

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141377.D
 Acq On : 03 Feb 2025 19:04
 Operator : RC/JU
 Sample : Q1216-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825

Quant Time: Feb 04 00:18:14 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	107263	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	439549	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	235703	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	317470	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	220783	20.000	ng	-0.02
86) Perylene-d12	15.410	264	155960	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	952789	136.368	ng	0.02
7) Phenol-d6	6.440	99	1133060	127.479	ng	0.00
23) Nitrobenzene-d5	7.357	82	847357	101.626	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294457	136.269	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1459350	95.299	ng	-0.01
79) Terphenyl-d14	12.910	244	1377262	96.203	ng	0.00

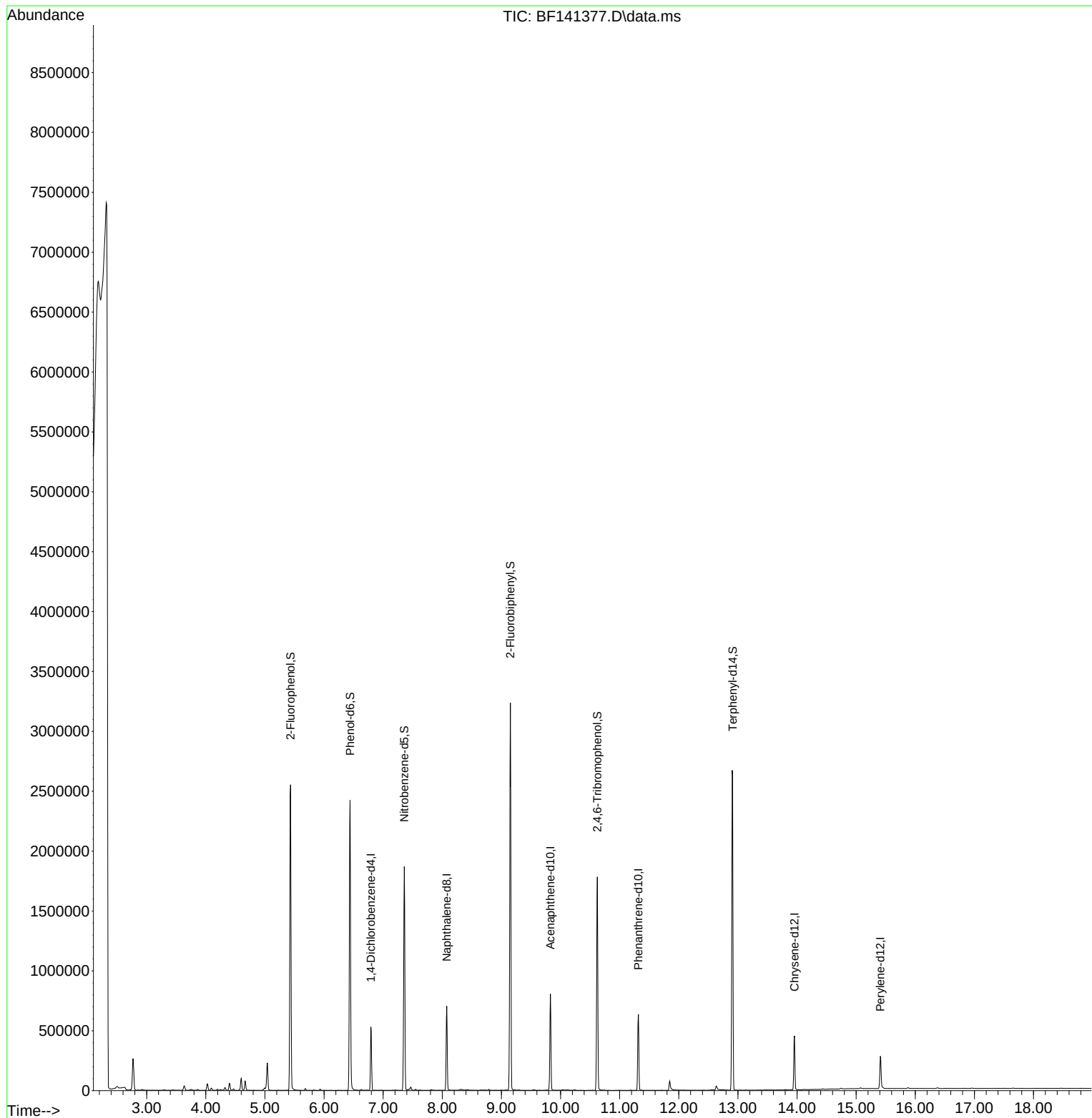
Target Compounds	Qvalue

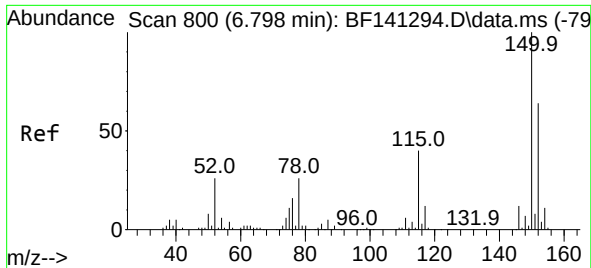
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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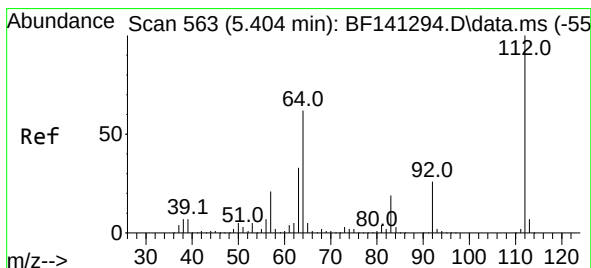
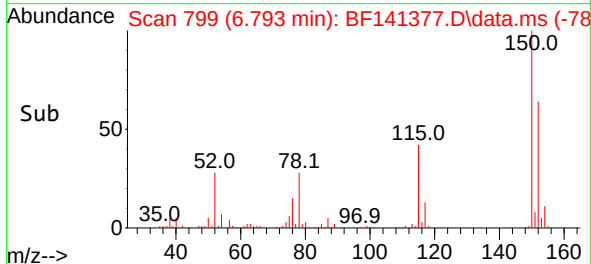
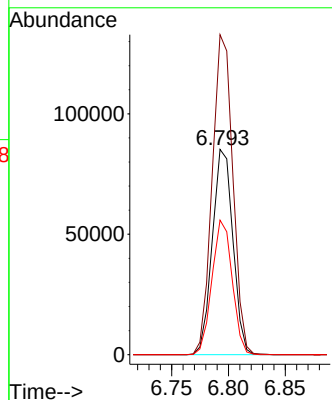
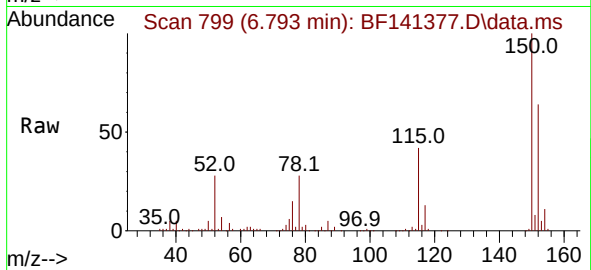




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

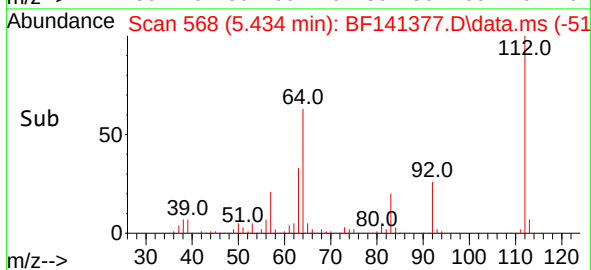
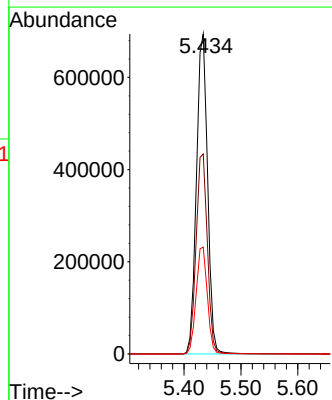
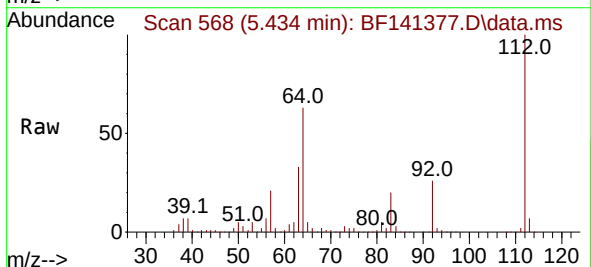
Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825

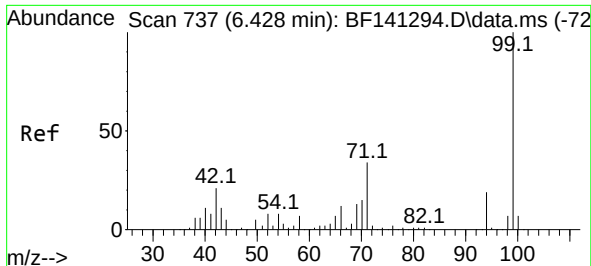
Tgt Ion:152 Resp: 107263
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.9 188.9
 115 65.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 136.368 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.023 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Tgt Ion:112 Resp: 952789
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 33.4 26.1 39.1

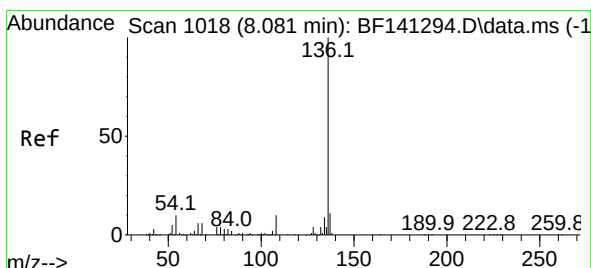
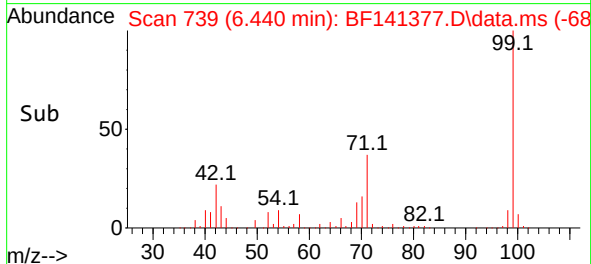
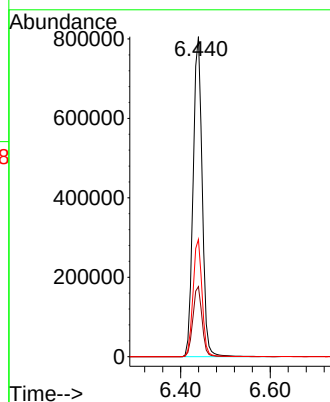
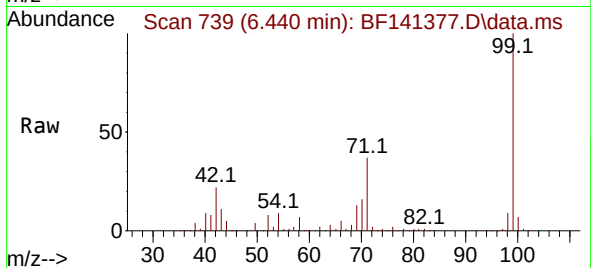




#7
Phenol-d6
Concen: 127.479 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

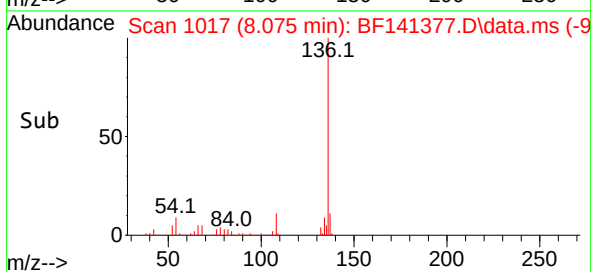
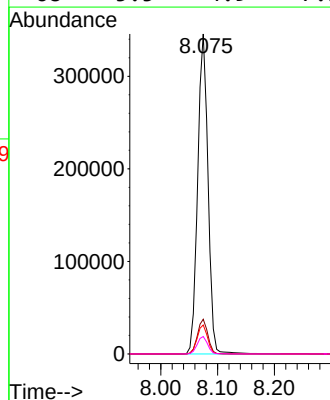
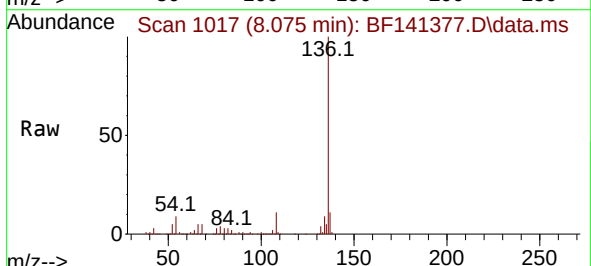
Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

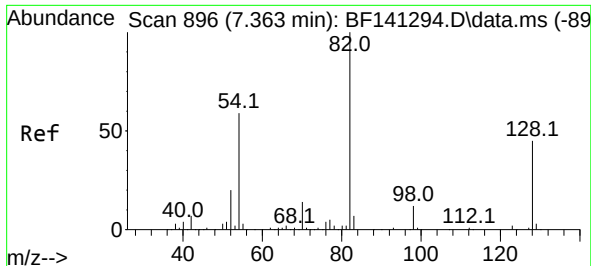
Tgt Ion: 99 Resp: 1133060
Ion Ratio Lower Upper
99 100
42 21.9 17.1 25.7
71 36.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

Tgt Ion: 136 Resp: 439549
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 101.626 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141377.D

Acq: 03 Feb 2025 19:04

Instrument :

BNA_F

ClientSampleId :

JPP-26.2-012825

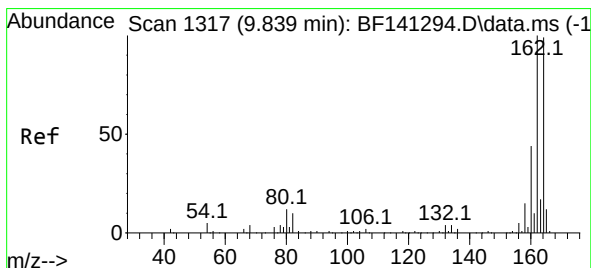
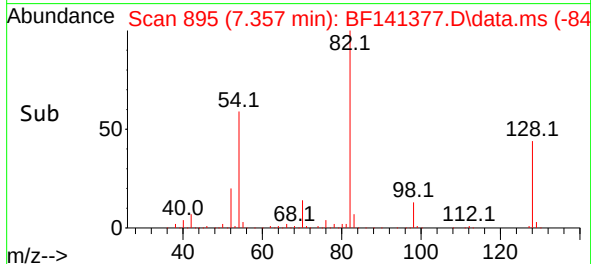
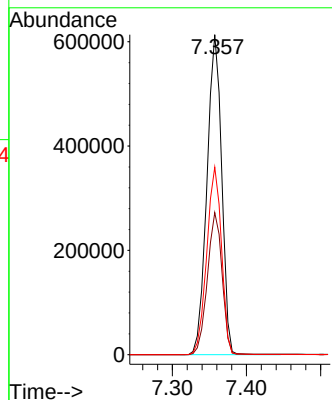
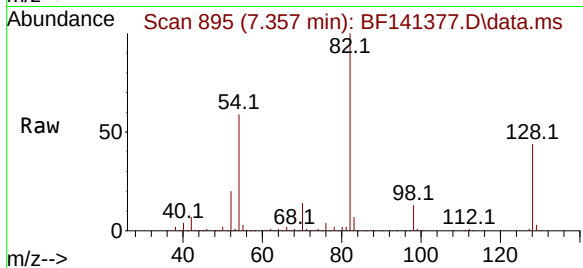
Tgt Ion: 82 Resp: 847357

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

54 58.6 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: BF141377.D

Acq: 03 Feb 2025 19:04

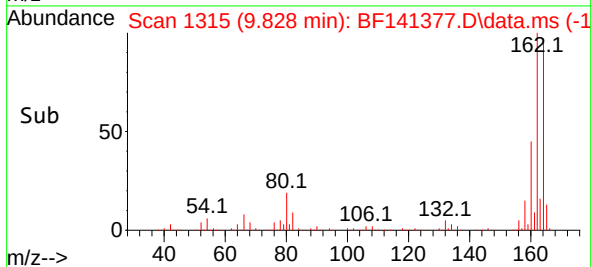
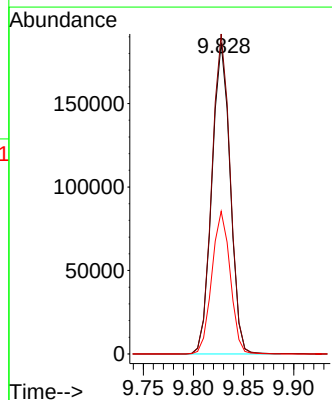
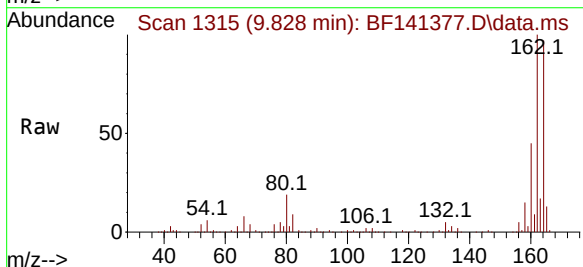
Tgt Ion:164 Resp: 235703

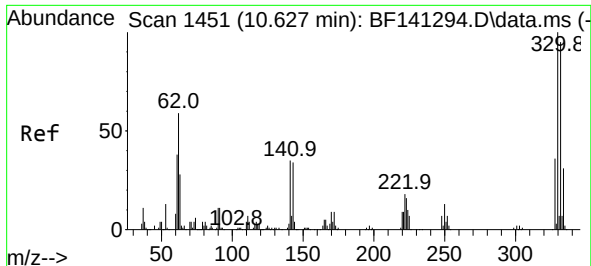
Ion Ratio Lower Upper

164 100

162 102.8 80.6 121.0

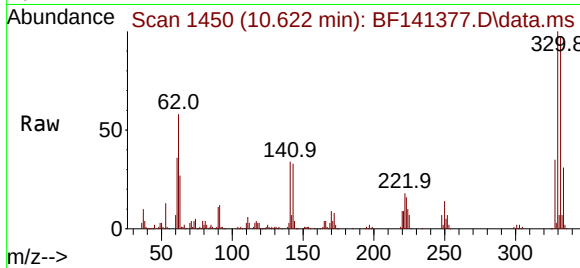
160 45.8 35.8 53.6



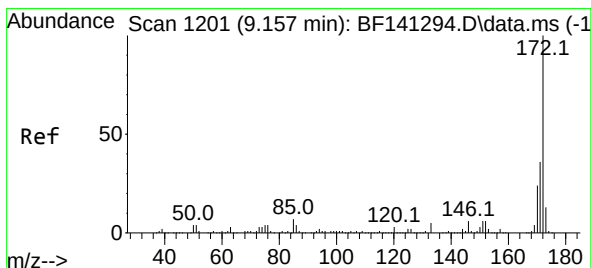
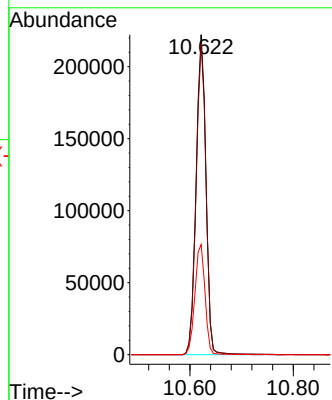
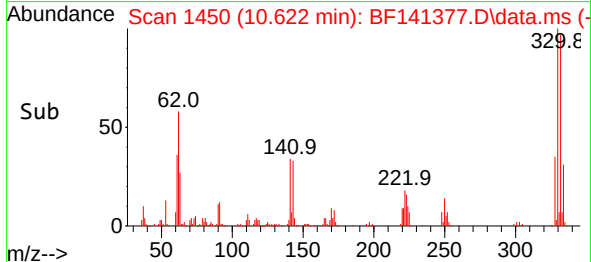


#42
 2,4,6-Tribromophenol
 Concen: 136.269 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.2-012825

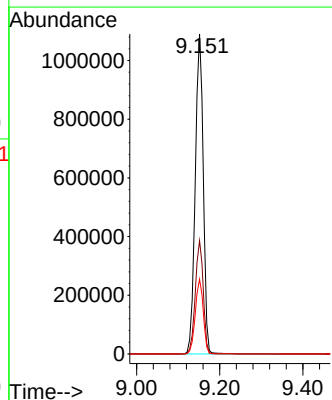
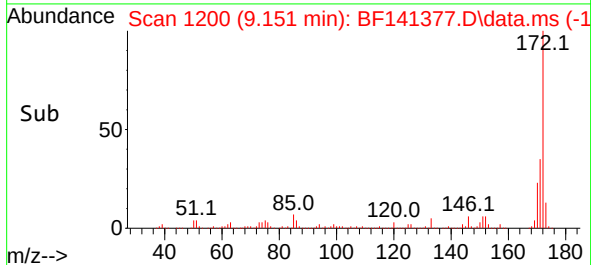
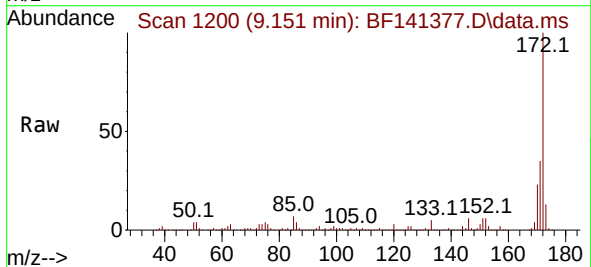


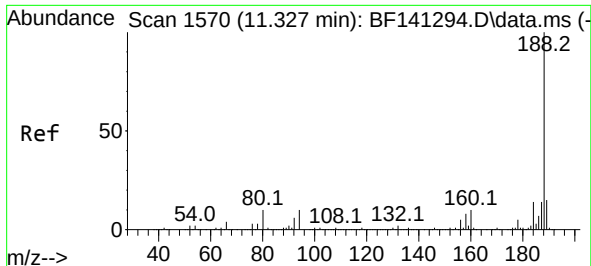
Tgt Ion: 330 Resp: 294457
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.1 114.1
 141 35.4 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 95.299 ng
 RT: 9.151 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Tgt Ion: 172 Resp: 1459350
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.4 19.0 28.6

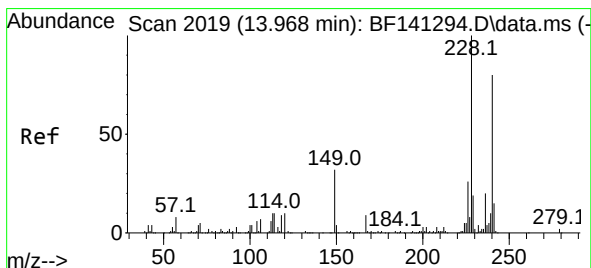
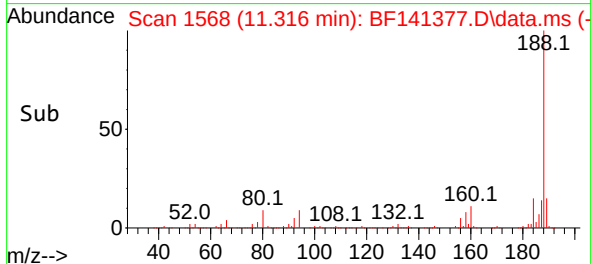
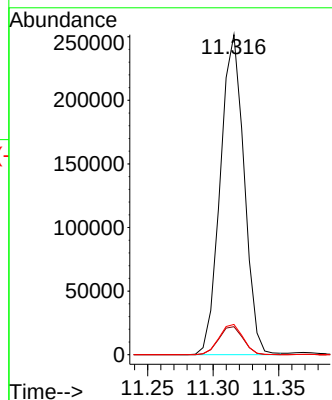
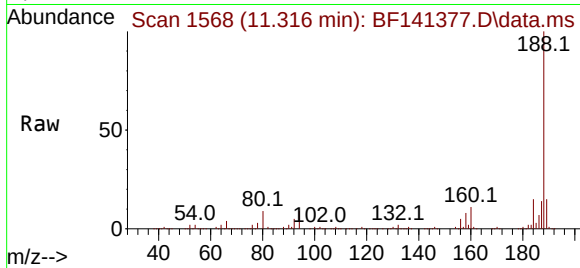




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

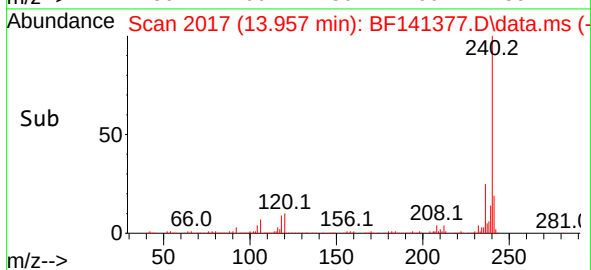
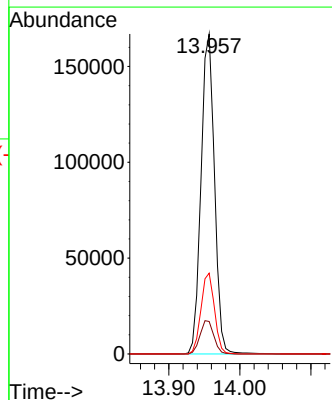
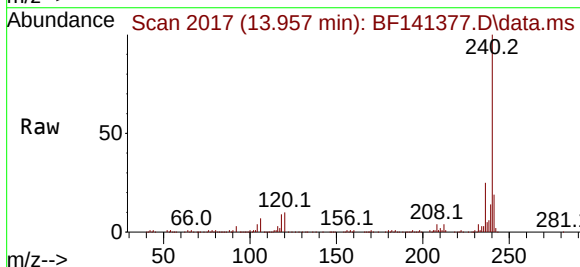
Instrument :
BNA_F
ClientSampleId :
JPP-26.2-012825

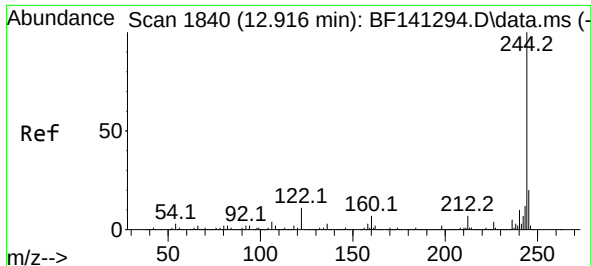
Tgt Ion:188 Resp: 317470
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141377.D
Acq: 03 Feb 2025 19:04

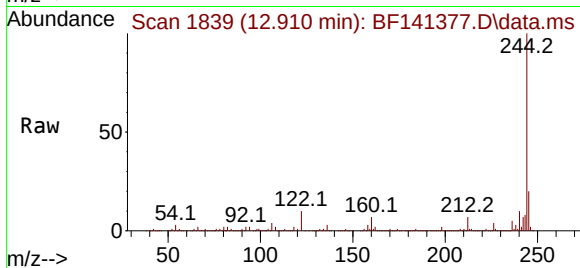
Tgt Ion:240 Resp: 220783
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.2 19.7 29.5





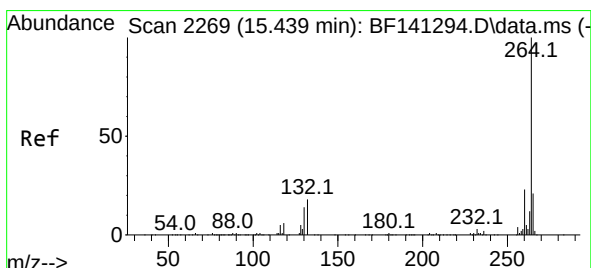
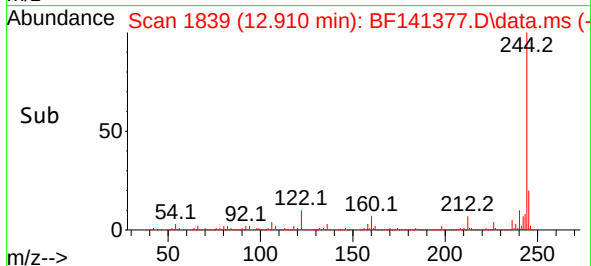
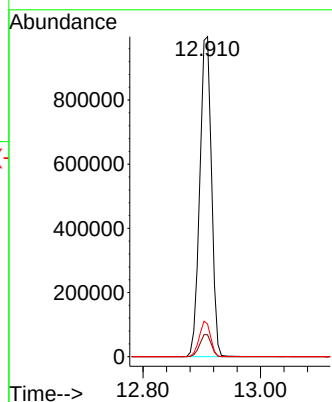
#79
 Terphenyl-d14
 Concen: 96.203 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141377.D
 Acq: 03 Feb 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1377262

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	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: BF141377.D
 Acq: 03 Feb 2025 19:04

Tgt Ion:264 Resp: 155960

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.4	16.7	25.1

