Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141380.D
Acq On : 03 Feb 2025 20:24
Operator : RC/JU
Sample : Q1232-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Quant Time: Feb 04 00:19:04 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	6.792	152	93170	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	362646	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	194869	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	333909	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	223983	20.000	ng	#-0.02
86) Perylene-d12	15.410	264	156310	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	818535	134.874	ng	0.02
7) Phenol-d6	6.439	99	1012812	131.186	ng	0.00
23) Nitrobenzene-d5	7.357	82	739340	107.475	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	297339	166.437	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1290051	101.896	ng	-0.01
79) Terphenyl-d14	12.910	244	1445644	99.537	ng	0.00
Target Compounds						Qvalue

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

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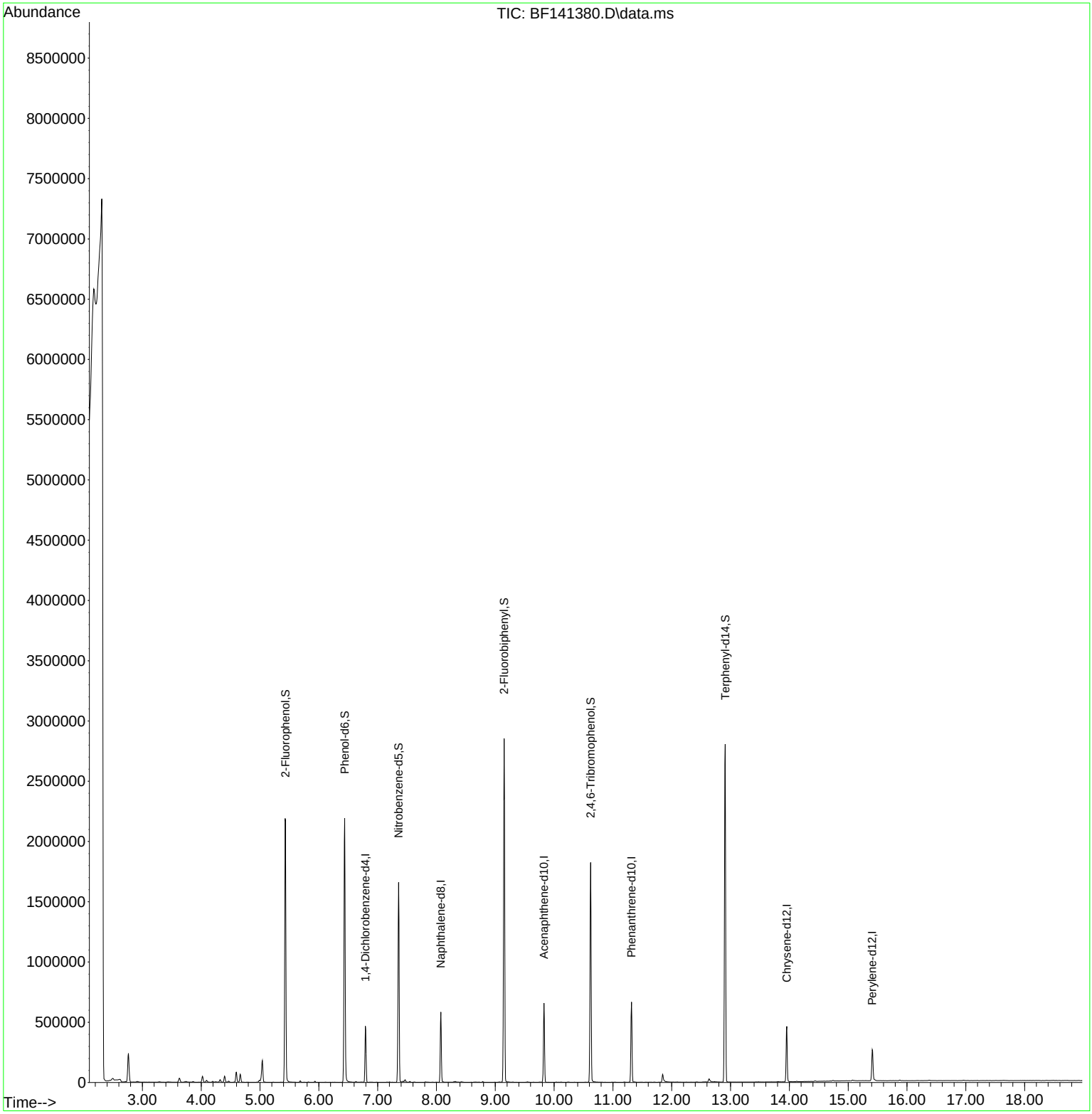
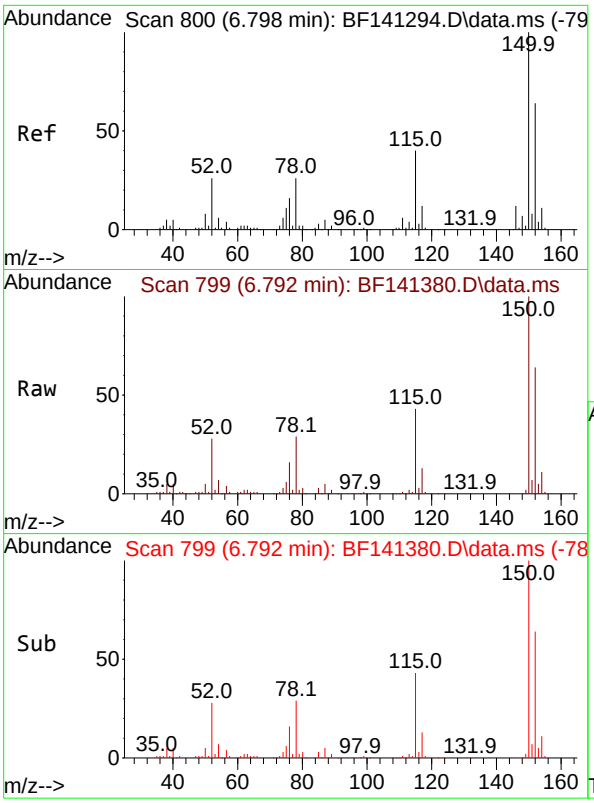


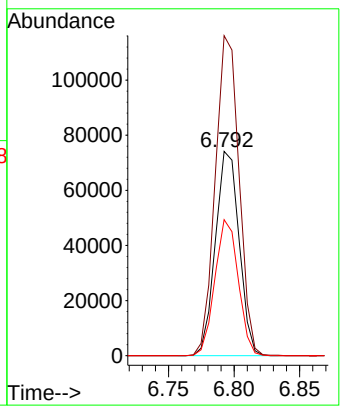


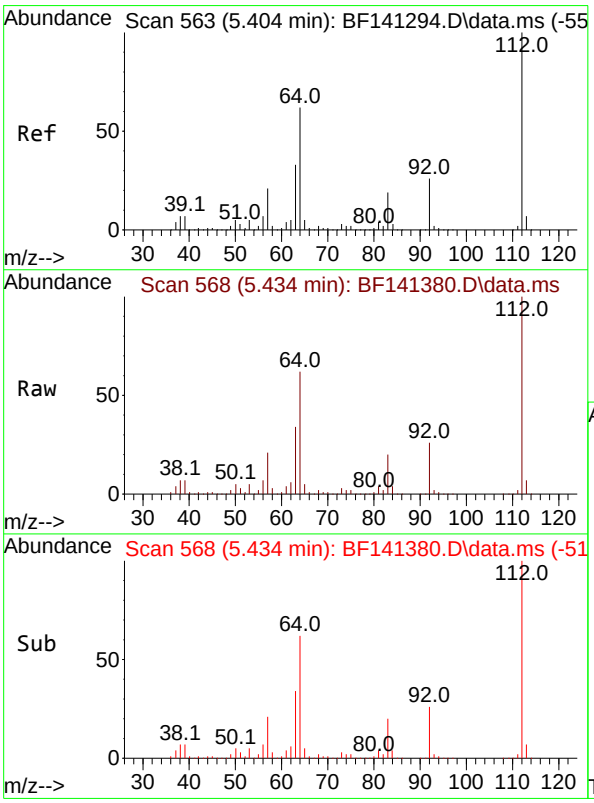
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion:152 Resp: 93170

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	66.6	49.7	74.5

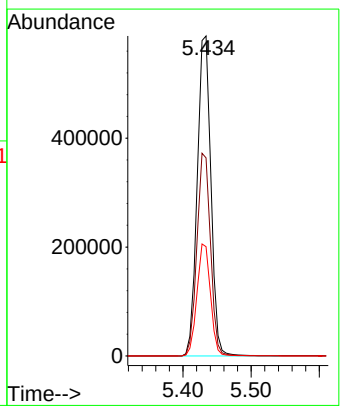


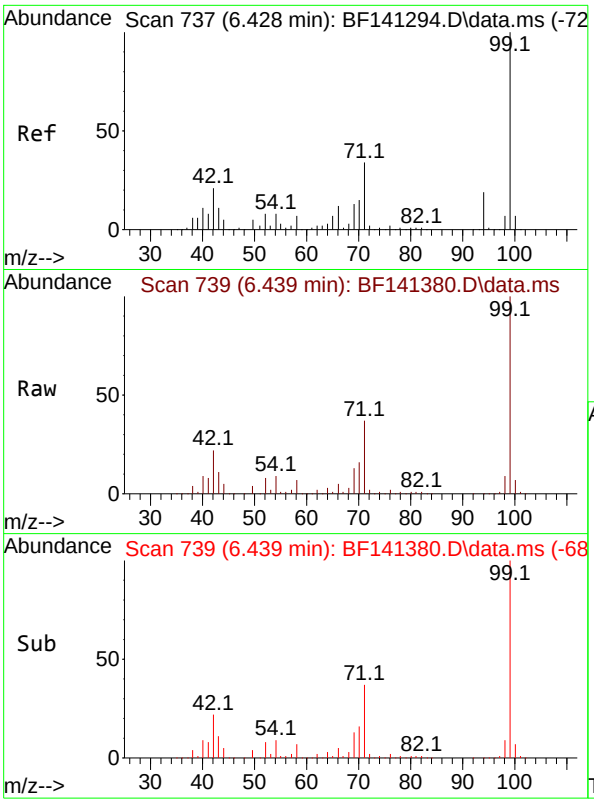


#5
2-Fluorophenol
Concen: 134.874 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:112 Resp: 818535

Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.8	74.8
63	34.1	26.1	39.1



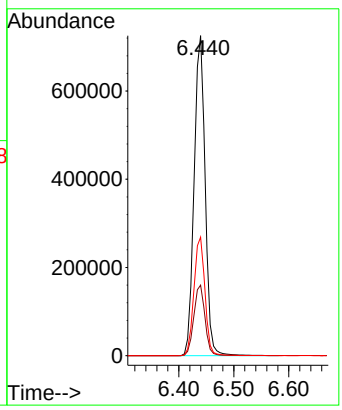


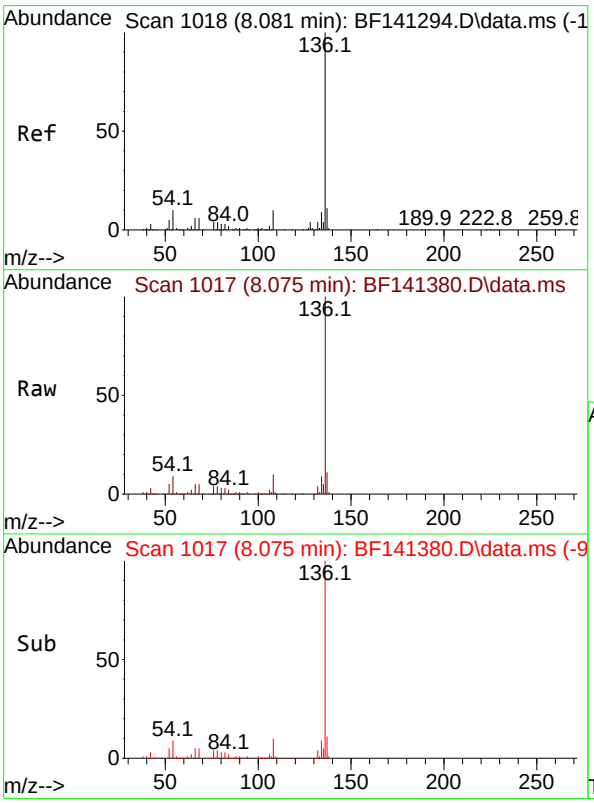
#7
Phenol-d6
Concen: 131.186 ng
RT: 6.439 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion: 99 Resp: 1012812

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.1	25.7
71	37.0	26.9	40.3

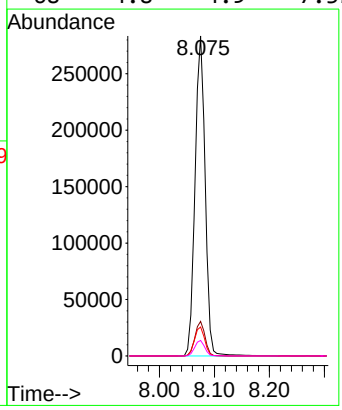


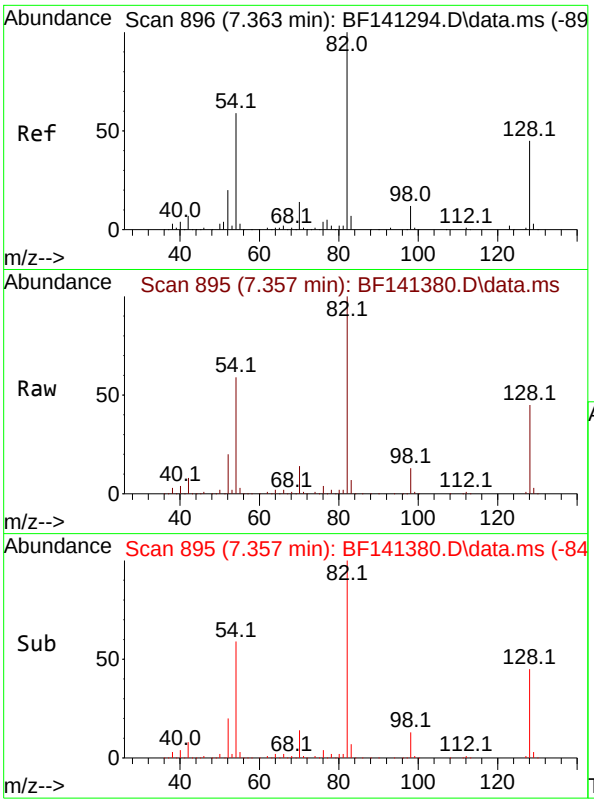


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:136 Resp: 362646

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.8	11.8
68	4.8	4.9	7.3#



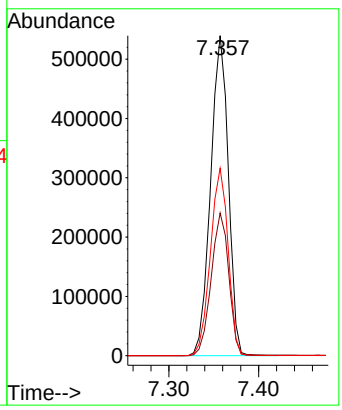


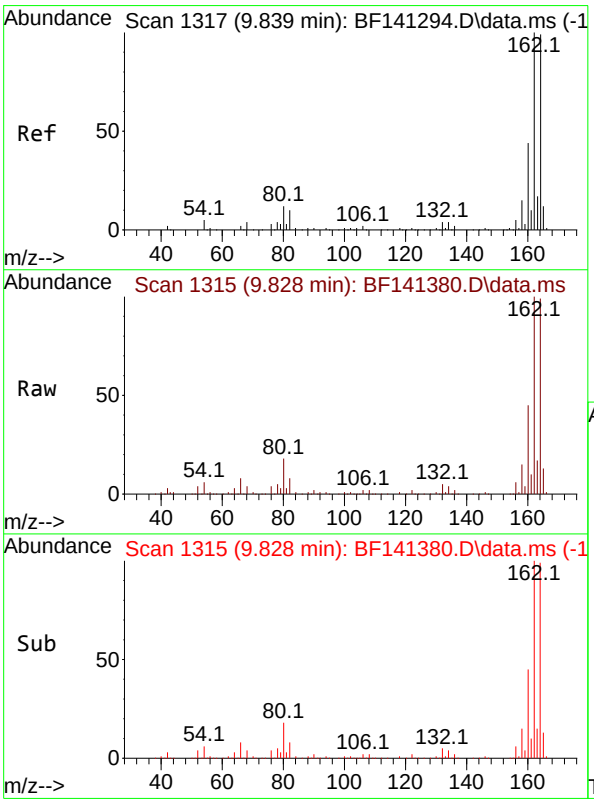
#23
Nitrobenzene-d5
Concen: 107.475 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion: 82 Resp: 739340

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.5	47.1	70.7

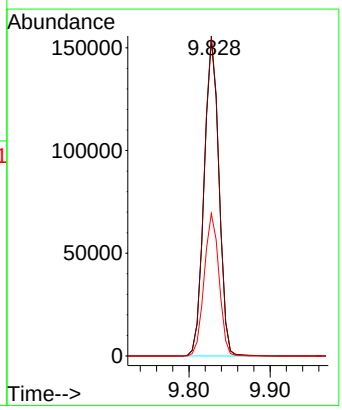


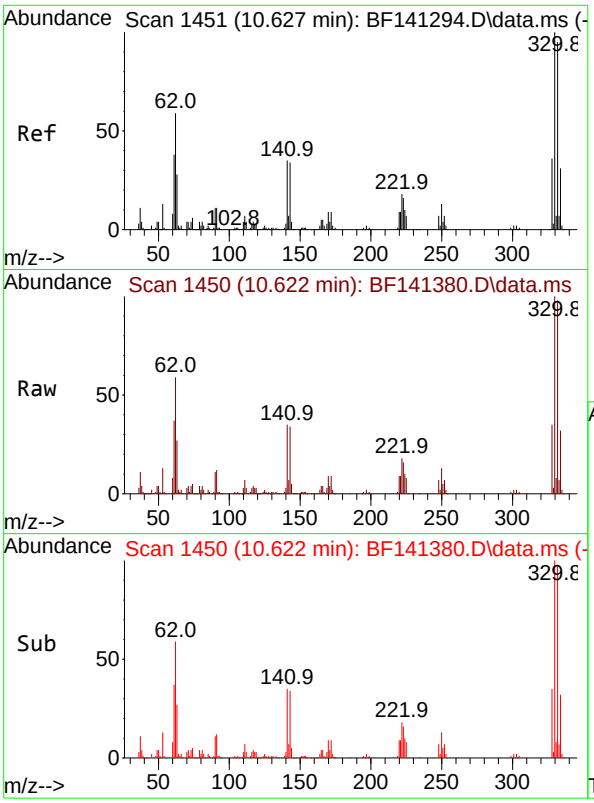


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:164 Resp: 194869

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	45.0	35.8	53.6



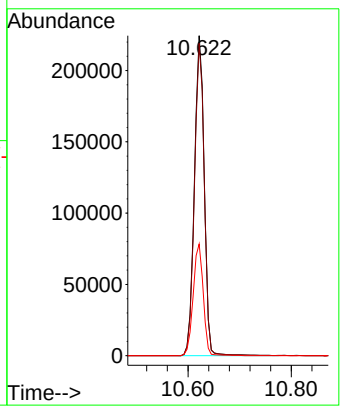


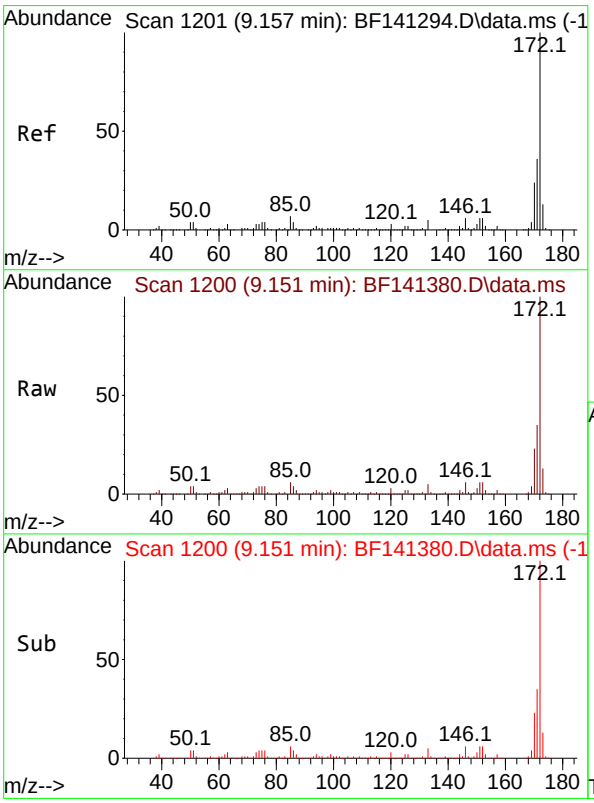
#42
2,4,6-Tribromophenol
Concen: 166.437 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion:330 Resp: 297339

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.1	114.1
141	35.7	28.8	43.2

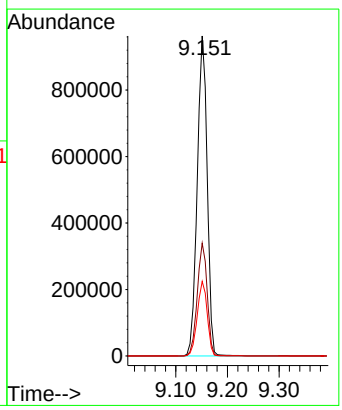


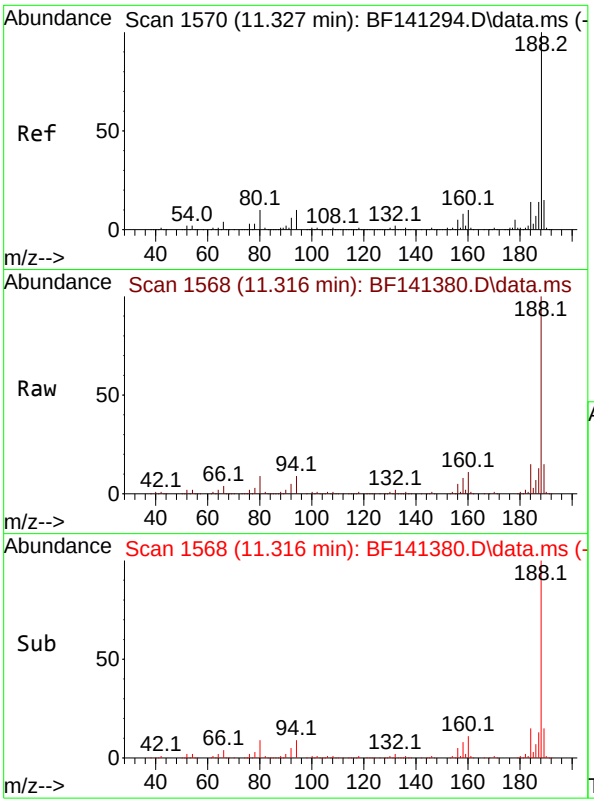


#45
2-Fluorobiphenyl
Concen: 101.896 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:172 Resp: 1290051

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.3	19.0	28.6



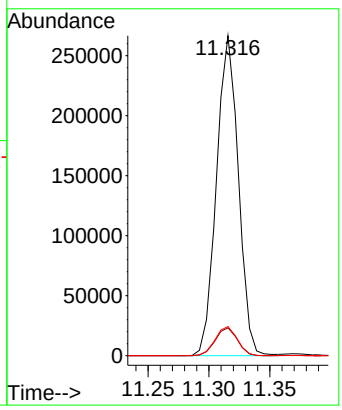


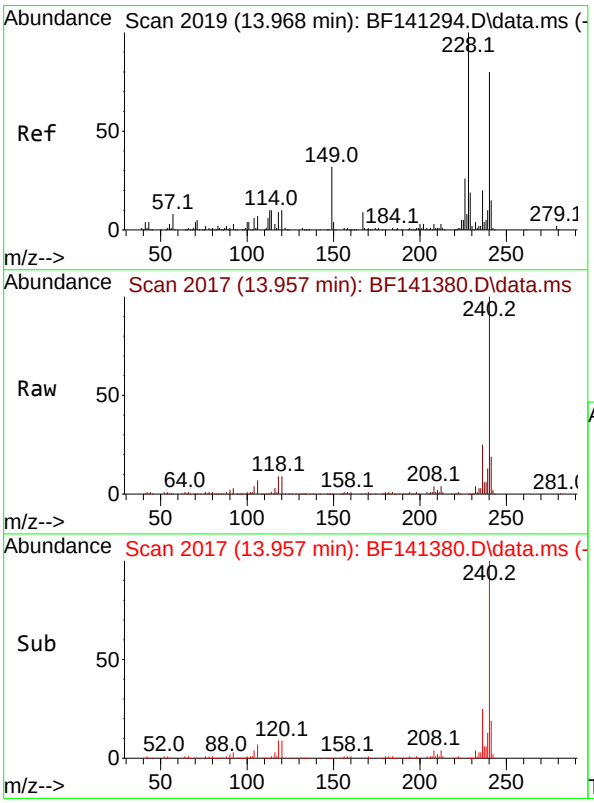
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion:188 Resp: 333909

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.1	8.2	12.4

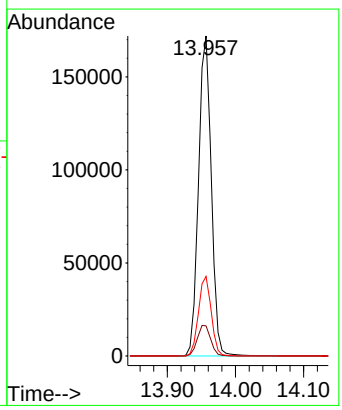


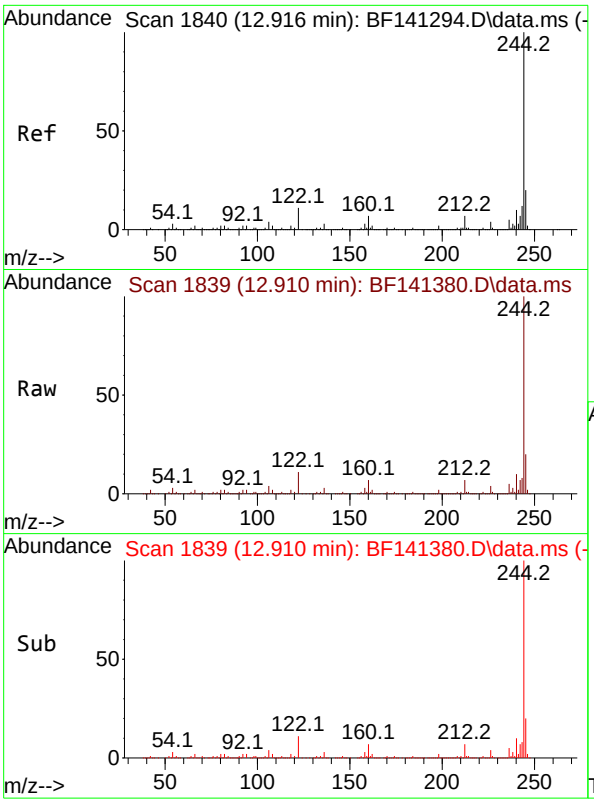


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:240 Resp: 223983

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.0	15.0#
236	24.8	19.7	29.5



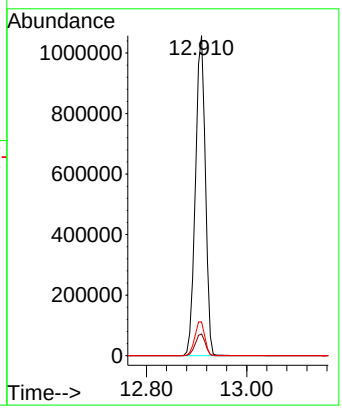


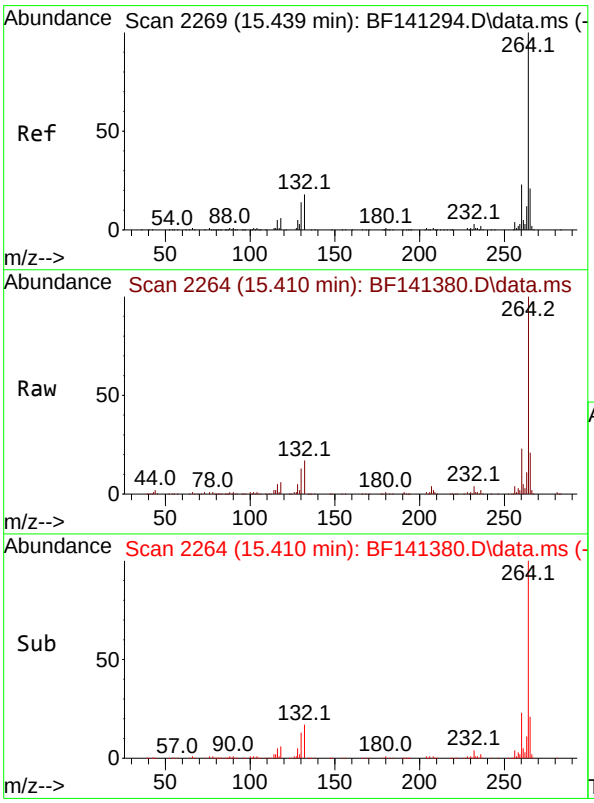
#79
Terphenyl-d14
Concen: 99.537 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Instrument :
BNA_F
ClientSampleId :
JPP-46.2-012925

Tgt Ion:244 Resp: 1445644

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.030 min
Lab File: BF141380.D
Acq: 03 Feb 2025 20:24

Tgt Ion:264 Resp: 156310

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.3	16.7	25.1