

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141375.D
 Acq On : 03 Feb 2025 18:12
 Operator : RC/JU
 Sample : Q1216-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825

Quant Time: Feb 04 00:17:38 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	6.793	152	99448	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	410147	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	226351	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	389099	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	282756	20.000	ng	-0.02
86) Perylene-d12	15.410	264	207018	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	921985	142.329	ng	0.02
7) Phenol-d6	6.440	99	1118463	135.725	ng	0.00
23) Nitrobenzene-d5	7.357	82	766584	98.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	337083	162.440	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1394431	94.822	ng	-0.01
79) Terphenyl-d14	12.904	244	1614714	88.068	ng	-0.01

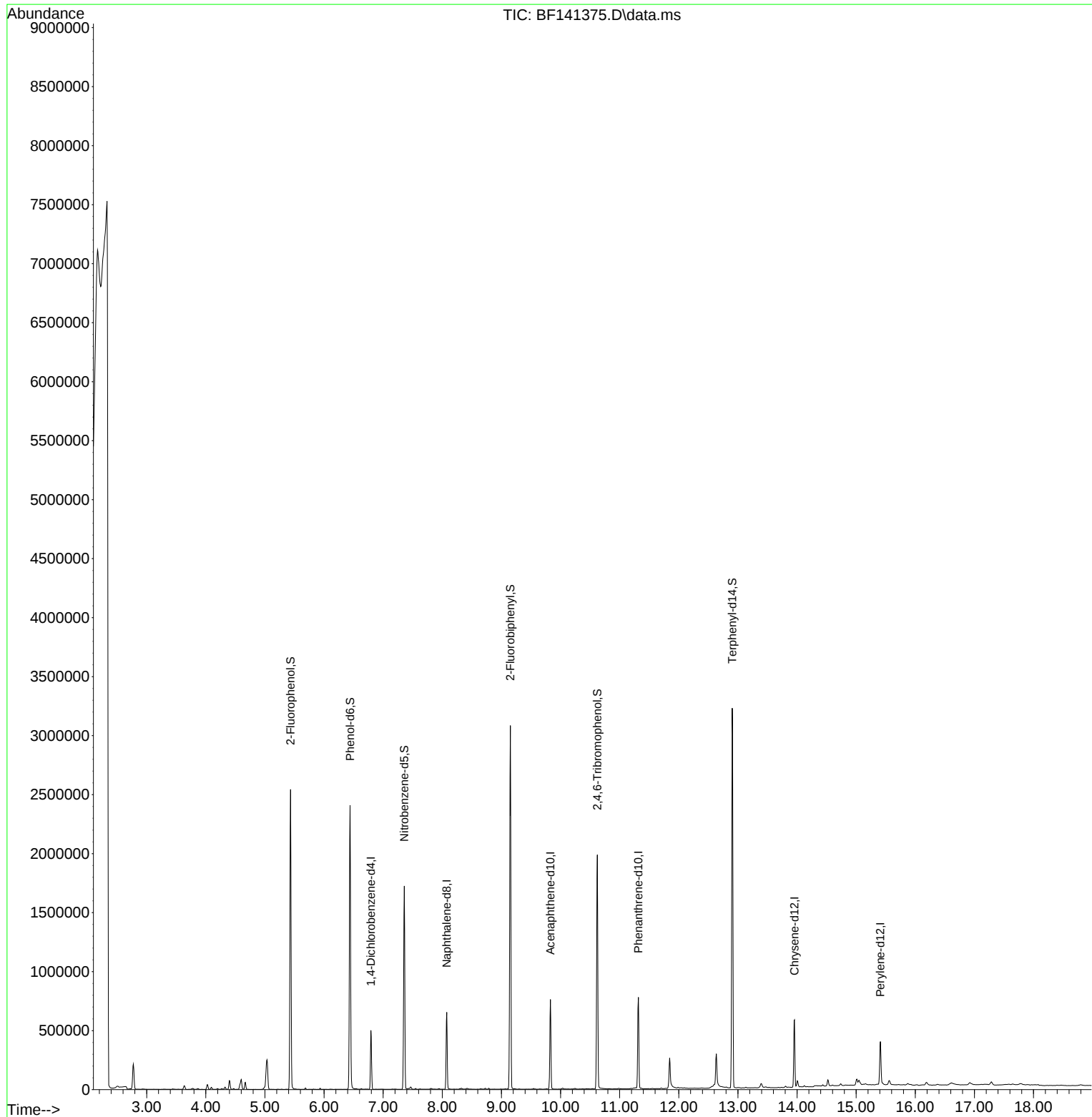
Target Compounds	Qvalue

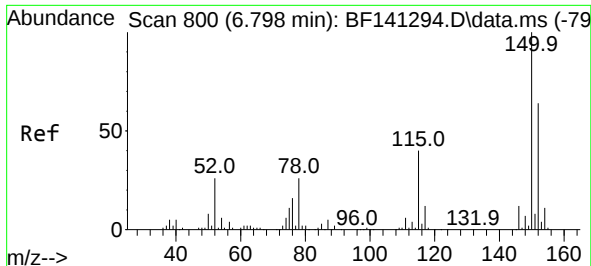
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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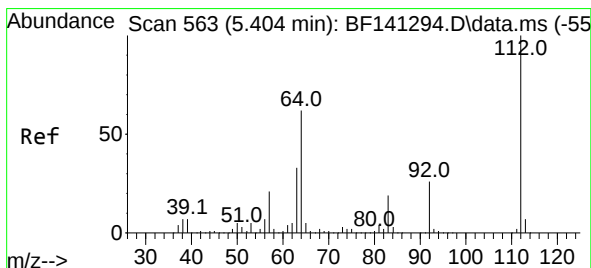
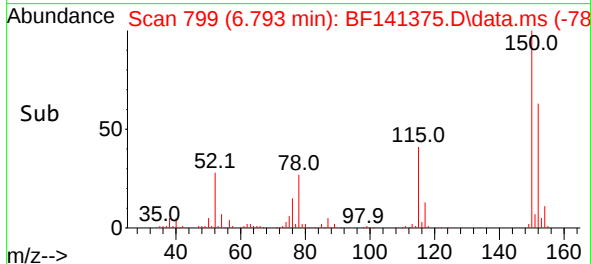
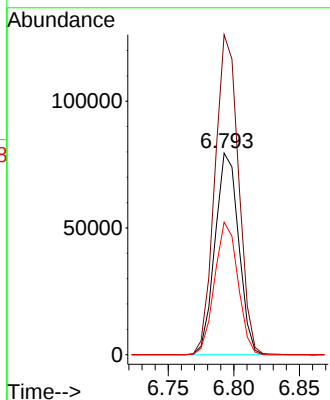
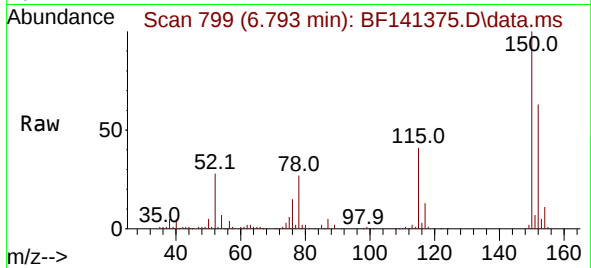




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

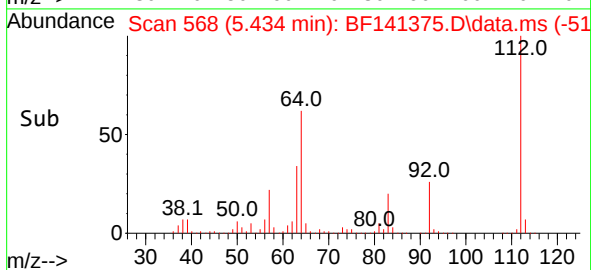
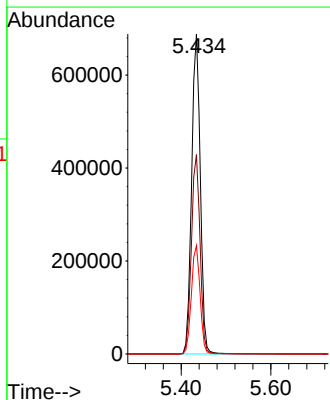
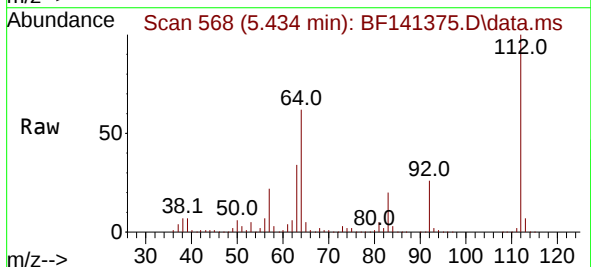
Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825

Tgt Ion:152 Resp: 99448
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.9 188.9
 115 65.8 49.7 74.5



#5
 2-Fluorophenol
 Concen: 142.329 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.024 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

Tgt Ion:112 Resp: 921985
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.8 74.8
 63 33.9 26.1 39.1

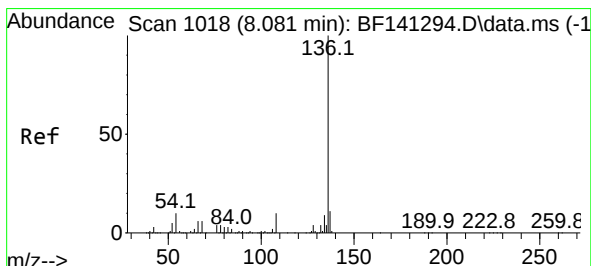
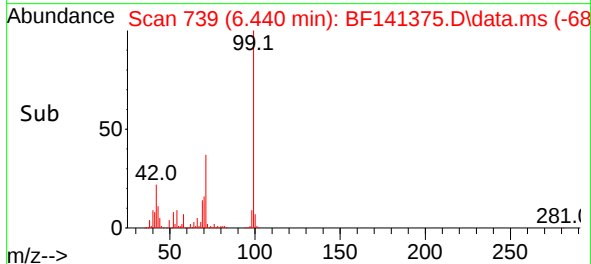
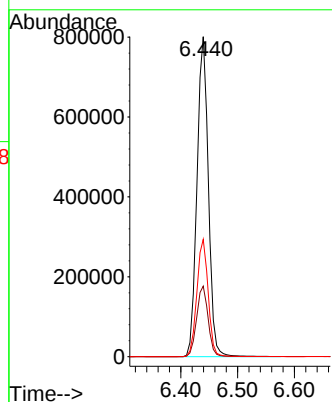
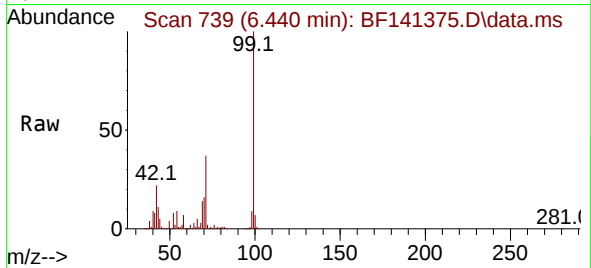




#7
Phenol-d6
Concen: 135.725 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

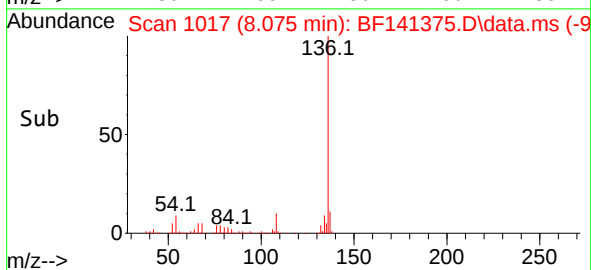
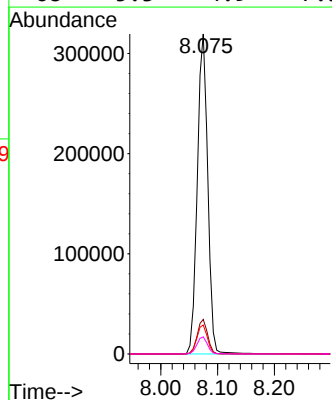
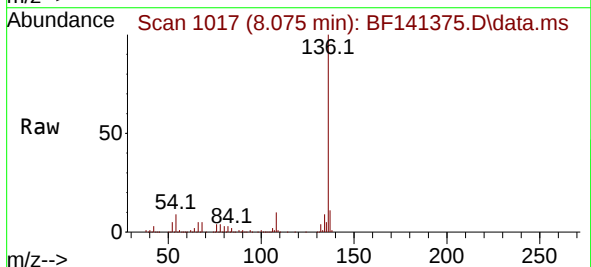
Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

Tgt Ion: 99 Resp: 1118463
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 36.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Tgt Ion: 136 Resp: 410147
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.8 11.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.530 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141375.D

Acq: 03 Feb 2025 18:12

Instrument :

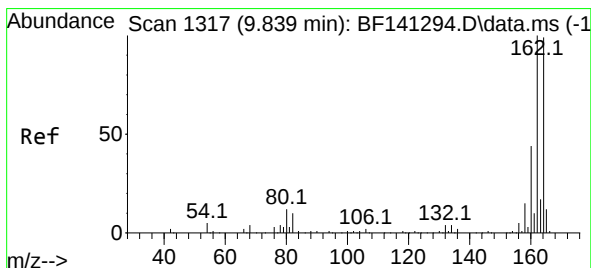
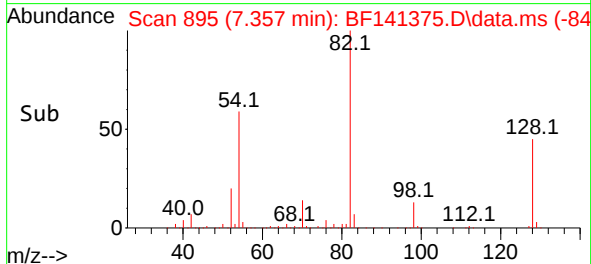
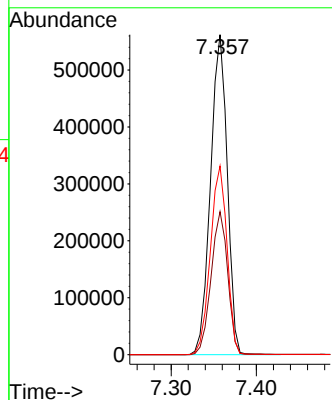
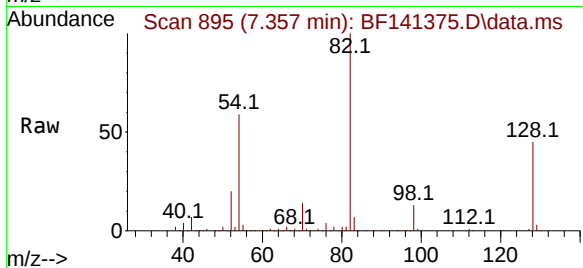
BNA_F

ClientSampleId :

JPP-21.2-012825

Tgt Ion: 82 Resp: 766584

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	59.0	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

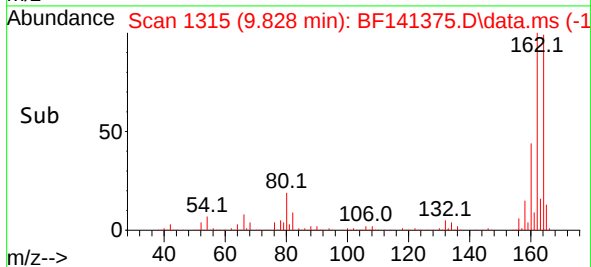
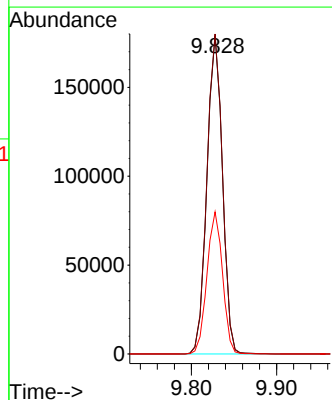
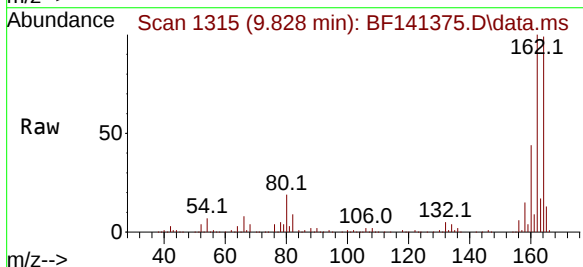
Delta R.T. -0.012 min

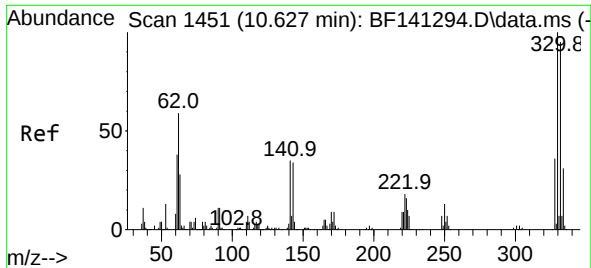
Lab File: BF141375.D

Acq: 03 Feb 2025 18:12

Tgt Ion: 164 Resp: 226351

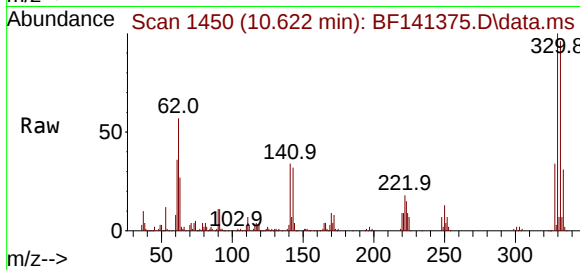
Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.6	35.8	53.6



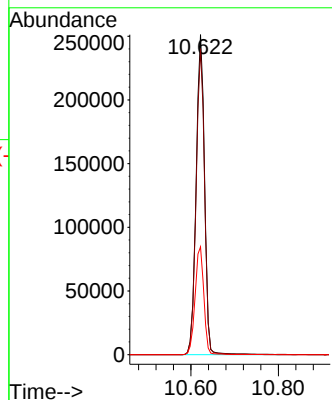
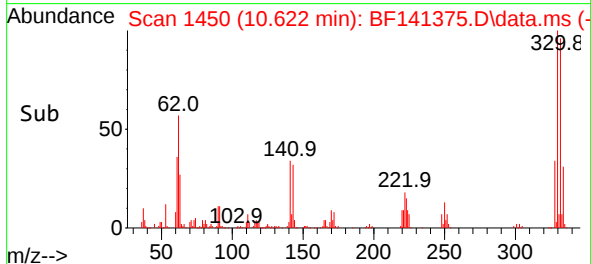


#42
2,4,6-Tribromophenol
Concen: 162.440 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

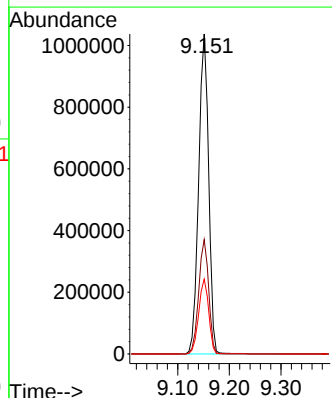
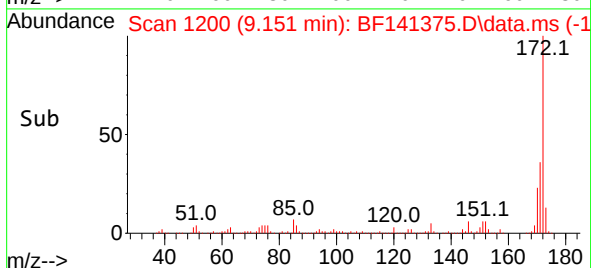
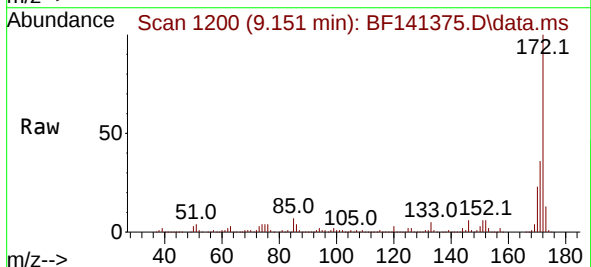


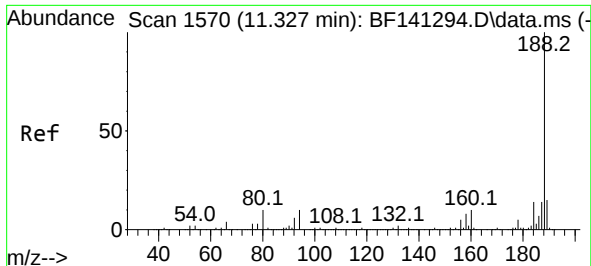
Tgt Ion:330 Resp: 337083
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 35.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 94.822 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

Tgt Ion:172 Resp: 1394431
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 19.0 28.6

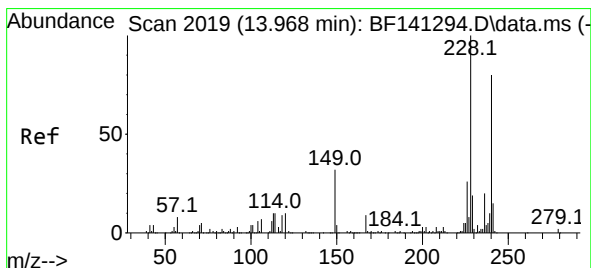
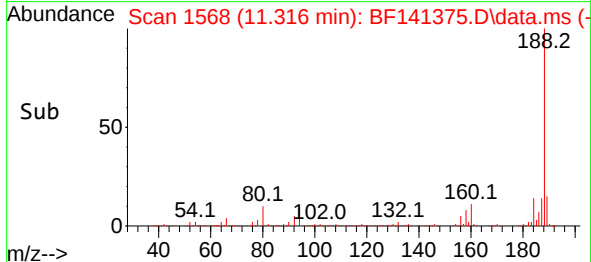
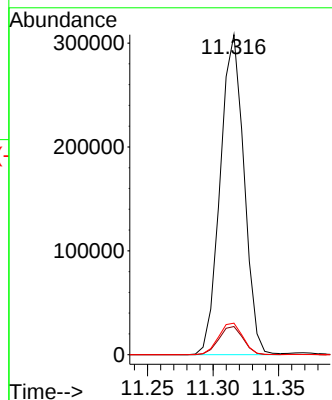
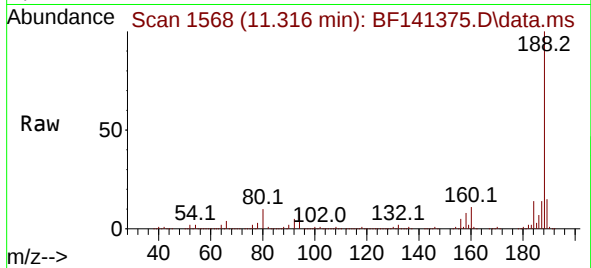




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

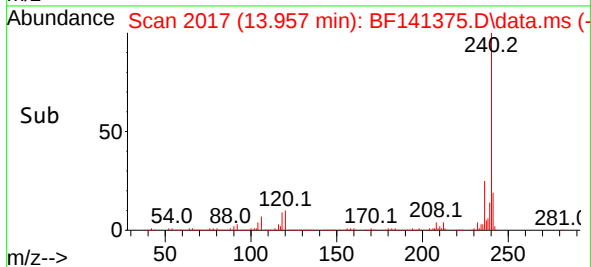
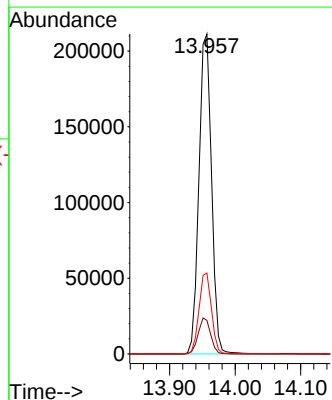
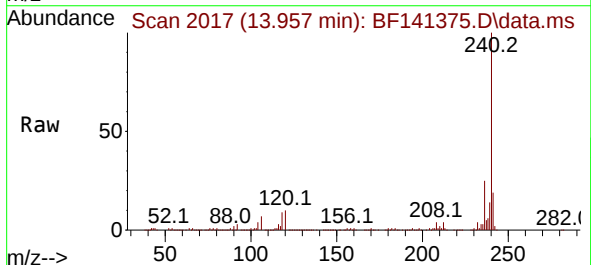
Instrument :
BNA_F
ClientSampleId :
JPP-21.2-012825

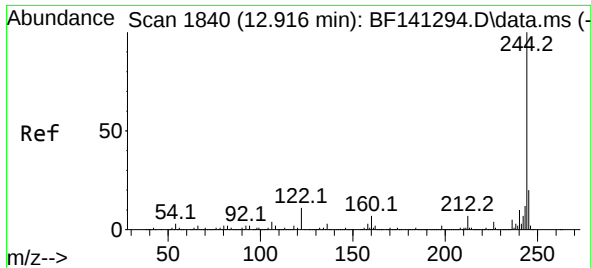
Tgt Ion:188 Resp: 389099
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141375.D
Acq: 03 Feb 2025 18:12

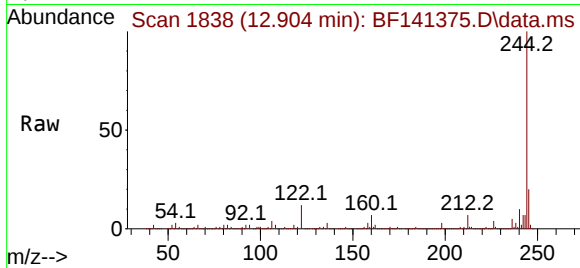
Tgt Ion:240 Resp: 282756
Ion Ratio Lower Upper
240 100
120 10.5 10.0 15.0
236 25.3 19.7 29.5



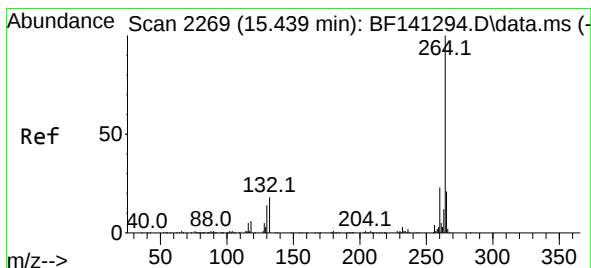
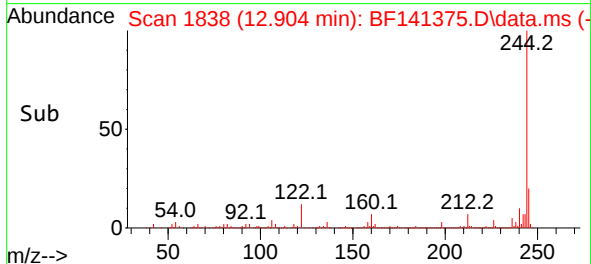
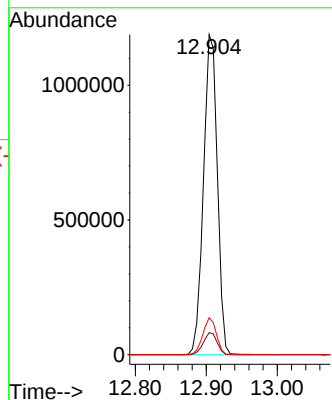


#79
 Terphenyl-d14
 Concen: 88.068 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141375.D
 Acq: 03 Feb 2025 18:12

Instrument :
 BNA_F
 ClientSampleId :
 JPP-21.2-012825



Tgt Ion:244 Resp: 1614714
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 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: BF141375.D
 Acq: 03 Feb 2025 18:12

Tgt Ion:264 Resp: 207018
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 16.7 25.1

