Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
Data File : BF126837.D
Acq On : 10 Feb 2022 12:11
Operator : CG\JU
Sample : N1400-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Quant Time: Feb 10 12:47:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 10 00:44:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	110879	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	445337	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	194747	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	407454	20.000	ng	0.00
76) Chrysene-d12	14.115	240	242258	20.000	ng	0.00
86) Perylene-d12	15.621	264	30079	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	928259	128.897	ng	0.02
7) Phenol-d6	6.563	99	1041331	107.111	ng	0.00
23) Nitrobenzene-d5	7.504	82	938744	97.260	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	373096	178.701	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1375637	106.329	ng	0.00
79) Terphenyl-d14	13.063	244	1627315	96.297	ng	0.00
Target Compounds						Qvalue

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

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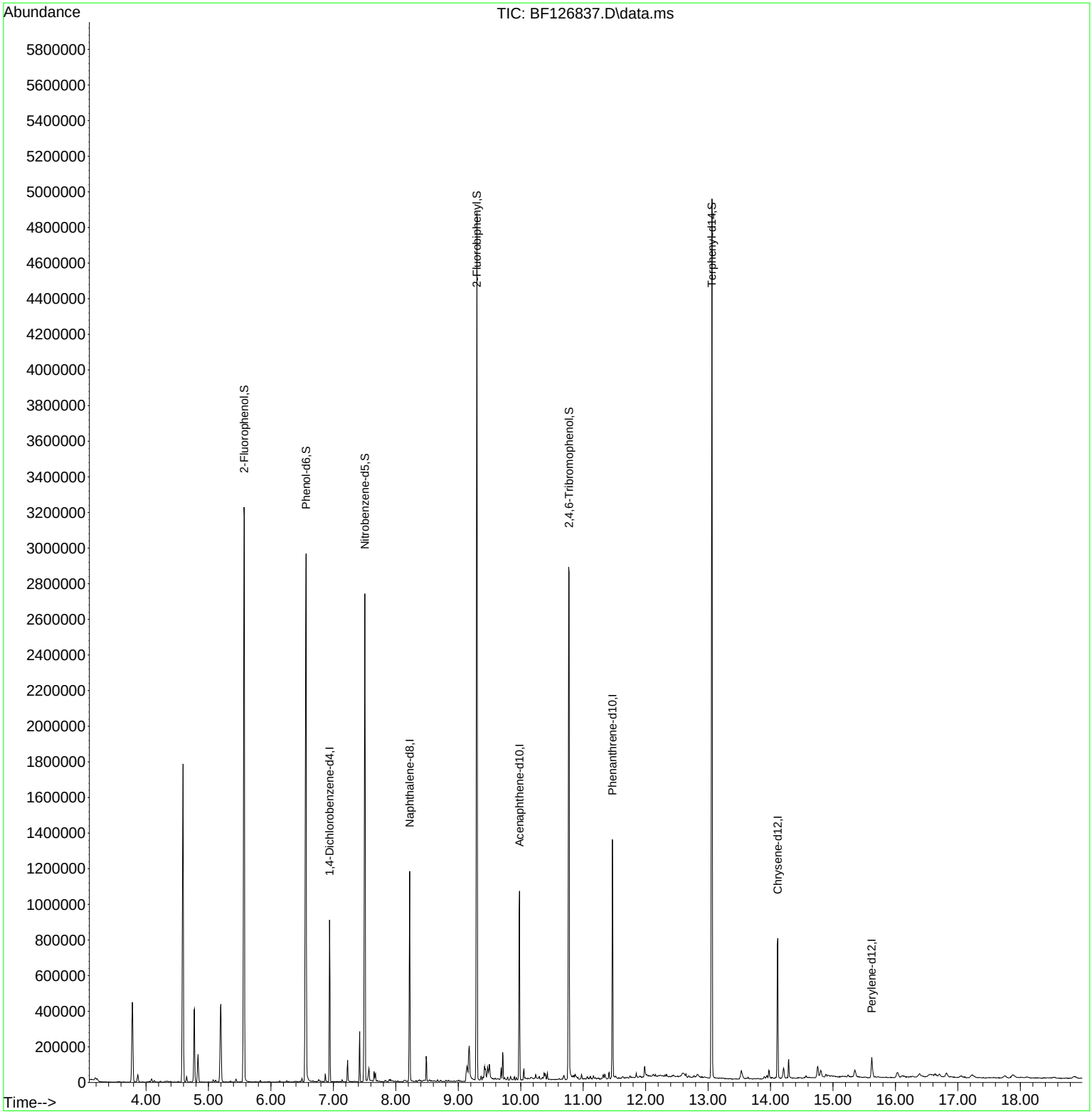
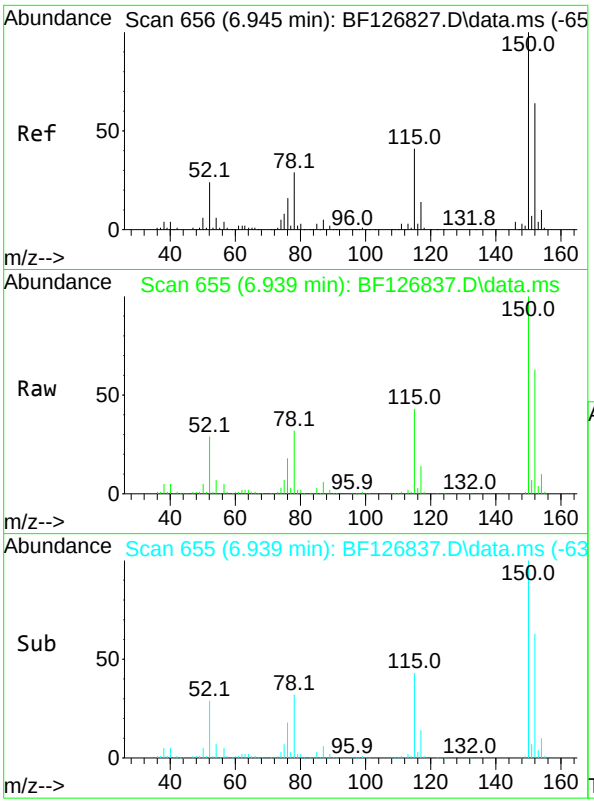


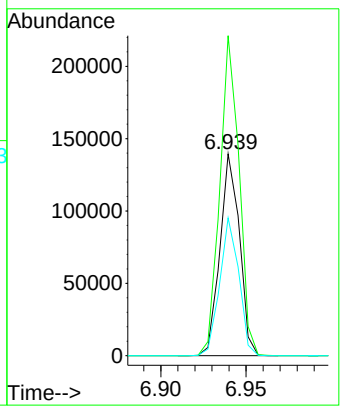


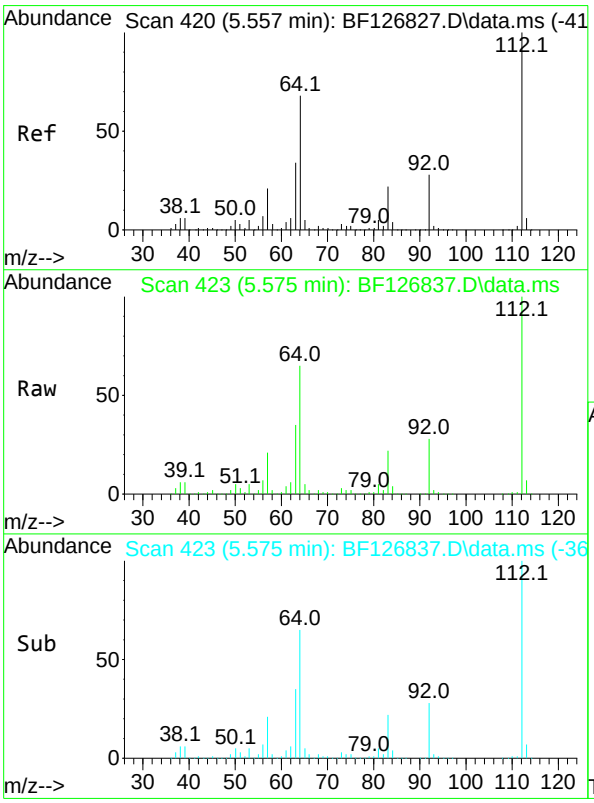
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 6
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion:152 Resp: 110879

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.3	186.5
115	68.2	50.5	75.7

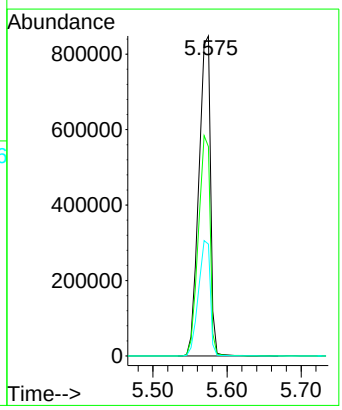


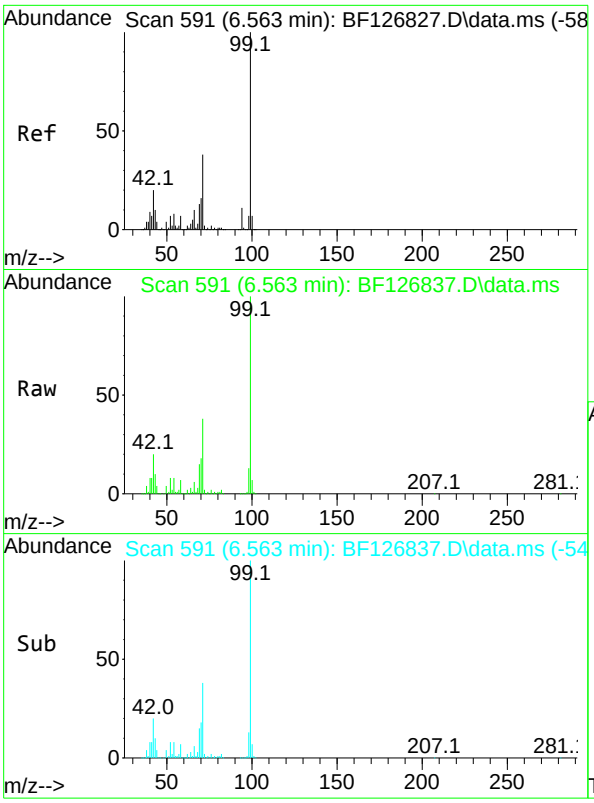


#5
2-Fluorophenol
Concen: 128.897 ng
RT: 5.575 min Scan# 423
Delta R.T. 0.018 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:112 Resp: 928259

Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.3	81.5
63	34.9	27.5	41.3



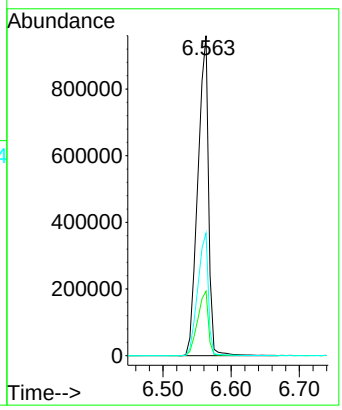


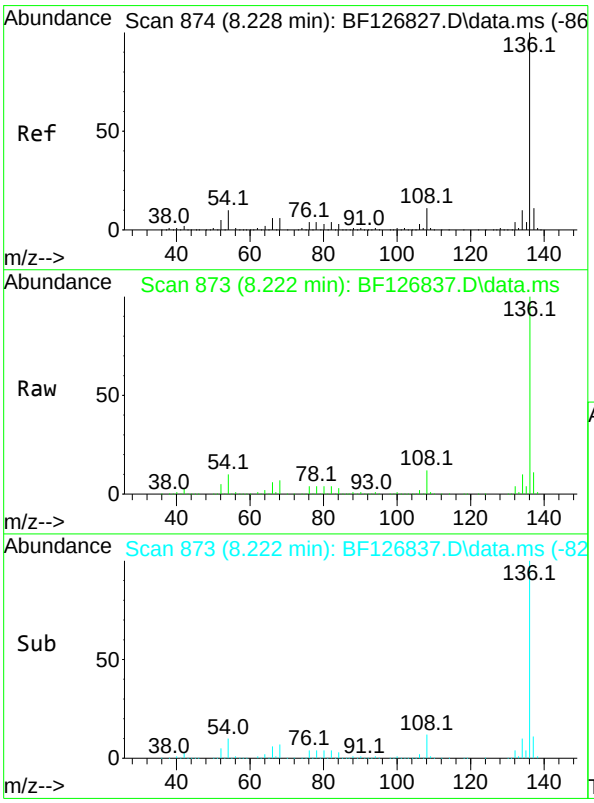
#7
Phenol-d6
Concen: 107.111 ng
RT: 6.563 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 99 Resp: 1041331

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	38.3	30.6	45.8

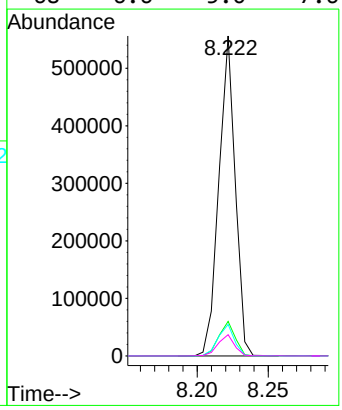


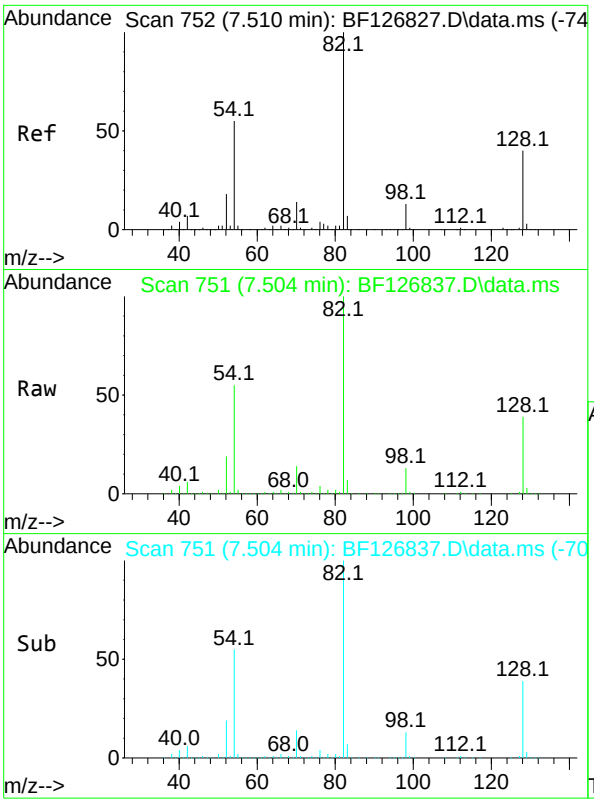


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:136 Resp: 445337

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.0	12.0
68	6.6	5.0	7.6



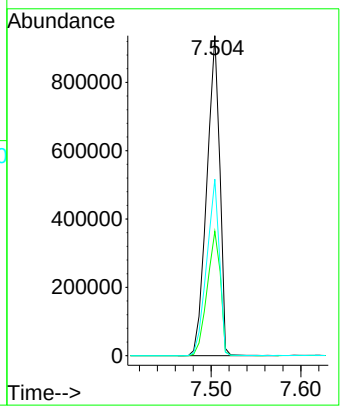


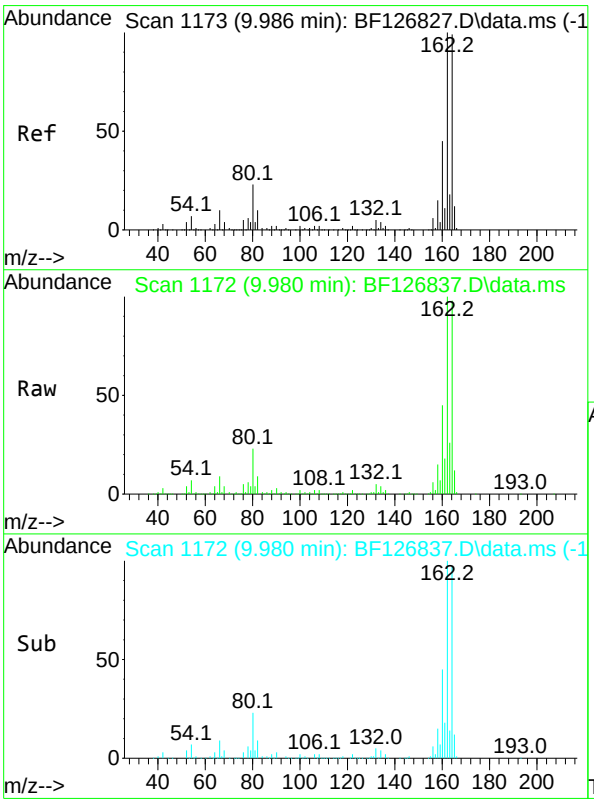
#23
Nitrobenzene-d5
Concen: 97.260 ng
RT: 7.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 82 Resp: 938744

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.6	47.4
54	55.2	43.7	65.5

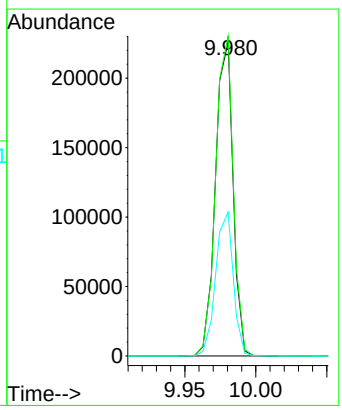


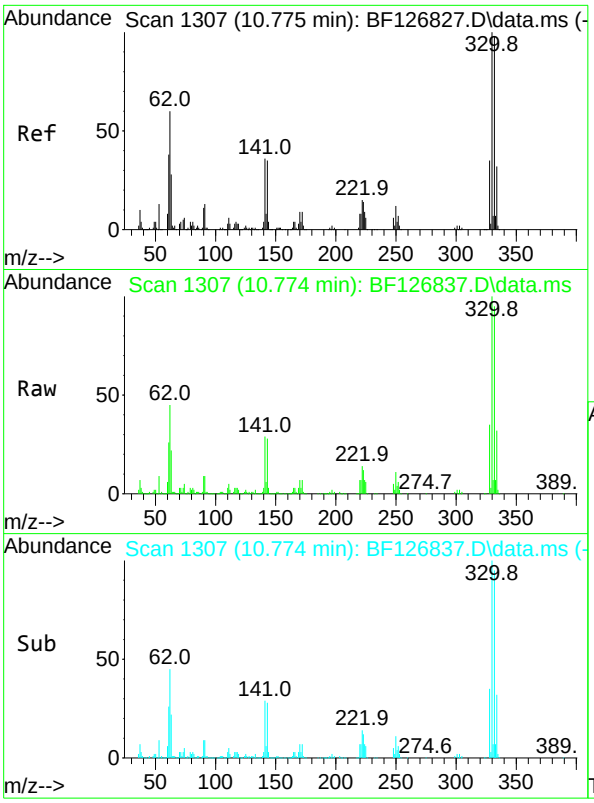


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:164 Resp: 194747

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.9	121.3
160	45.8	36.0	54.0



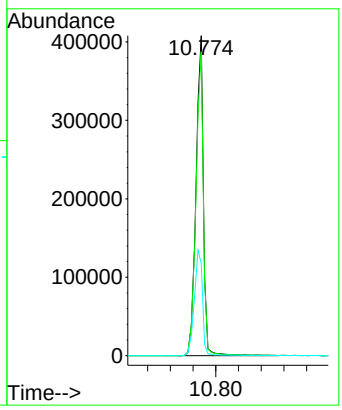


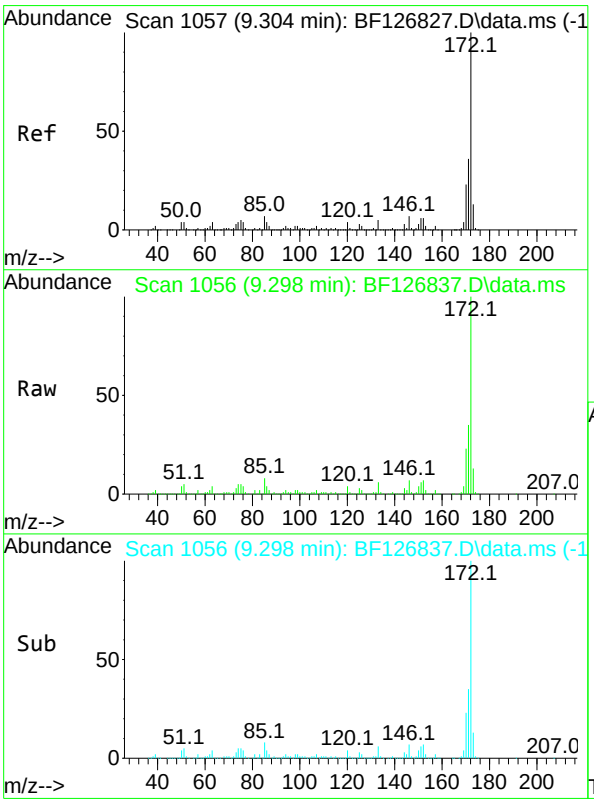
#42
2,4,6-Tribromophenol
Concen: 178.701 ng
RT: 10.774 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion:330 Resp: 373096

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	36.3	31.2	46.8

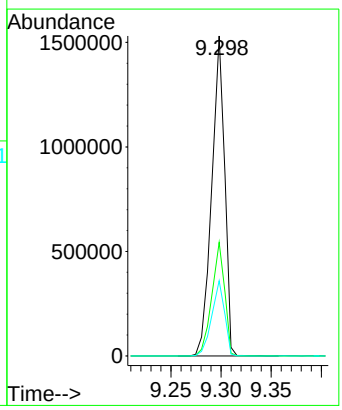


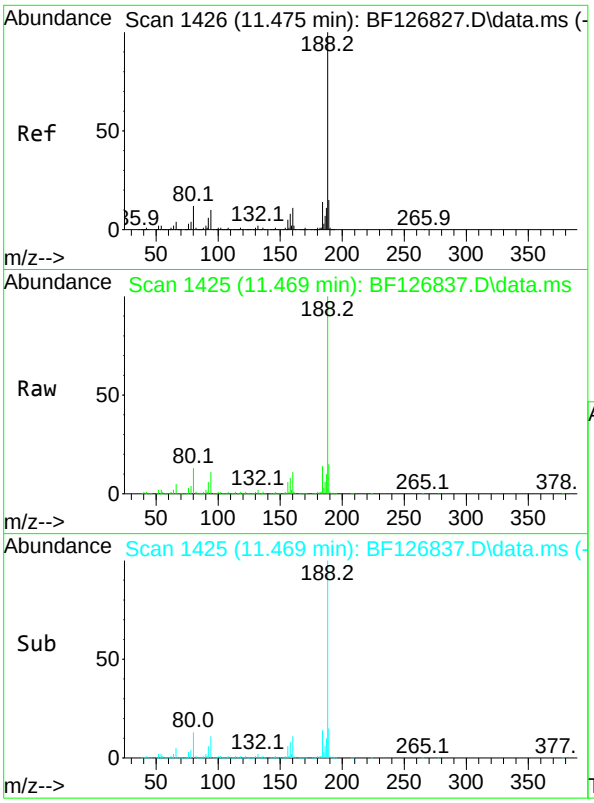


#45
2-Fluorobiphenyl
Concen: 106.329 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:172 Resp: 1375637

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.7	28.1



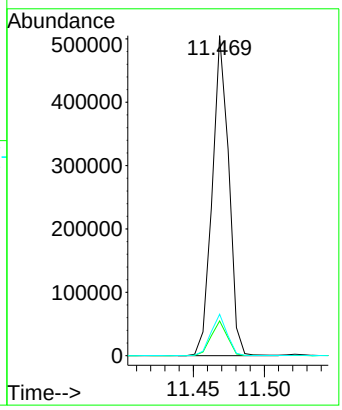


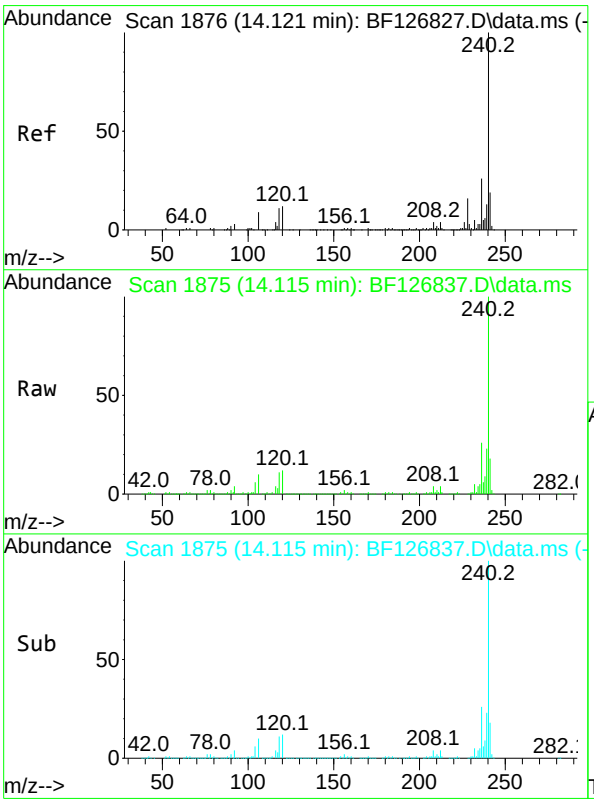
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion:188 Resp: 407454

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	13.0	9.5	14.3

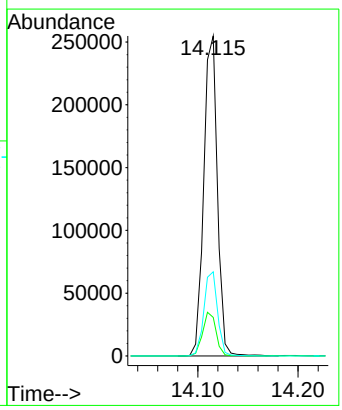


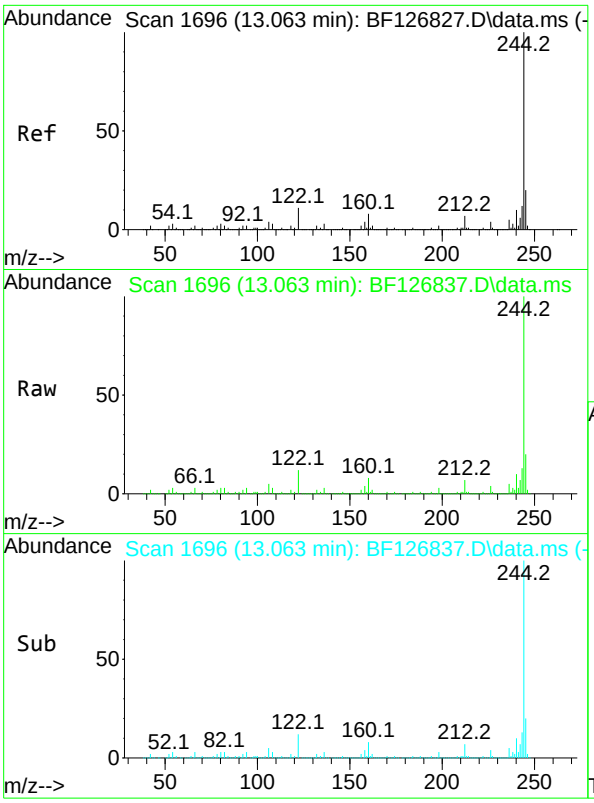


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:240 Resp: 242258

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.8	14.6
236	26.3	20.5	30.7



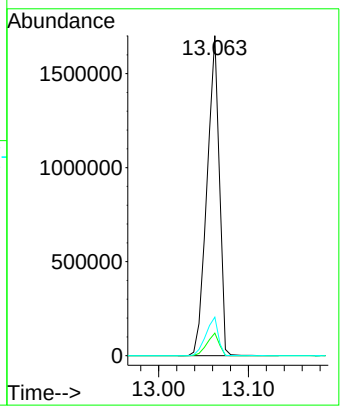


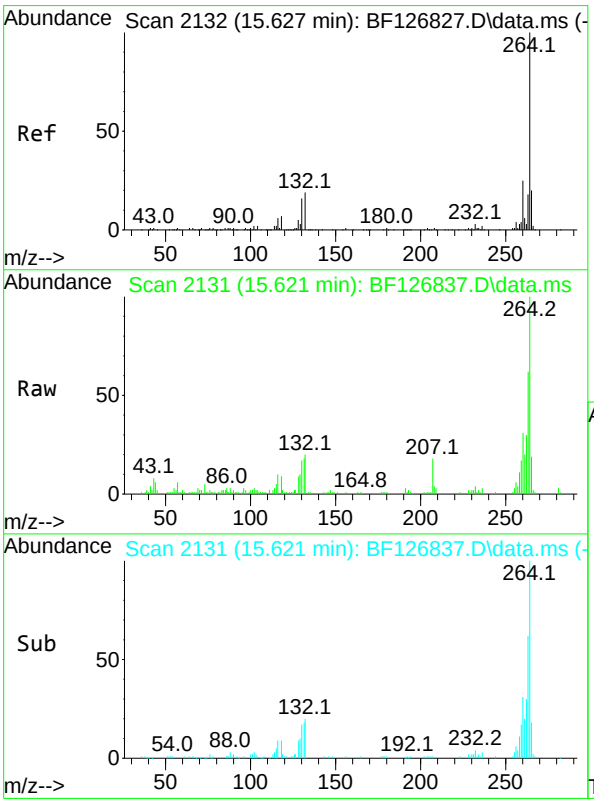
#79
Terphenyl-d14
Concen: 96.297 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion:244 Resp: 1627315

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.0	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:264 Resp: 30079

Ion	Ratio	Lower	Upper
264	100		
260	31.3	19.6	29.4#
265	18.9	15.9	23.9