Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137871.D
Acq On : 09 May 2024 18:59
Operator : CG\JU
Sample : P2413-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-EE

Quant Time: May 10 01:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	167154	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	661363	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	377282	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	625158	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	346490	20.000	ng	-0.01
86) Perylene-d12	15.810	264	298791	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1116977	111.881	ng	0.01
7) Phenol-d6	6.663	99	1297020	102.424	ng	-0.01
23) Nitrobenzene-d5	7.610	82	928376	81.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	483356	125.477	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1916972	82.432	ng	-0.01
79) Terphenyl-d14	13.180	244	2031218	98.244	ng	0.00
Target Compounds						Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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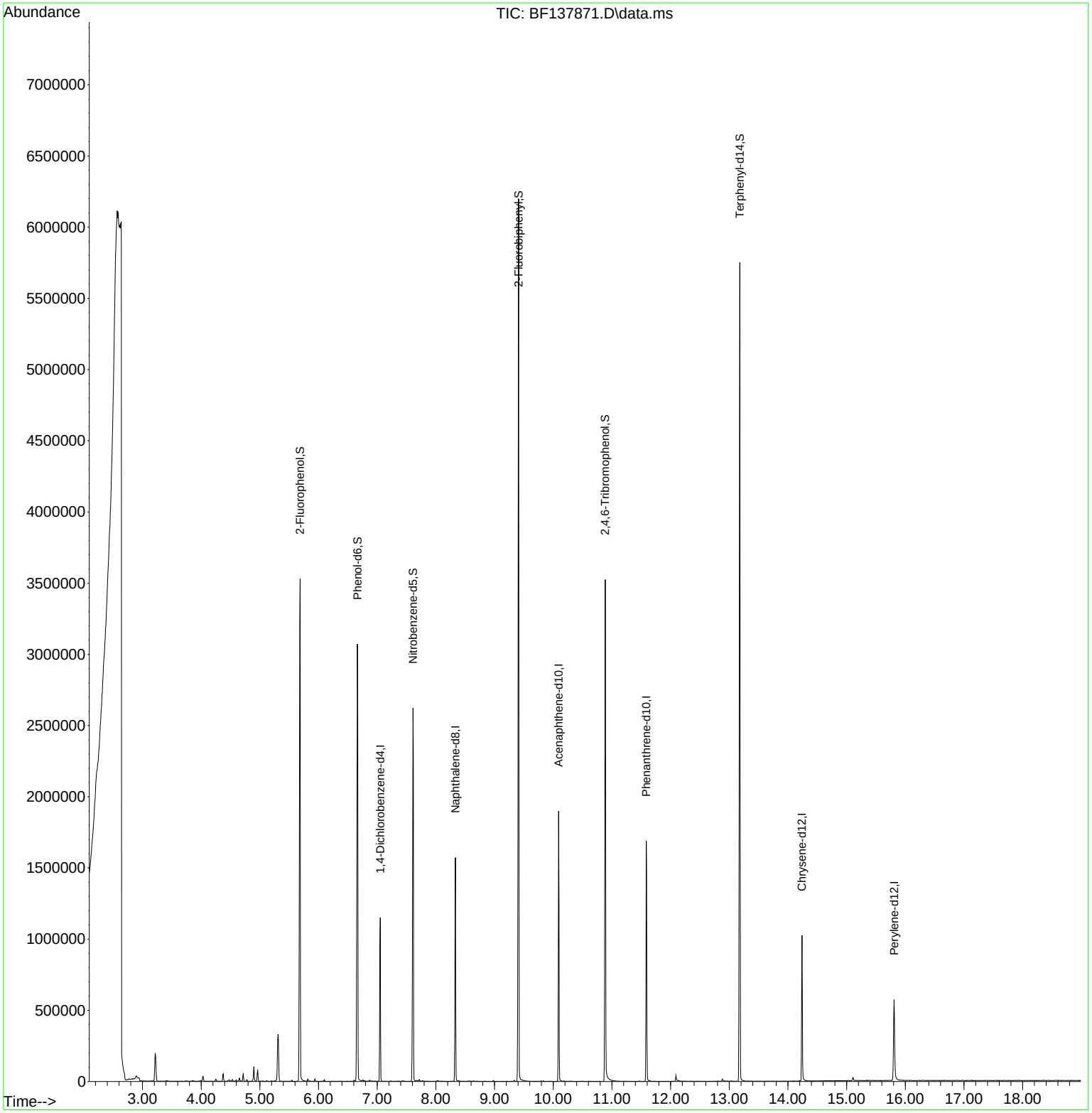
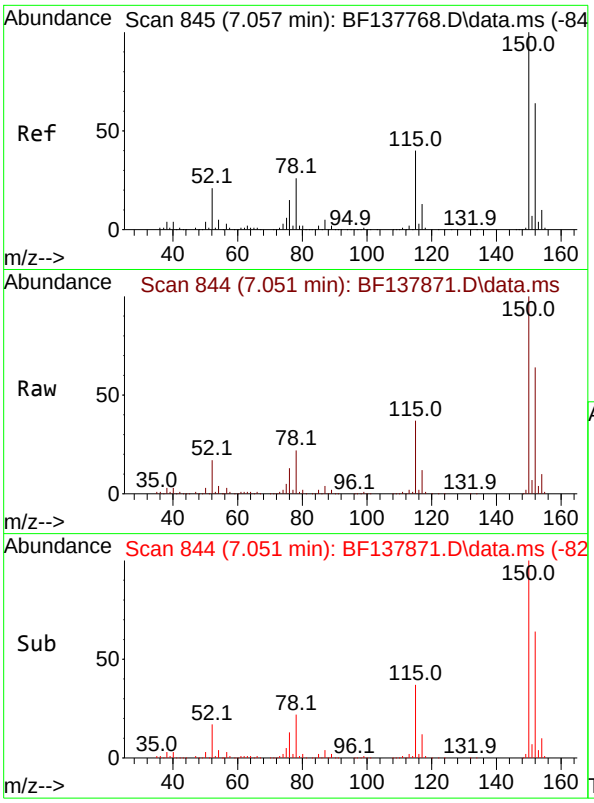


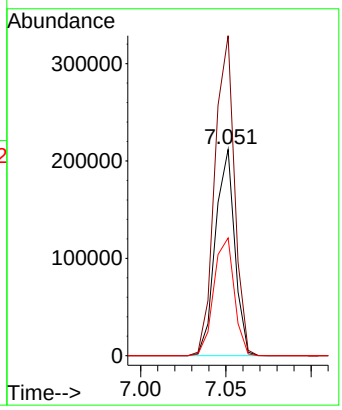


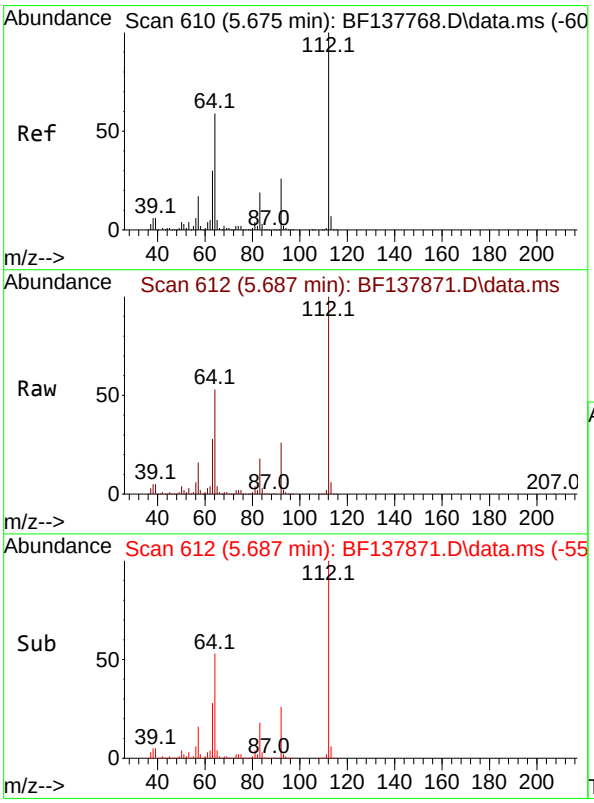
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion:152 Resp: 167154

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	57.1	49.1	73.7

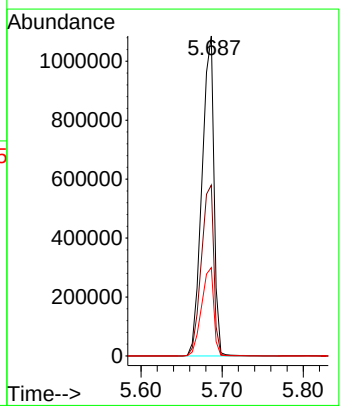


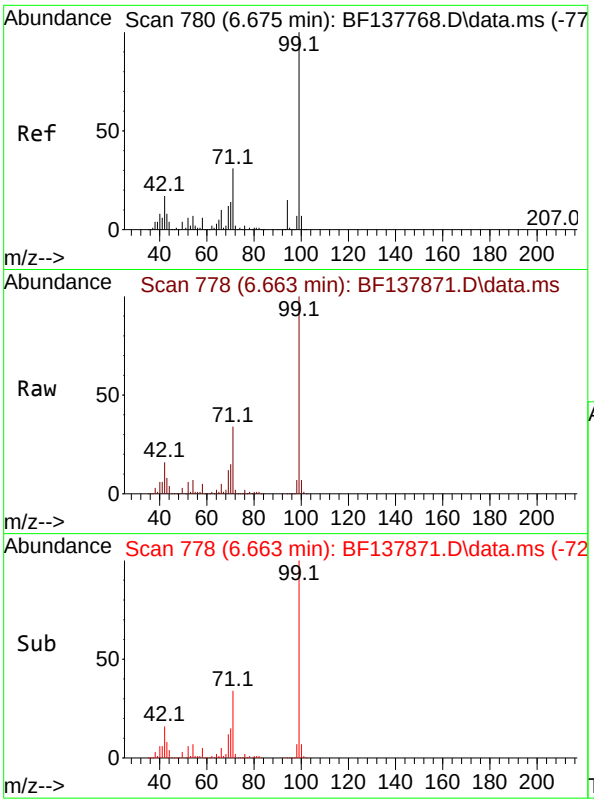


#5
2-Fluorophenol
Concen: 111.881 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:112 Resp: 1116977

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.3	70.9
63	27.6	23.7	35.5



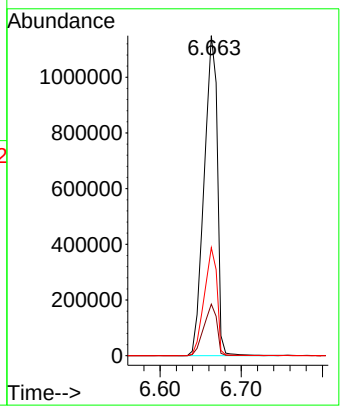


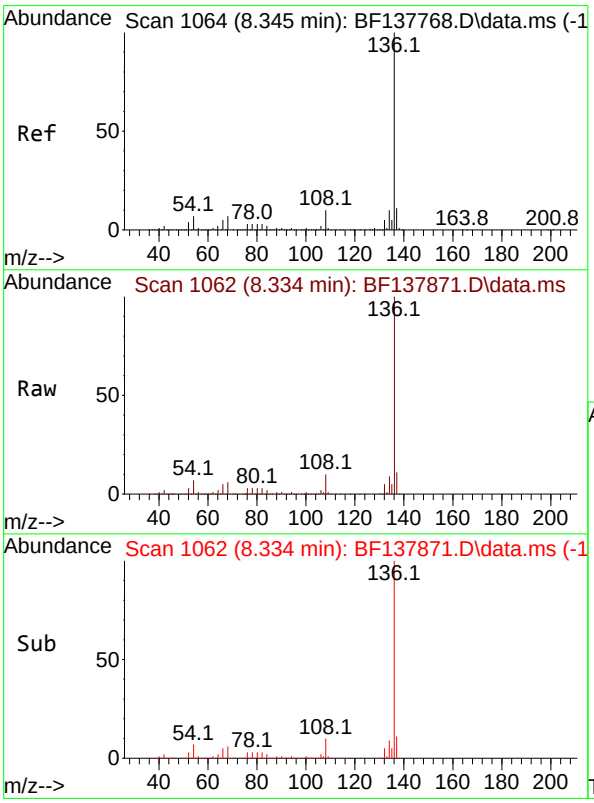
#7
Phenol-d6
Concen: 102.424 ng
RT: 6.663 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion: 99 Resp: 1297020

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.2	19.8
71	33.7	25.0	37.4

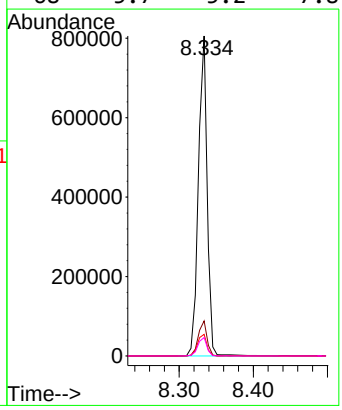


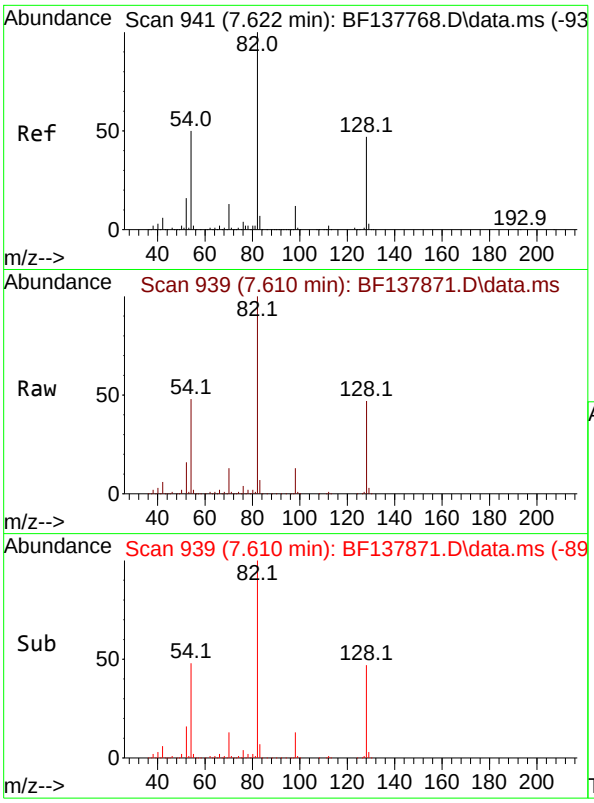


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:136 Resp: 661363

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.8	8.8
68	5.7	5.2	7.8



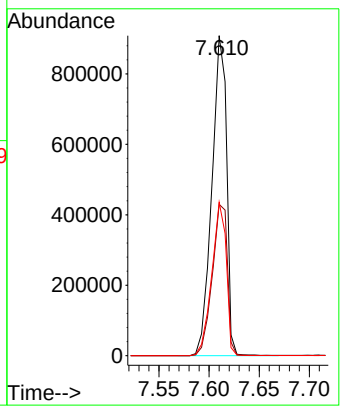


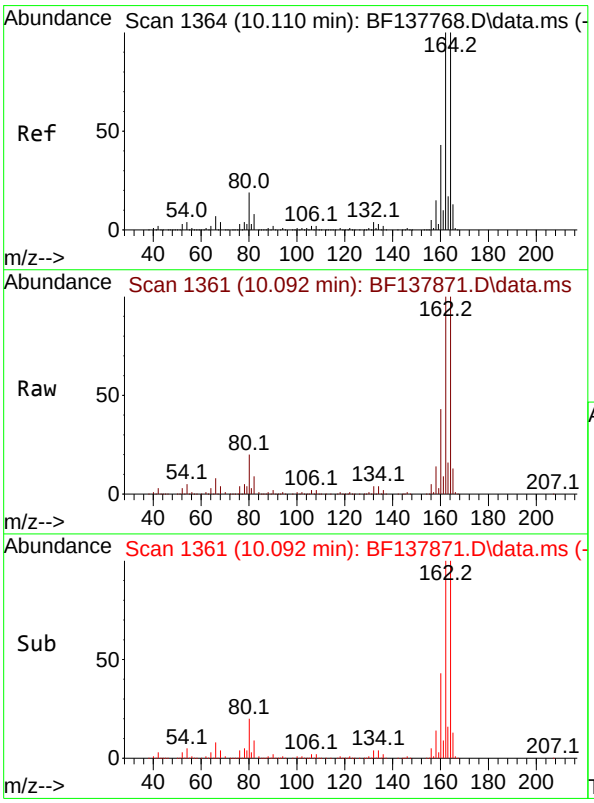
#23
Nitrobenzene-d5
Concen: 81.554 ng
RT: 7.610 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion: 82 Resp: 928376

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	47.9	39.8	59.6

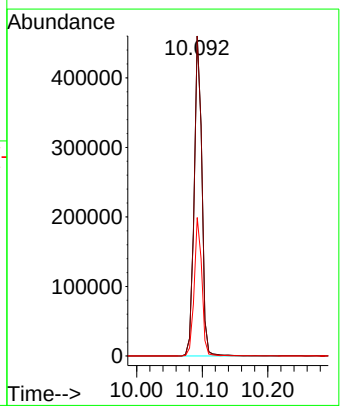


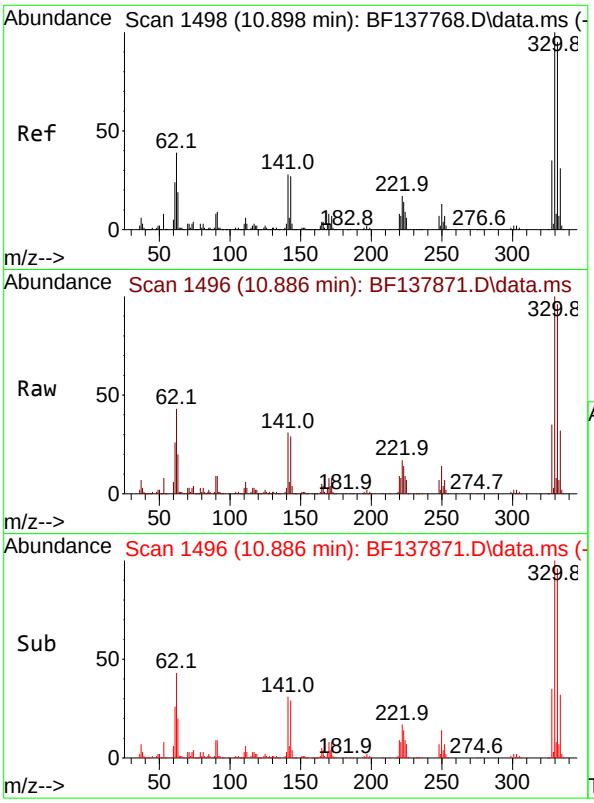


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:164 Resp: 377282

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.8	119.6
160	43.2	34.4	51.6



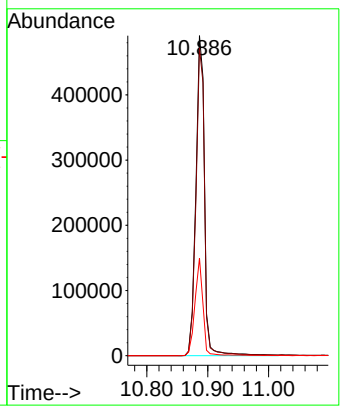


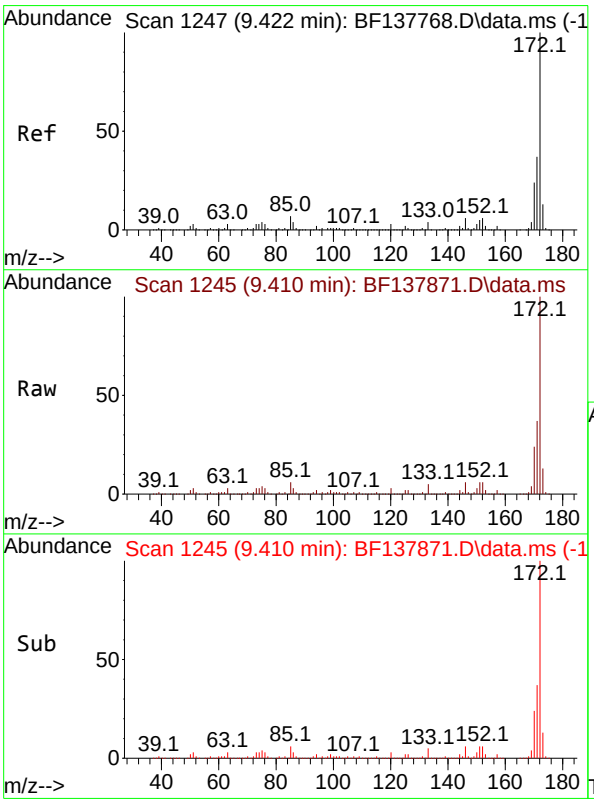
#42
2,4,6-Tribromophenol
Concen: 125.477 ng
RT: 10.886 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion:330 Resp: 483356

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	28.5	23.8	35.6

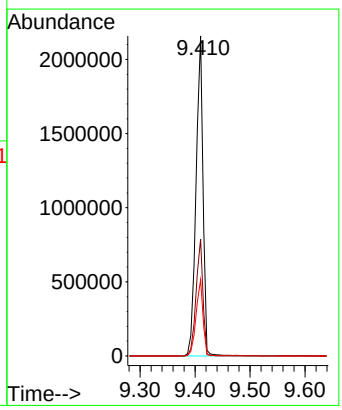


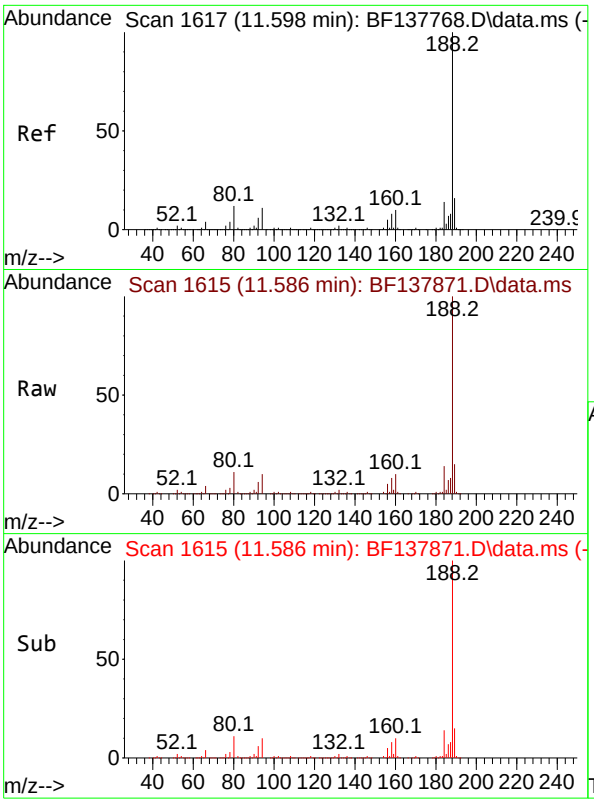


#45
2-Fluorobiphenyl
Concen: 82.432 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:172 Resp: 1916972

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.4	29.2



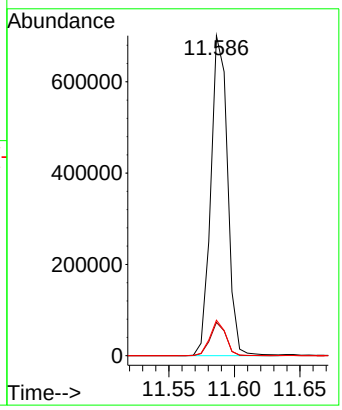


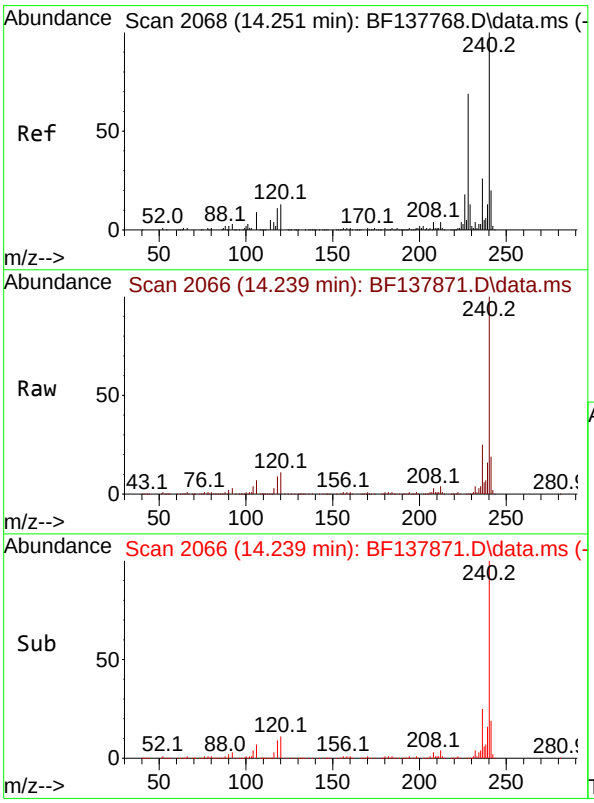
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion:188 Resp: 625158

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.8	13.2
80	11.1	9.6	14.4

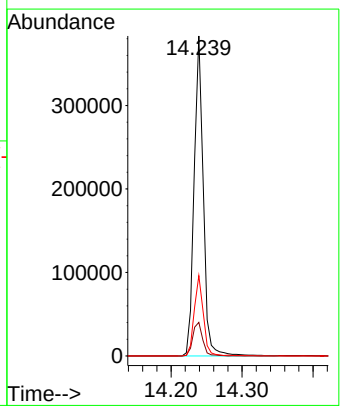


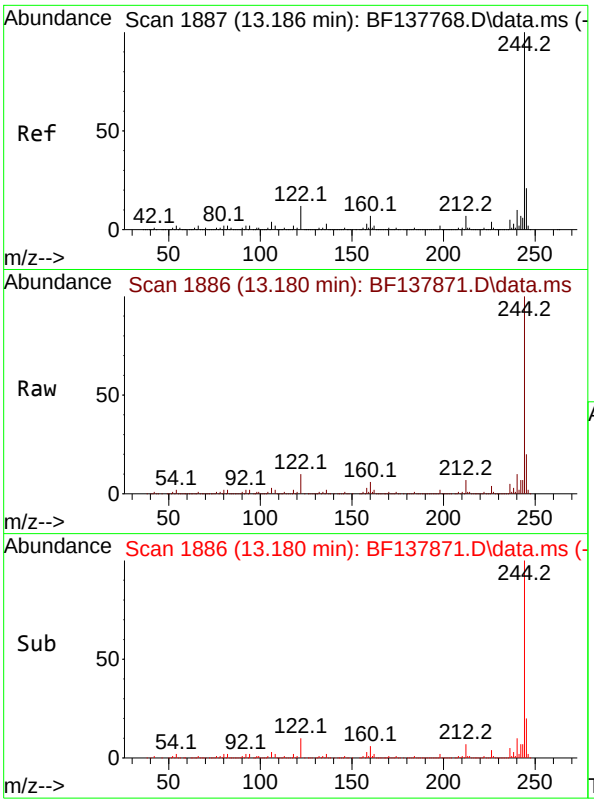


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:240 Resp: 346490

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.4	15.6
236	25.1	20.4	30.6



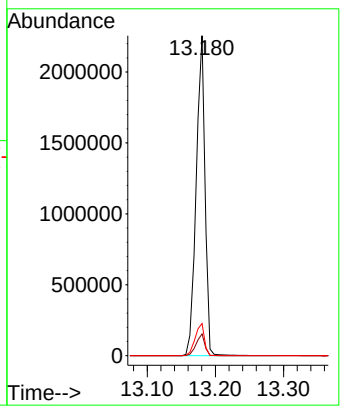


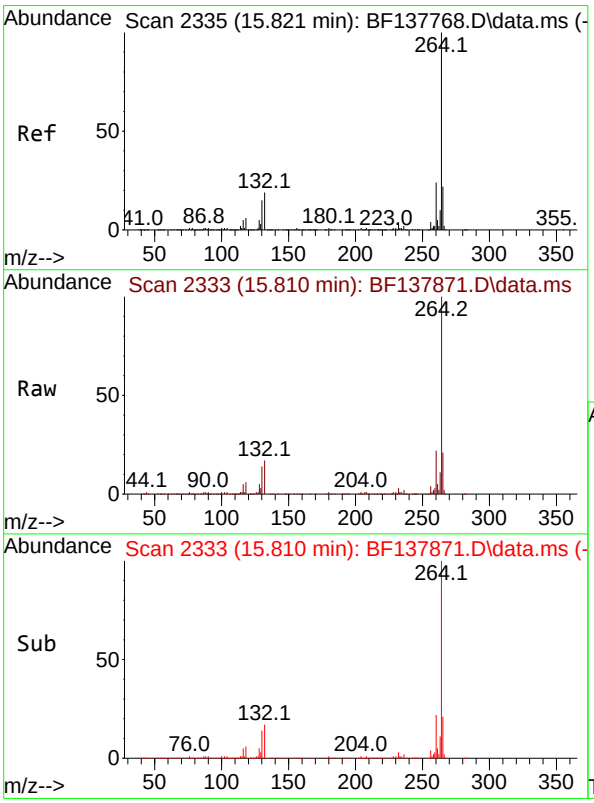
#79
Terphenyl-d14
Concen: 98.244 ng
RT: 13.180 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Instrument :
BNA_F
ClientSampleId :
WC-EE

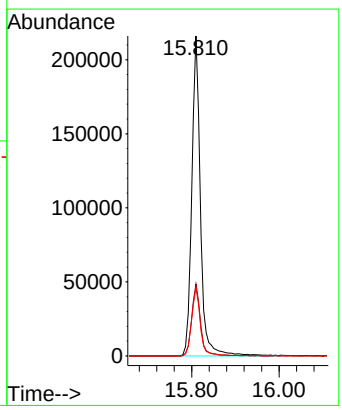
Tgt Ion:244 Resp: 2031218

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.0	9.4	14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.810 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137871.D
Acq: 09 May 2024 18:59

Tgt Ion:264 Resp: 298791

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	21.3	17.4	26.0