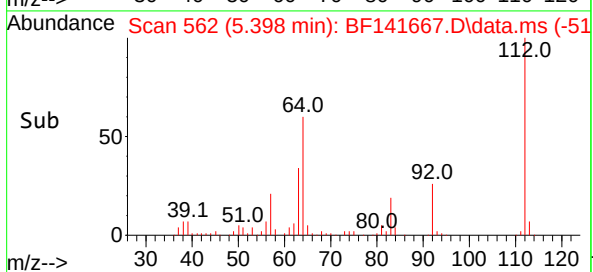
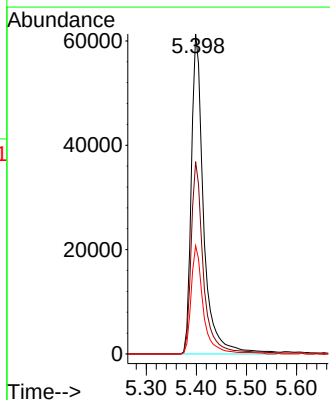
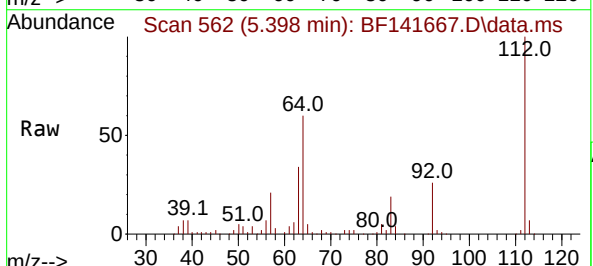
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

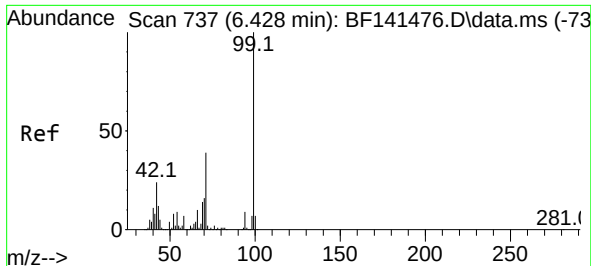
Tgt Ion:152 Resp: 71652
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.4
115 63.7 53.6 80.4



#5
2-Fluorophenol
Concen: 22.990 ng
RT: 5.398 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

Tgt Ion:112 Resp: 105072
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 33.8 28.4 42.6





#7

Phenol-d6

Concen: 22.406 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141667.D

Acq: 18 Feb 2025 17:59

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025

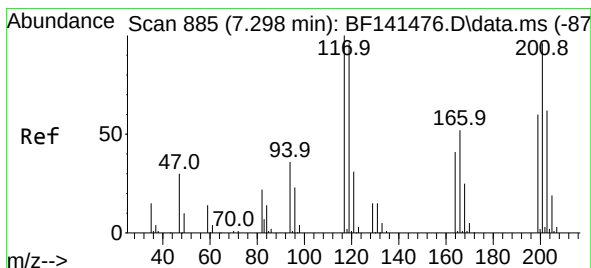
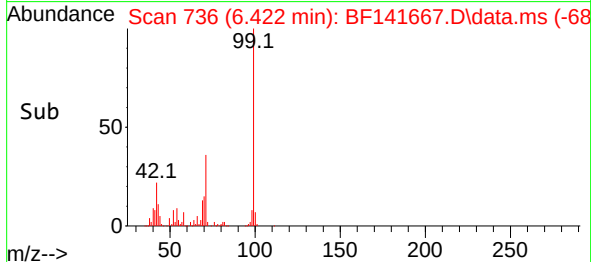
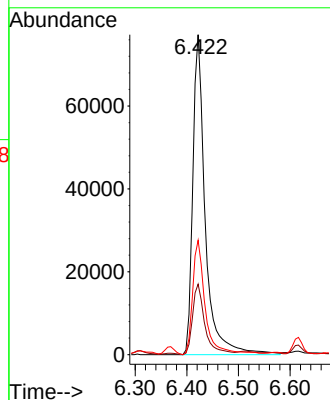
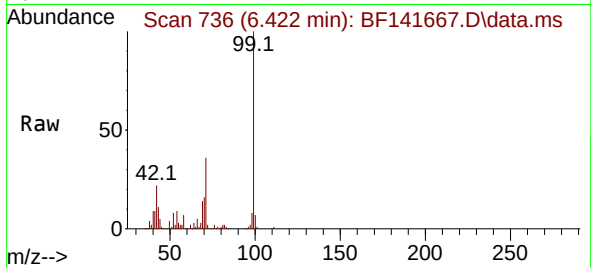
Tgt Ion: 99 Resp: 129430

Ion Ratio Lower Upper

99 100

42 22.0 19.1 28.7

71 35.8 31.1 46.7



#18

Hexachloroethane

Concen: 2.988 ng

RT: 7.310 min Scan# 887

Delta R.T. 0.006 min

Lab File: BF141667.D

Acq: 18 Feb 2025 17:59

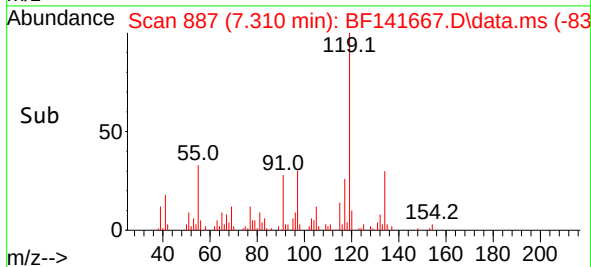
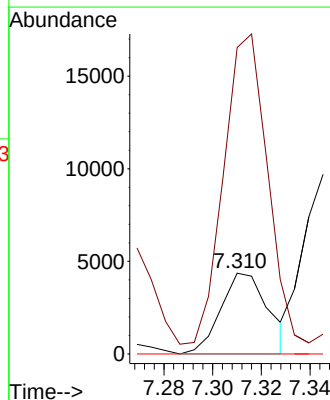
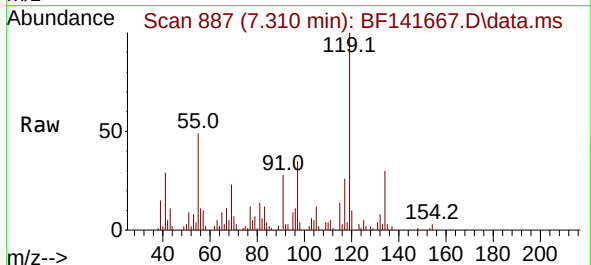
Tgt Ion: 117 Resp: 5891

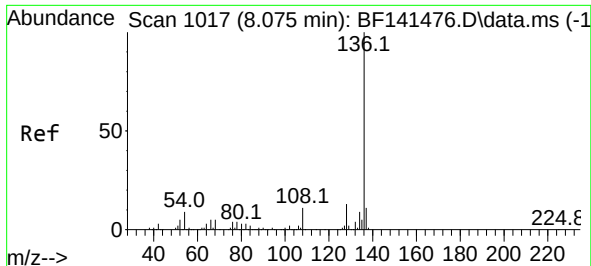
Ion Ratio Lower Upper

117 100

119 379.3 76.5 114.7#

201 0.0 76.7 115.1#

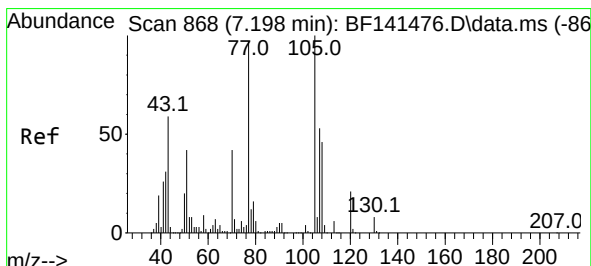
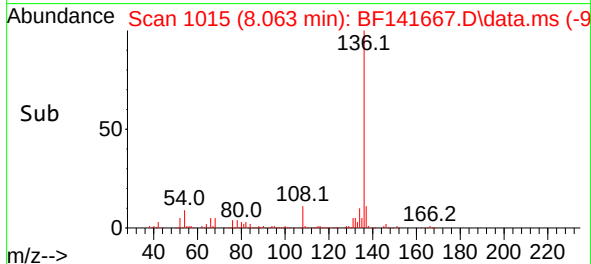
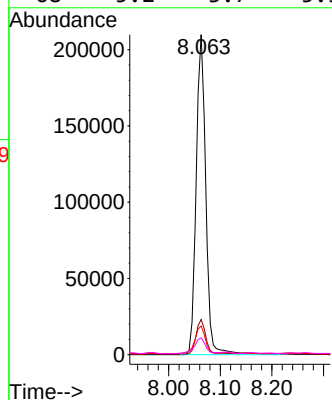
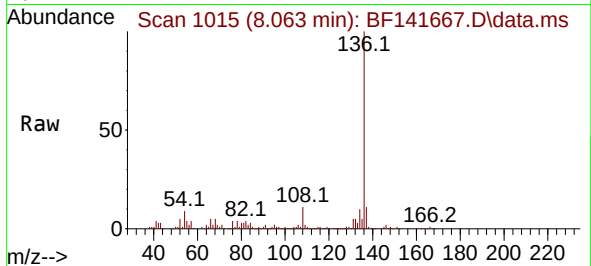




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

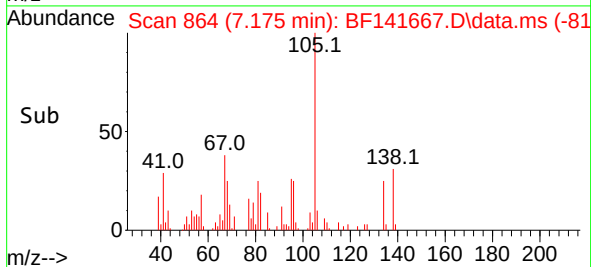
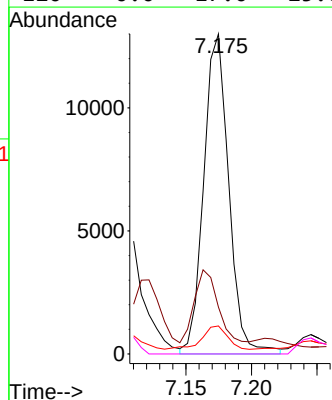
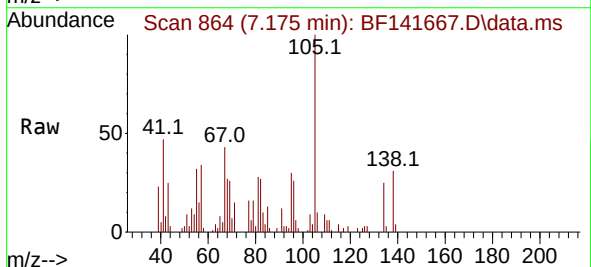
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

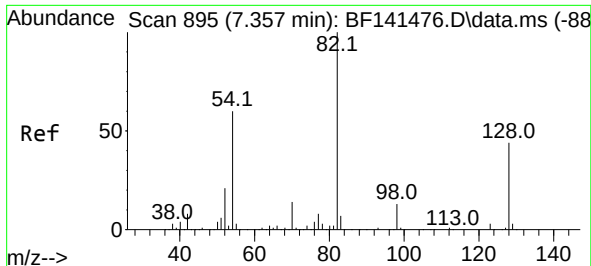
Tgt Ion:136 Resp: 271689
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.2 10.8
68 5.2 3.7 5.5



#22
Acetophenone
Concen: 2.557 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.035 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

Tgt Ion:105 Resp: 17281
Ion Ratio Lower Upper
105 100
71 14.7 5.7 8.5#
51 8.7 33.7 50.5#
120 0.0 17.0 25.6#

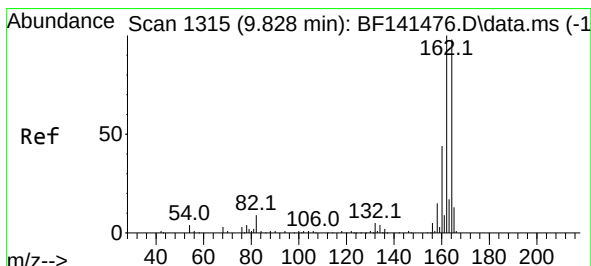
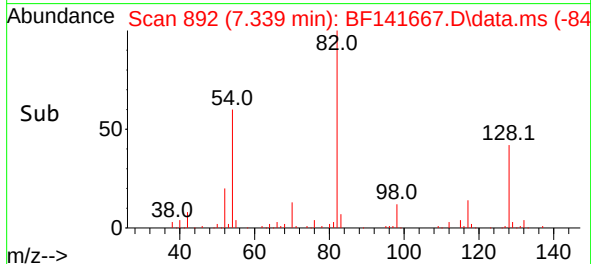
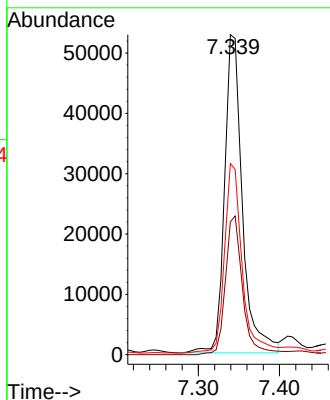
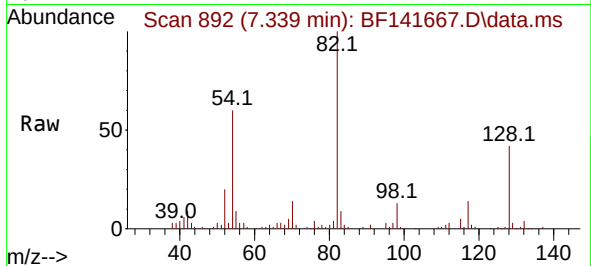




#23
Nitrobenzene-d5
Concen: 15.520 ng
RT: 7.339 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

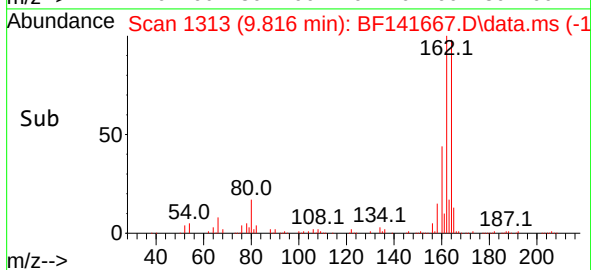
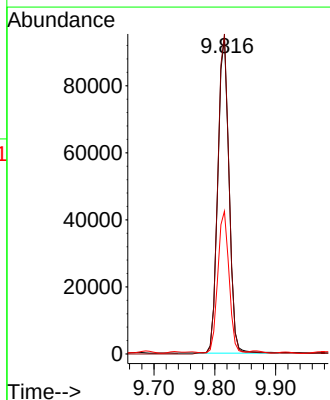
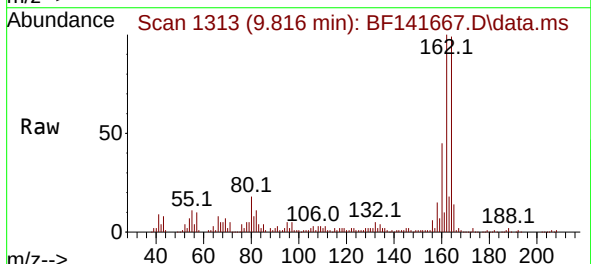
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

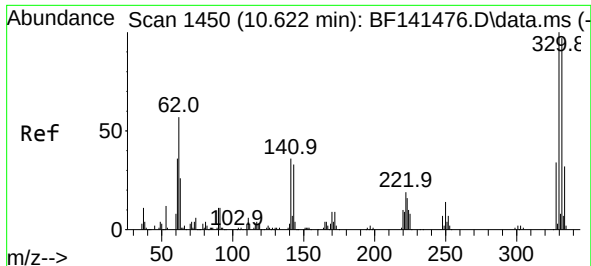
Tgt Ion: 82 Resp: 80843
Ion Ratio Lower Upper
82 100
128 41.5 34.8 52.2
54 59.7 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

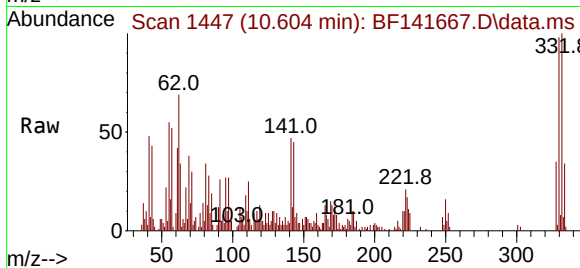
Tgt Ion:164 Resp: 120784
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.2 35.9 53.9



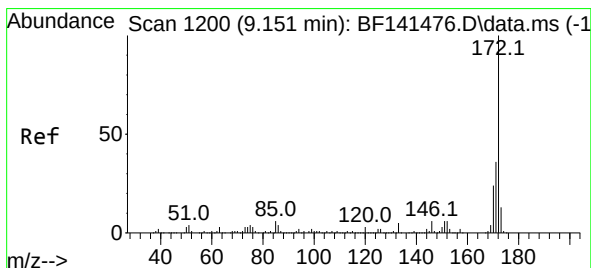
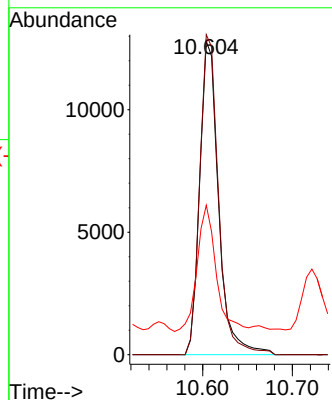
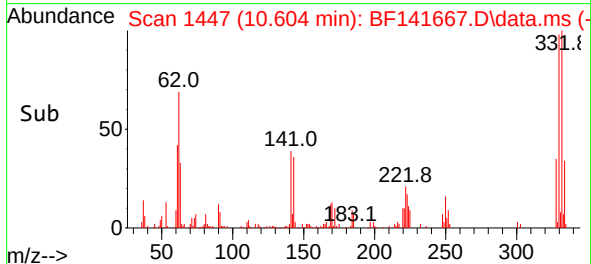


#42
2,4,6-Tribromophenol
Concen: 15.389 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025

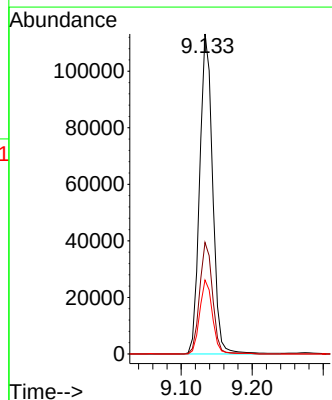
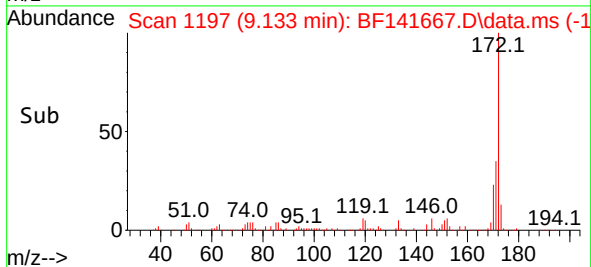
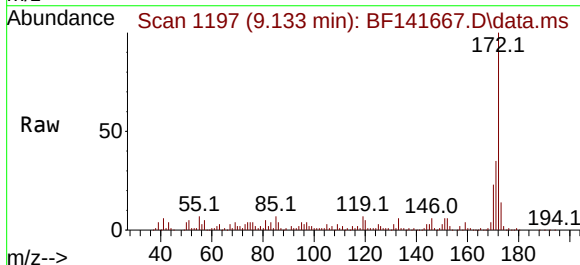


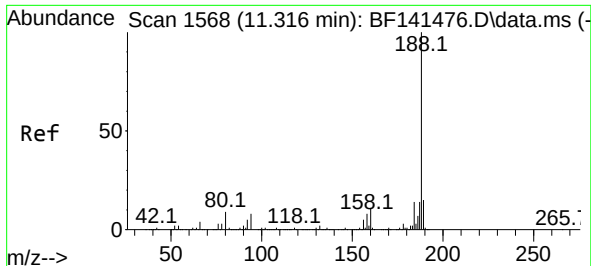
Tgt Ion:330 Resp: 18672
Ion Ratio Lower Upper
330 100
332 101.3 78.5 117.7
141 40.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 18.337 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

Tgt Ion:172 Resp: 143756
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.1 18.9 28.3

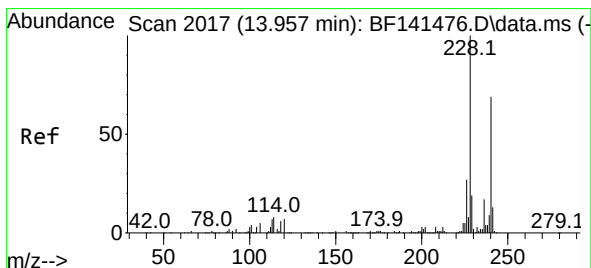
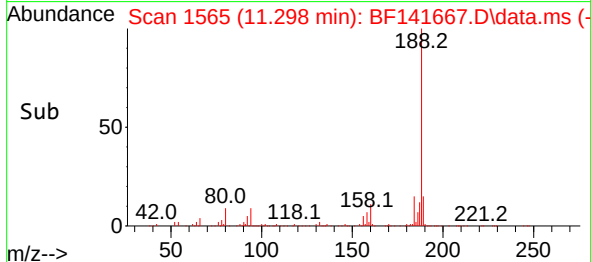
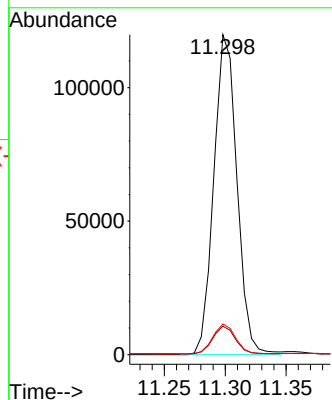
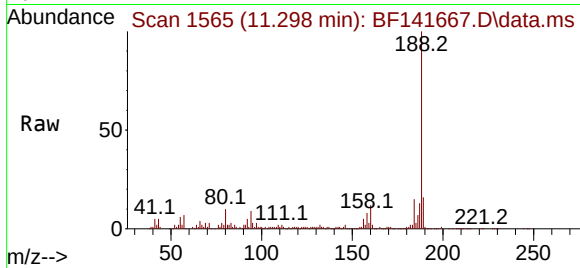




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

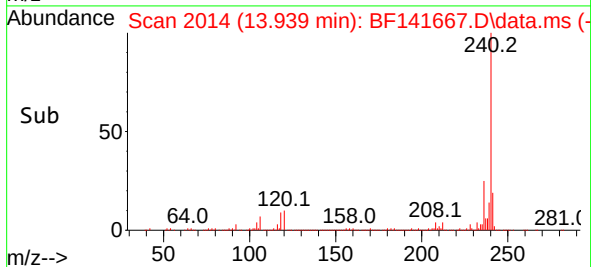
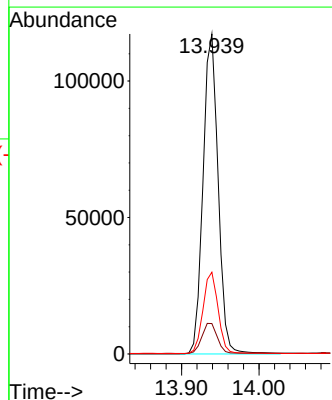
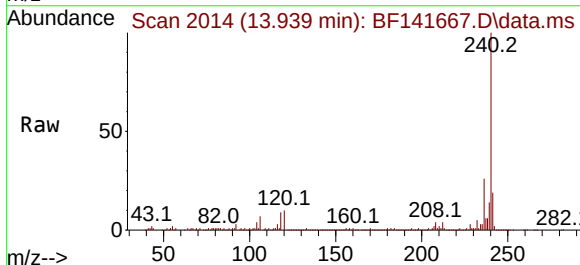
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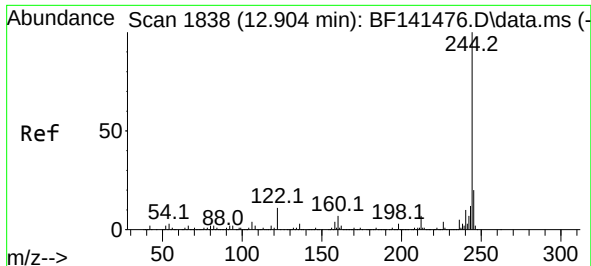
Tgt Ion:188 Resp: 158329
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141667.D
Acq: 18 Feb 2025 17:59

Tgt Ion:240 Resp: 158672
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.5 19.8 29.8

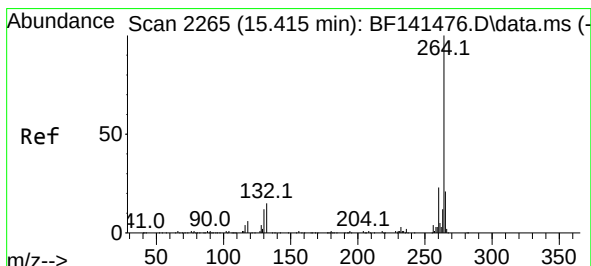
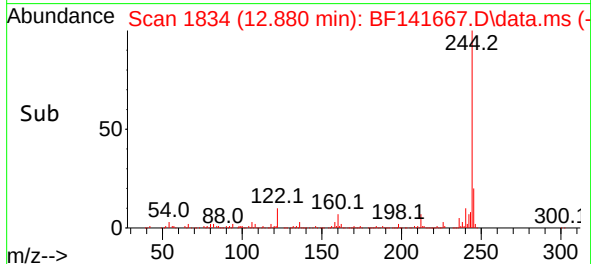
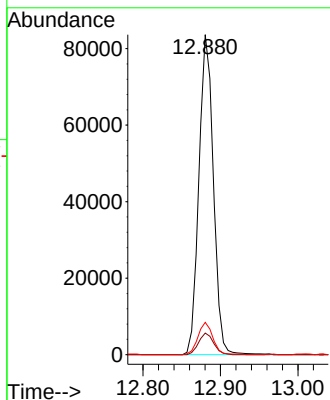
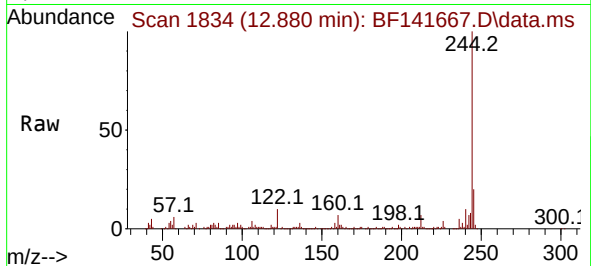




#79
 Terphenyl-d14
 Concen: 11.562 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141667.D
 Acq: 18 Feb 2025 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025

Tgt Ion:244 Resp: 108669
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 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: BF141667.D
 Acq: 18 Feb 2025 17:59

Tgt Ion:264 Resp: 122087
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.9 17.0 25.4

