Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141381.D
Acq On : 03 Feb 2025 20:51
Operator : RC/JU
Sample : Q1232-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Quant Time: Feb 04 00:19:20 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	86900	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	344884	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	192037	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	317485	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	222096	20.000	ng	-0.02
86) Perylene-d12	15.415	264	159639	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	772200	136.419	ng	0.02
7) Phenol-d6	6.440	99	931469	129.355	ng	0.00
23) Nitrobenzene-d5	7.357	82	691440	105.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	287914	163.538	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1245472	99.825	ng	-0.01
79) Terphenyl-d14	12.910	244	1418553	98.501	ng	0.00
Target Compounds						Qvalue

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

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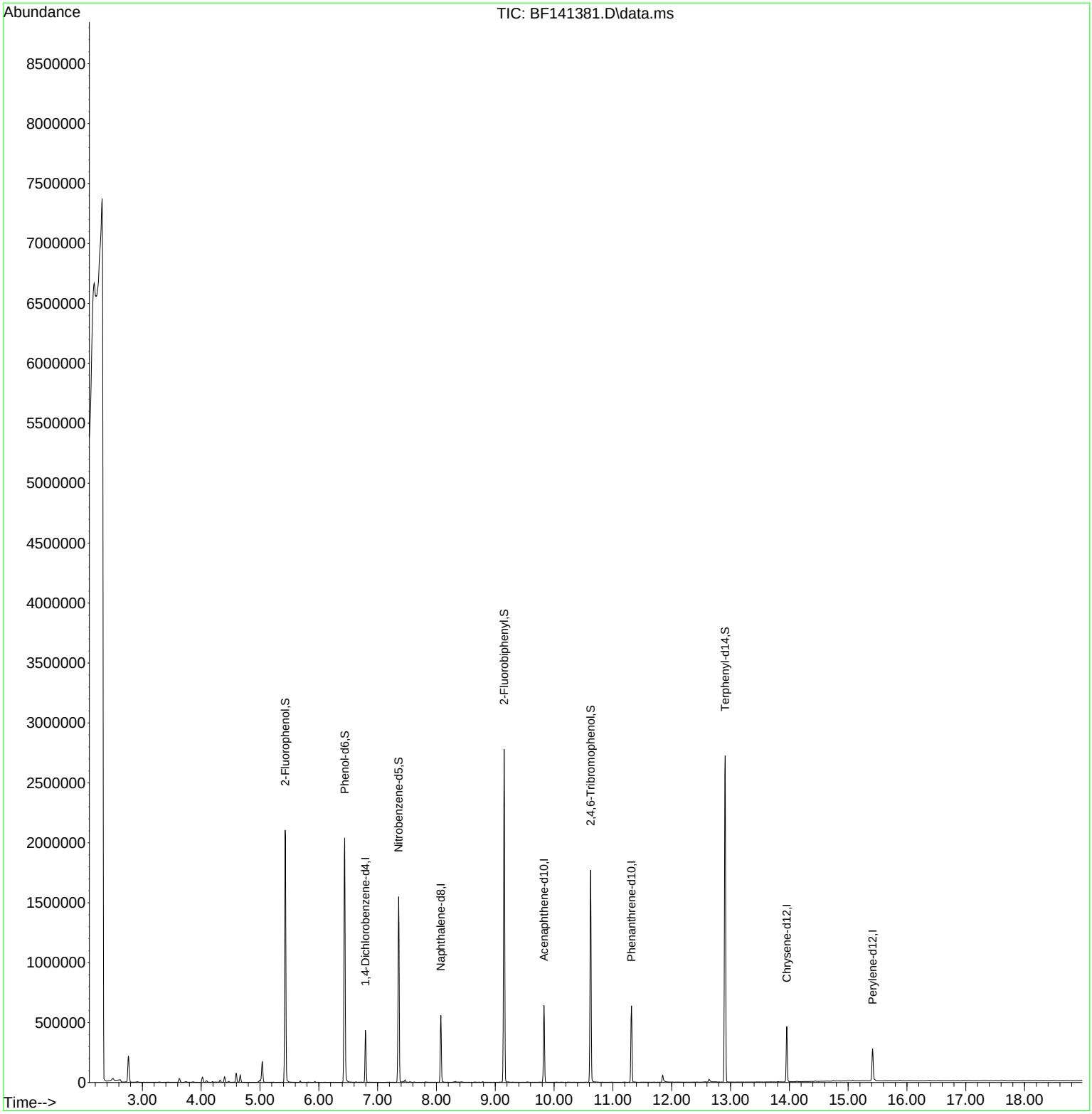
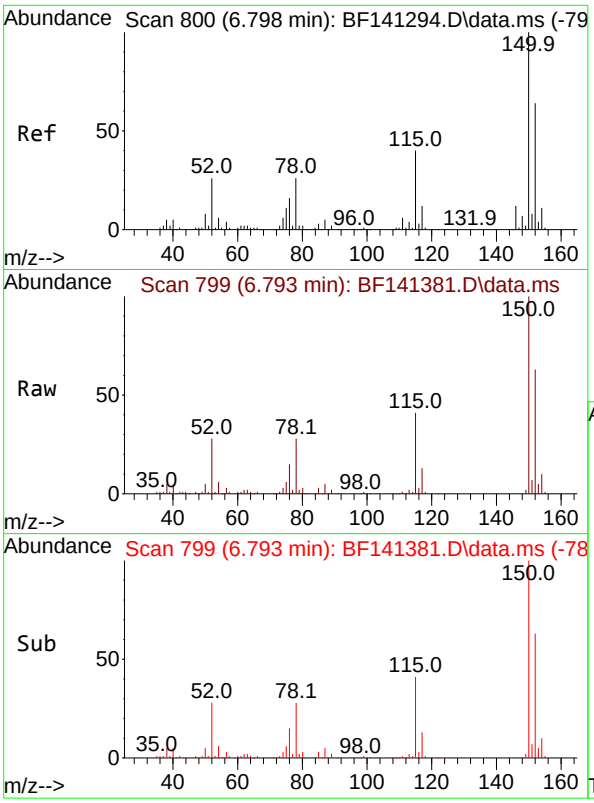


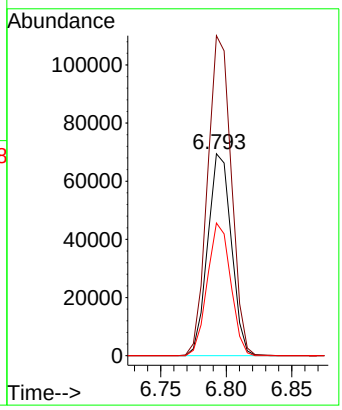


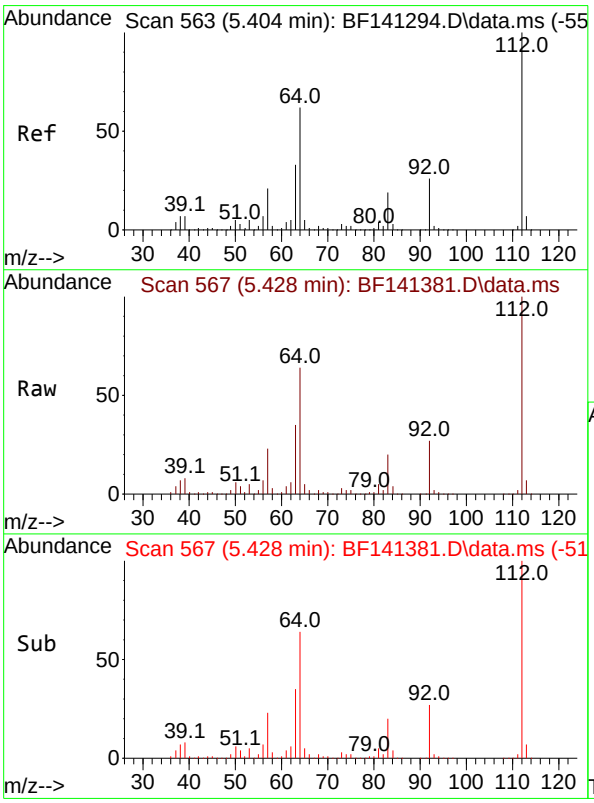
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:152 Resp: 86900

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	65.7	49.7	74.5

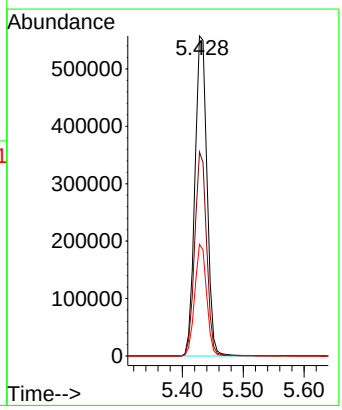


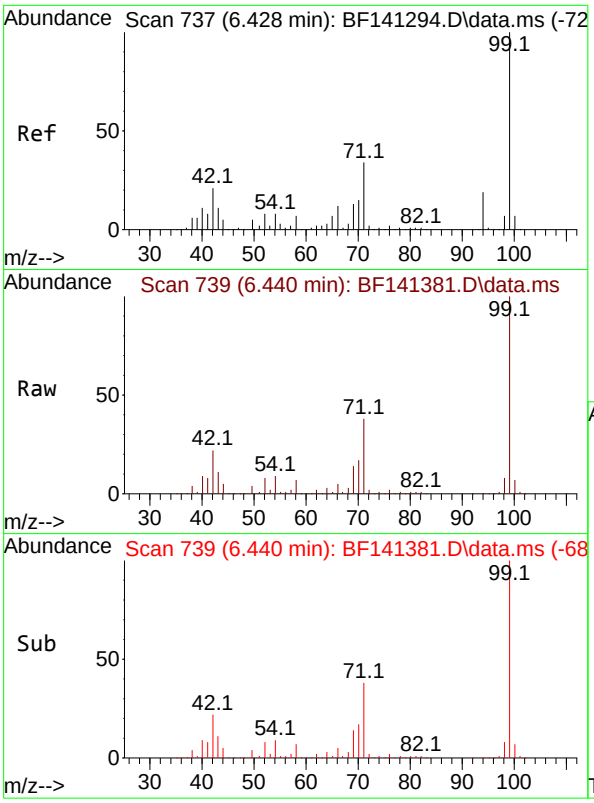


#5
2-Fluorophenol
Concen: 136.419 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:112 Resp: 772200

Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.8	74.8
63	34.9	26.1	39.1



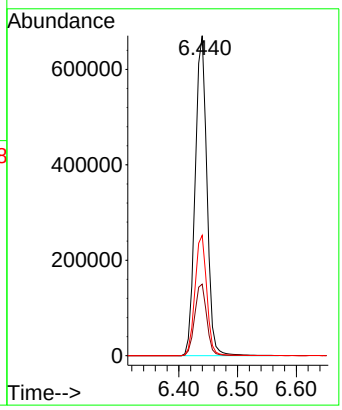


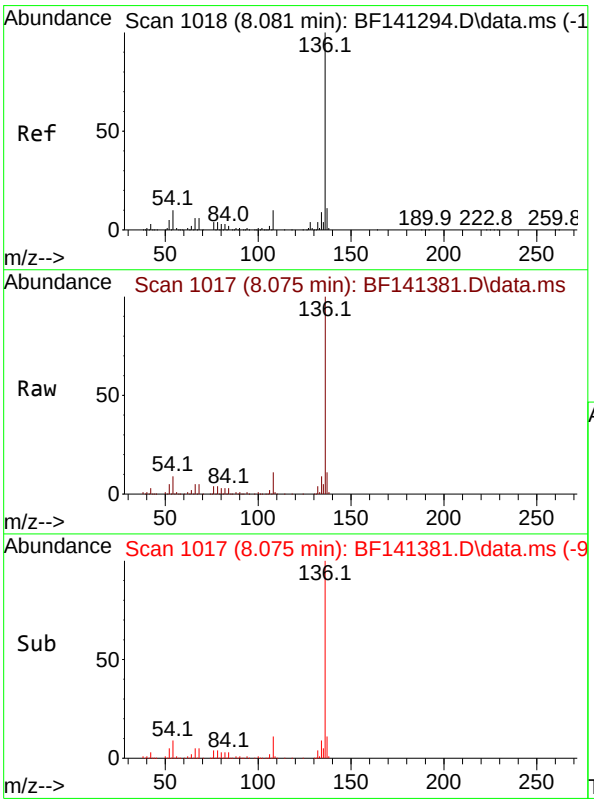
#7
Phenol-d6
Concen: 129.355 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion: 99 Resp: 931469

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.1	25.7
71	37.6	26.9	40.3

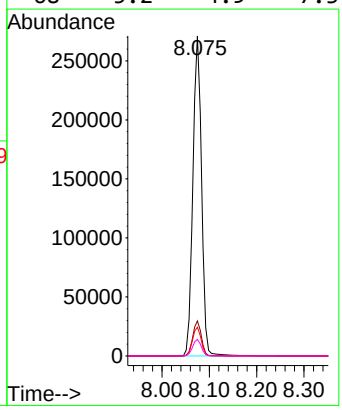


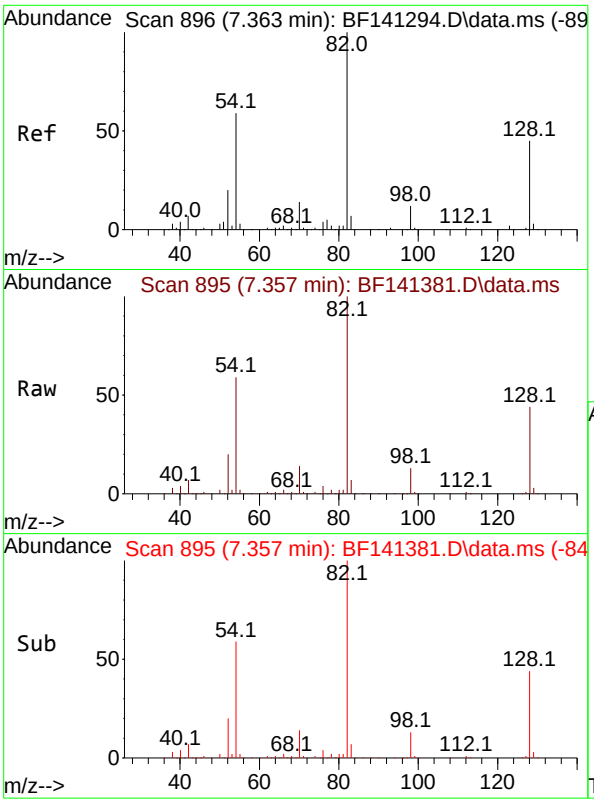


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:136 Resp: 344884

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	7.8	11.8
68	5.2	4.9	7.3



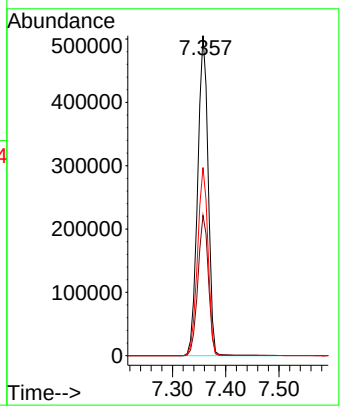


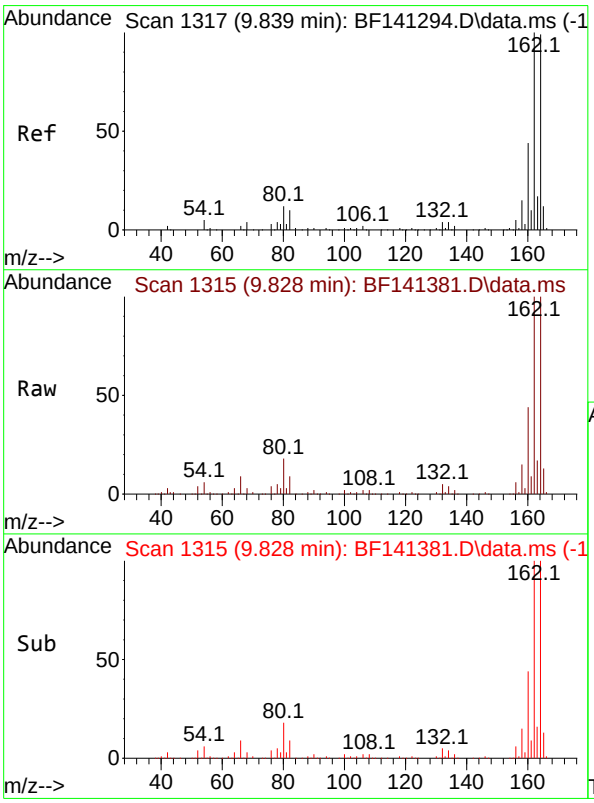
#23
Nitrobenzene-d5
Concen: 105.689 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion: 82 Resp: 691440

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	58.8	47.1	70.7

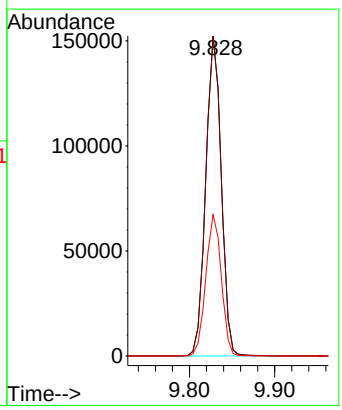


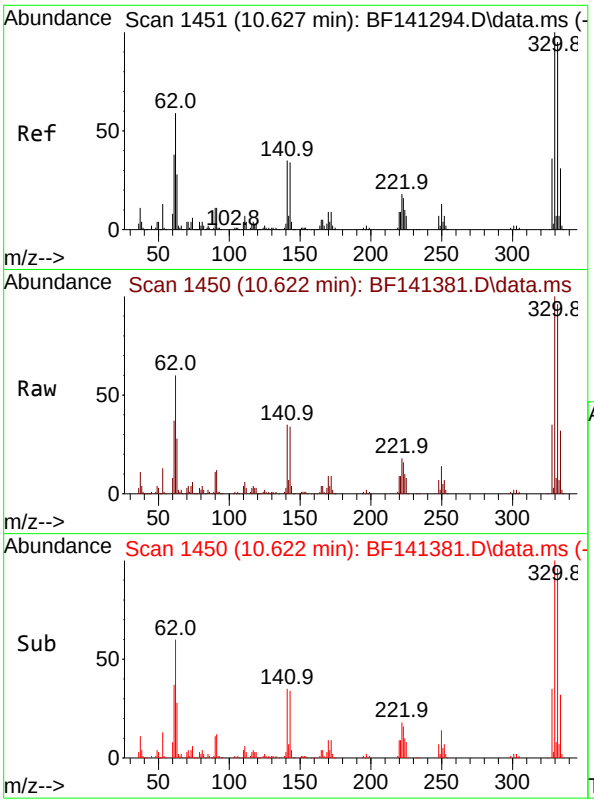


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:164 Resp: 192037

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	121.0
160	44.2	35.8	53.6



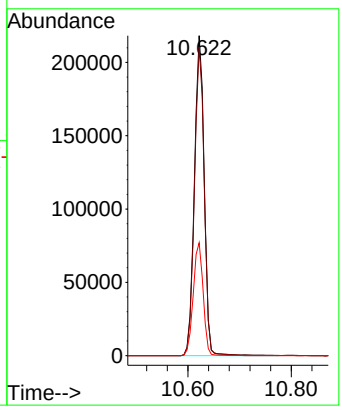


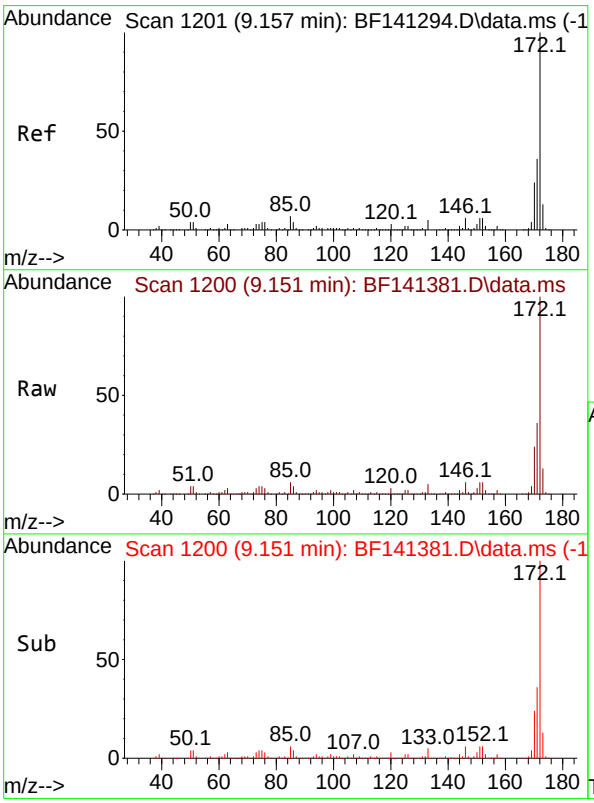
#42
2,4,6-Tribromophenol
Concen: 163.538 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:330 Resp: 287914

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	35.7	28.8	43.2

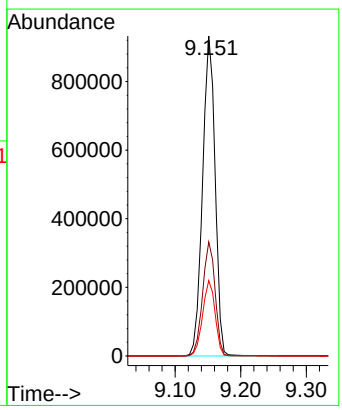


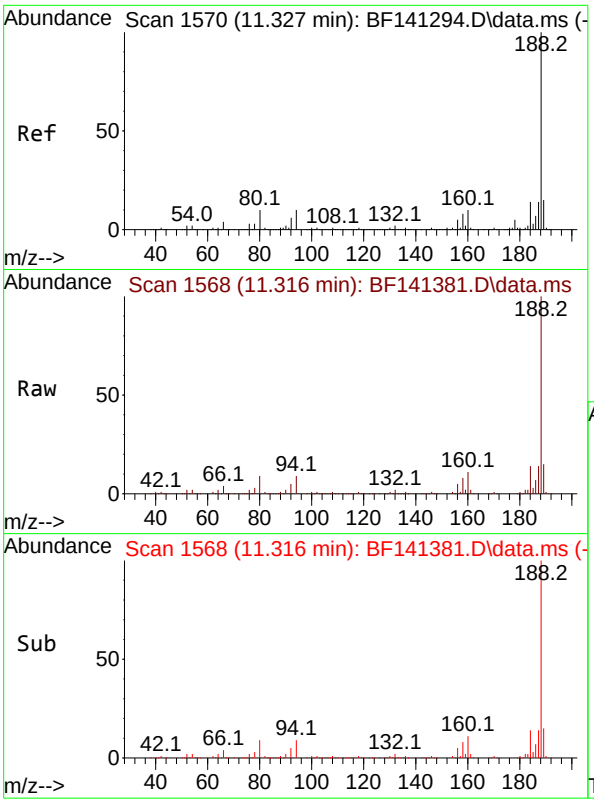


#45
2-Fluorobiphenyl
Concen: 99.825 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:172 Resp: 1245472

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.6	19.0	28.6



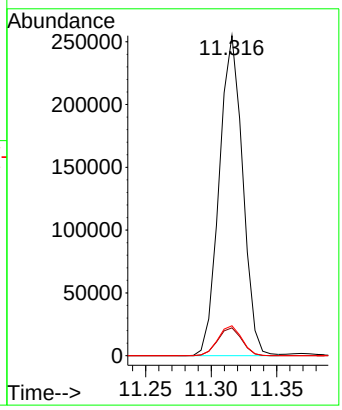


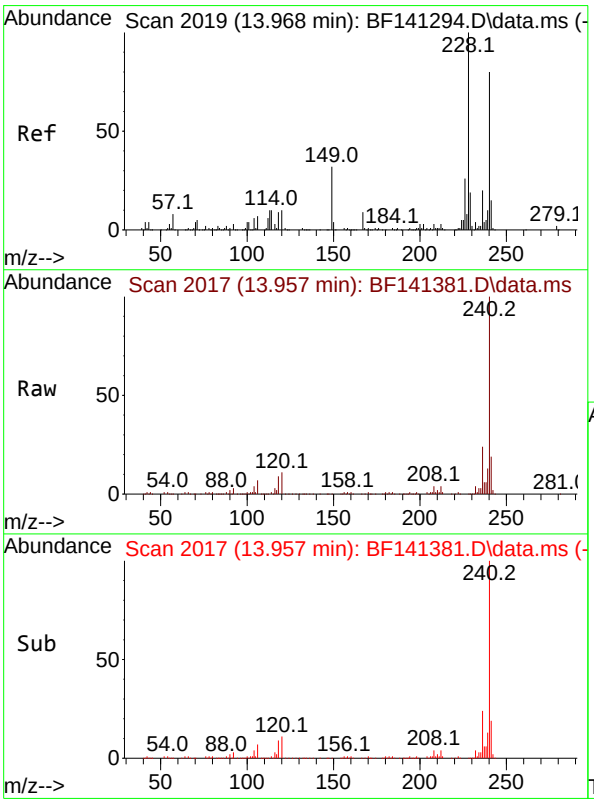
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:188 Resp: 317485

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.4	8.2	12.4

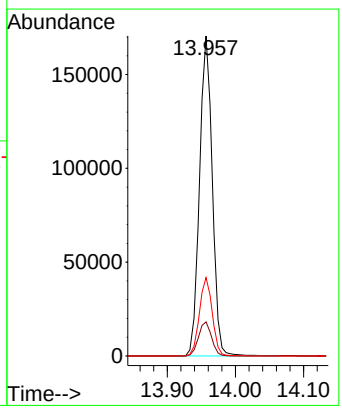


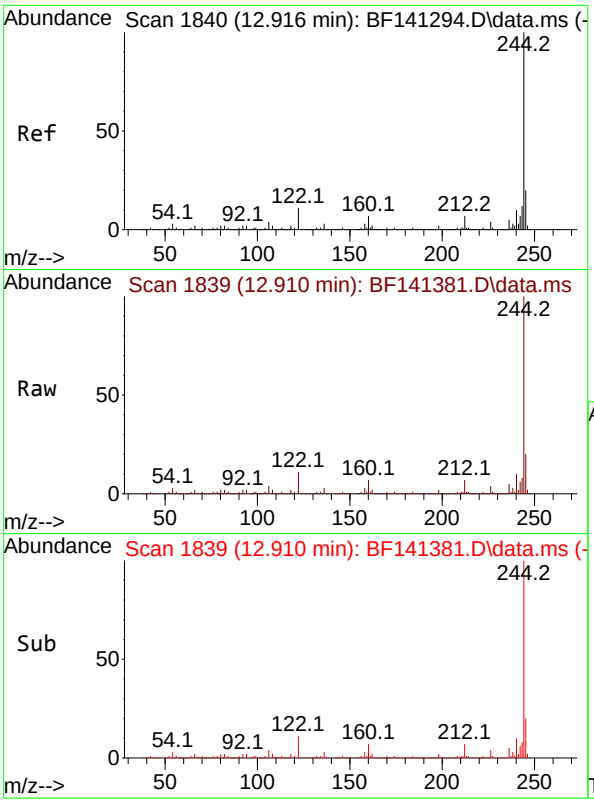


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:240 Resp: 222096

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.0	15.0
236	24.5	19.7	29.5



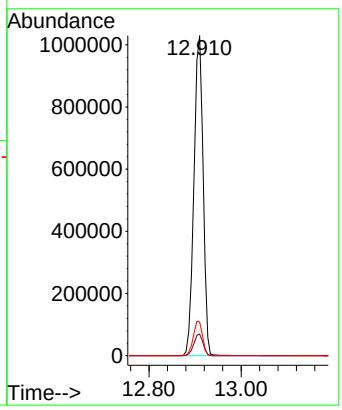


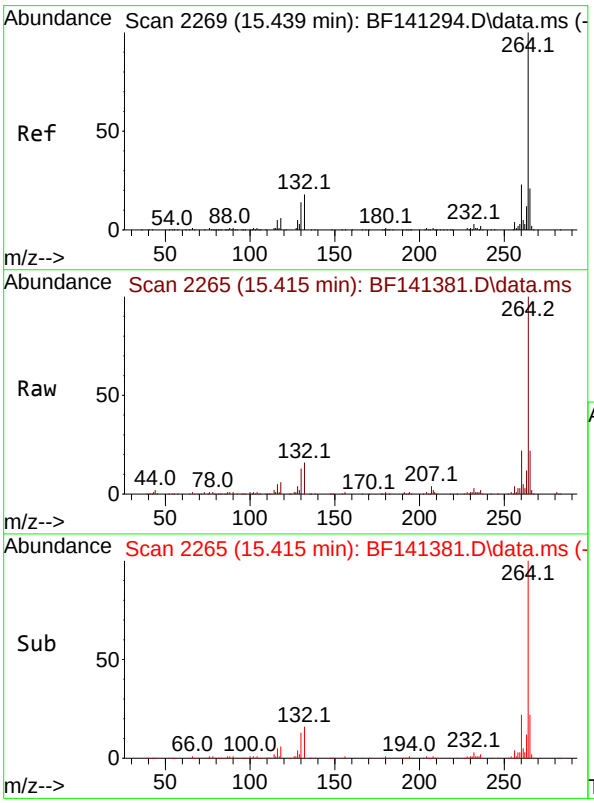
#79
Terphenyl-d14
Concen: 98.501 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Instrument :
BNA_F
ClientSampleId :
JPP-46.1-012925

Tgt Ion:244 Resp: 1418553

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141381.D
Acq: 03 Feb 2025 20:51

Tgt Ion:264 Resp: 159639

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.6	16.7	25.1