Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136915.D
Acq On : 03 Jan 2024 19:16
Operator : CG\JU
Sample : 05899-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Quant Time: Jan 04 03:41:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60705	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	238706	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	122895	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	221435	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	125084	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	142358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	372402	95.718	ng	0.00
7) Phenol-d6	6.428	99	464602	92.159	ng	-0.01
23) Nitrobenzene-d5	7.345	82	292125	62.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128628	88.871	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	604744	66.184	ng	-0.02
79) Terphenyl-d14	12.898	244	522476	58.372	ng	-0.02
Target Compounds						Qvalue
72) Anthracene	11.380	178	56240	4.888	ng	99

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

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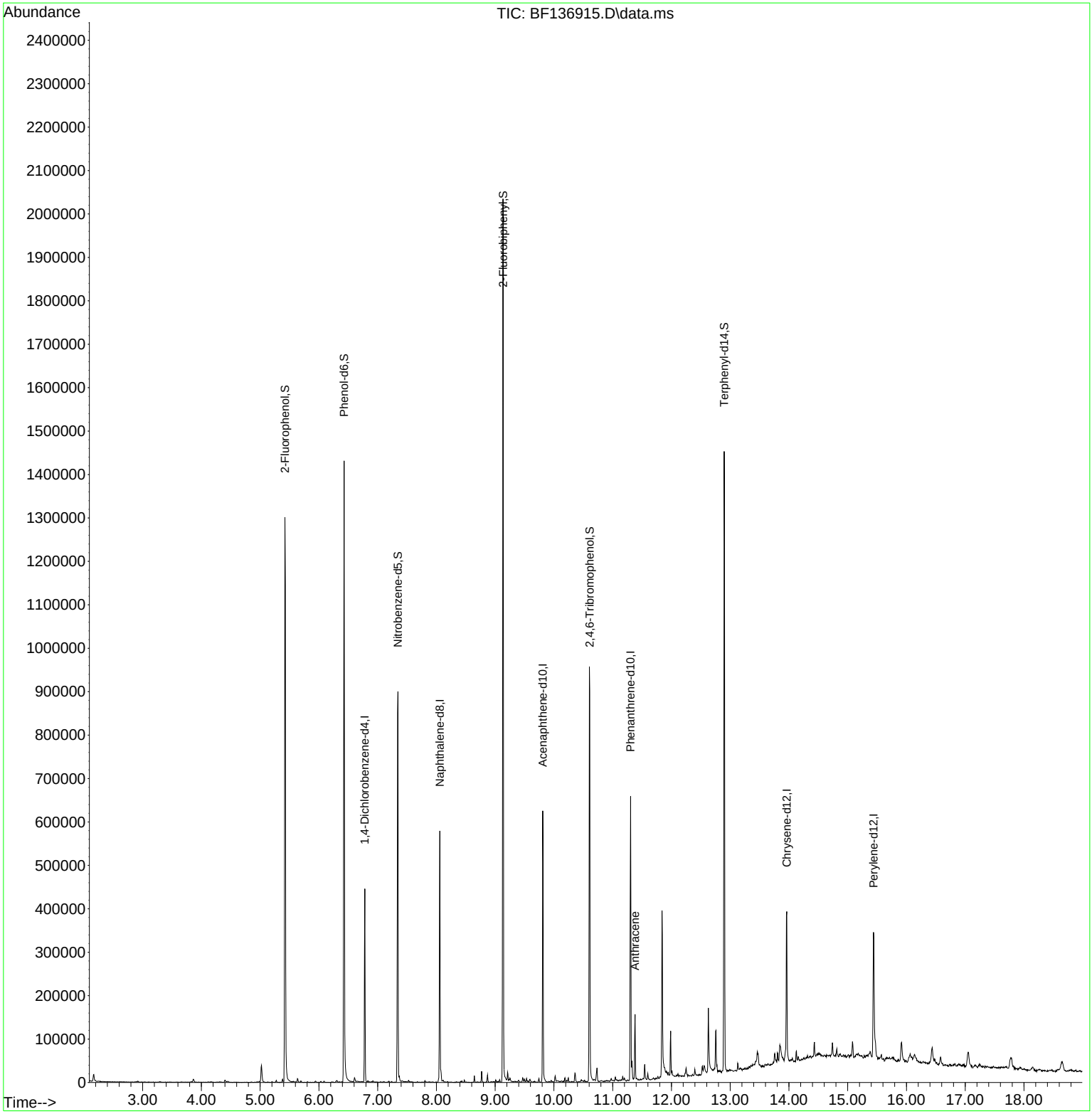
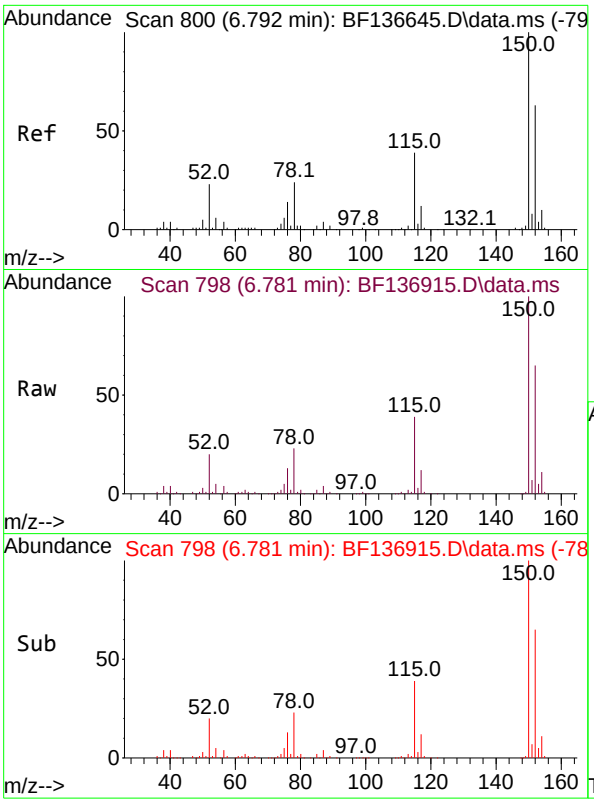


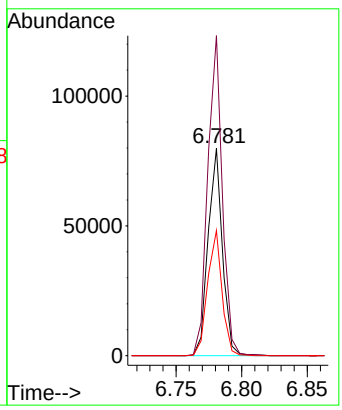


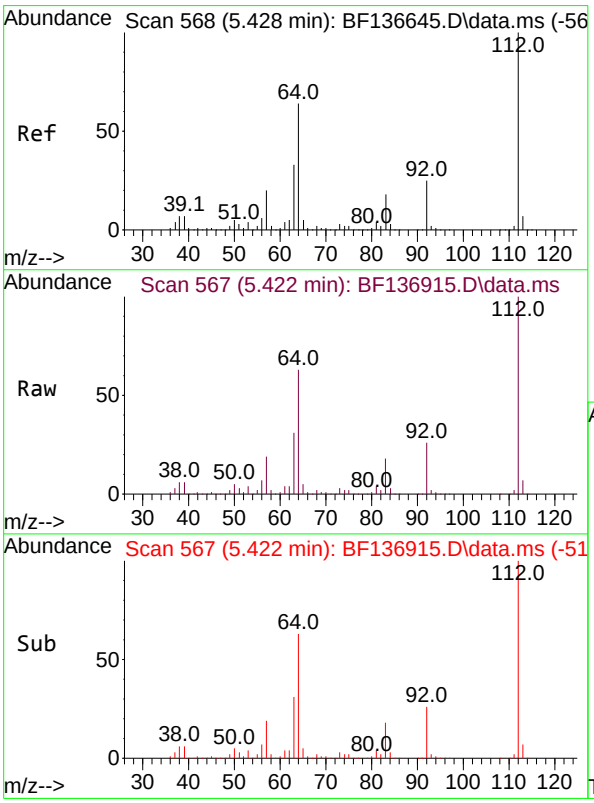
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:152 Resp: 60705

Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.0	190.6
115	60.4	49.0	73.4

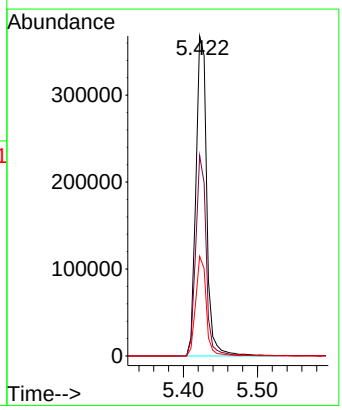


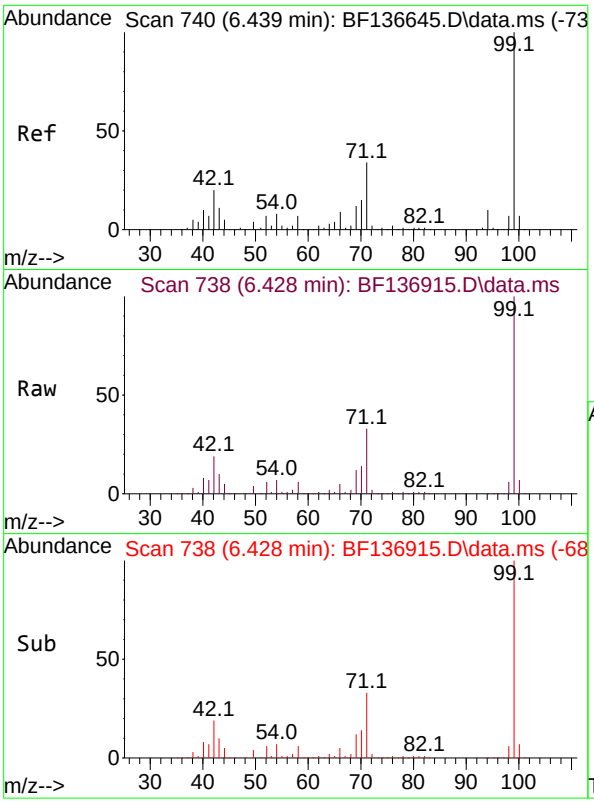


#5
2-Fluorophenol
Concen: 95.718 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:112 Resp: 372402

Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.1	76.7
63	31.2	26.1	39.1



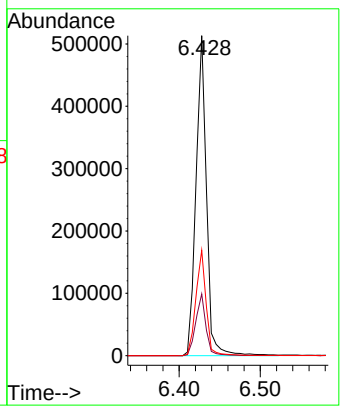


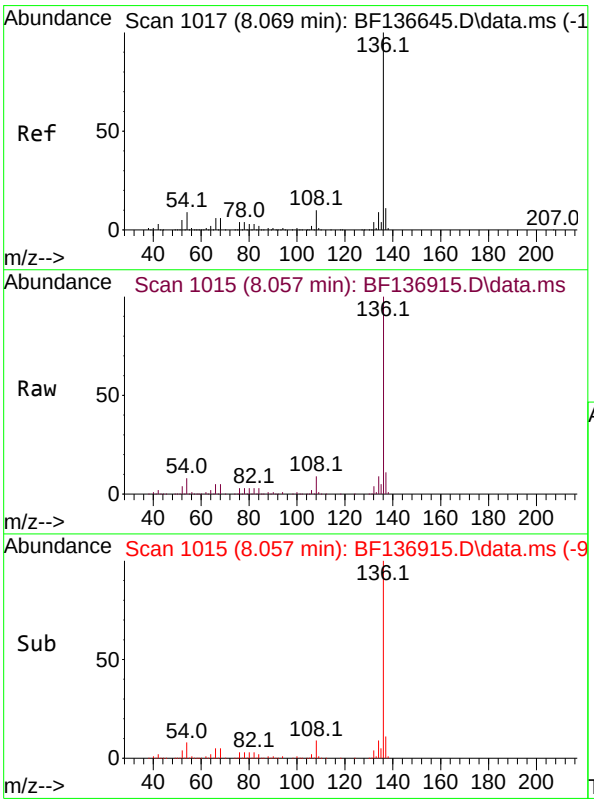
#7
Phenol-d6
Concen: 92.159 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion: 99 Resp: 464602

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.1	24.1
71	32.9	27.4	41.2

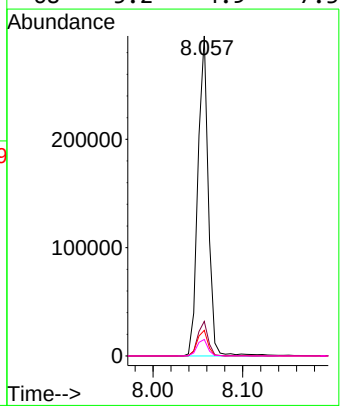


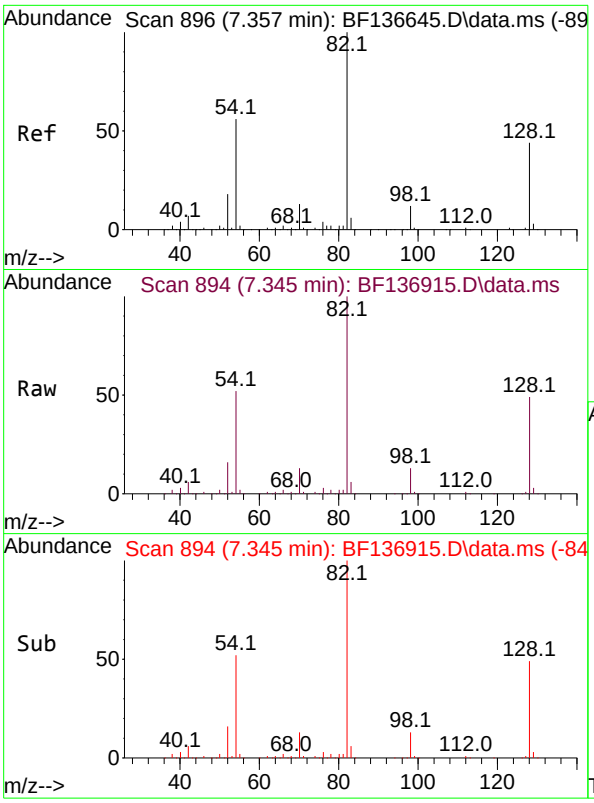


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:136 Resp: 238706

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.2	10.8
68	5.2	4.9	7.3



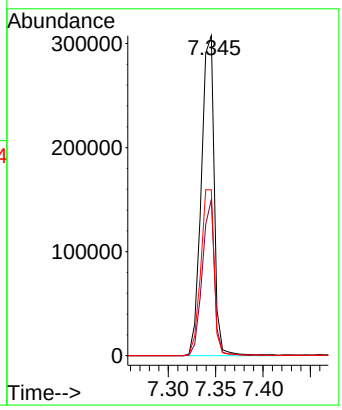


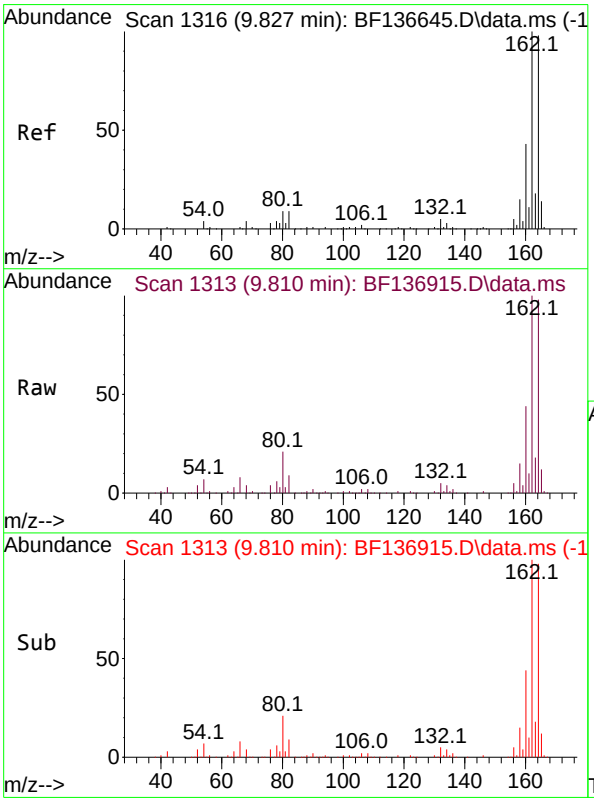
#23
Nitrobenzene-d5
Concen: 62.622 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion: 82 Resp: 292125

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.3	52.9
54	51.9	44.5	66.7

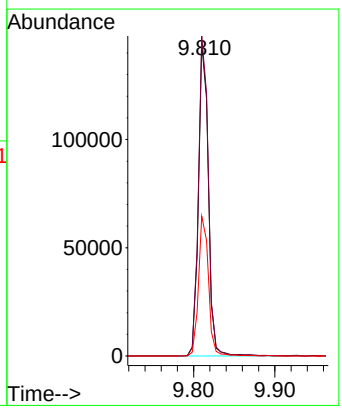


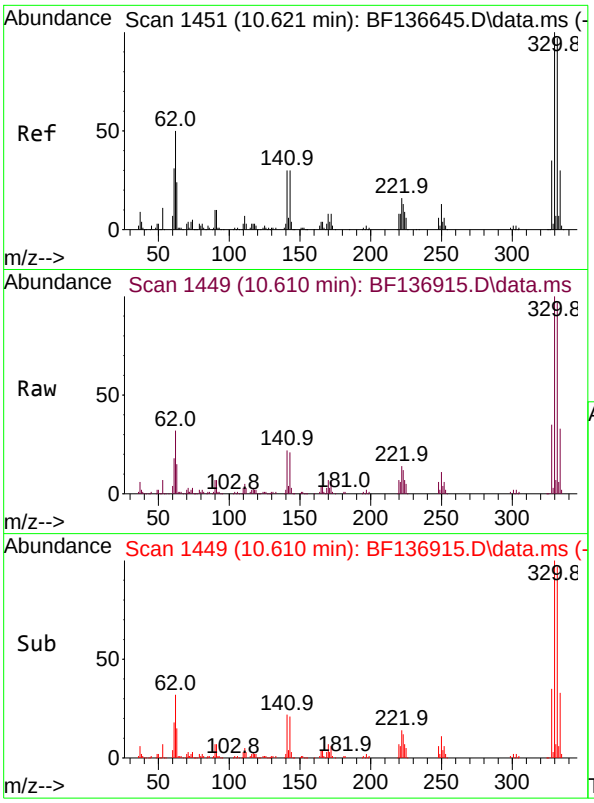


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:164 Resp: 122895

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	44.7	34.9	52.3



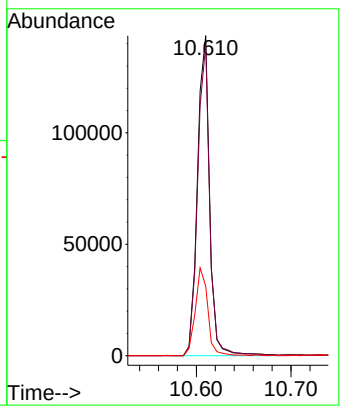


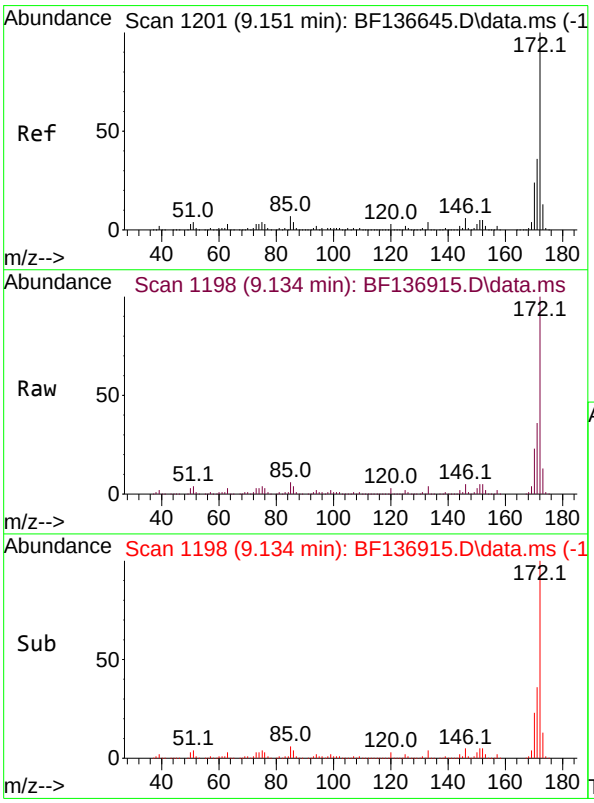
#42
2,4,6-Tribromophenol
Concen: 88.871 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:330 Resp: 128628

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	28.1	23.4	35.2

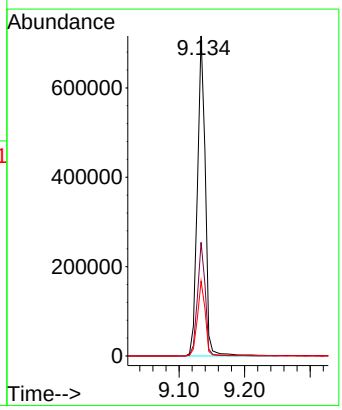


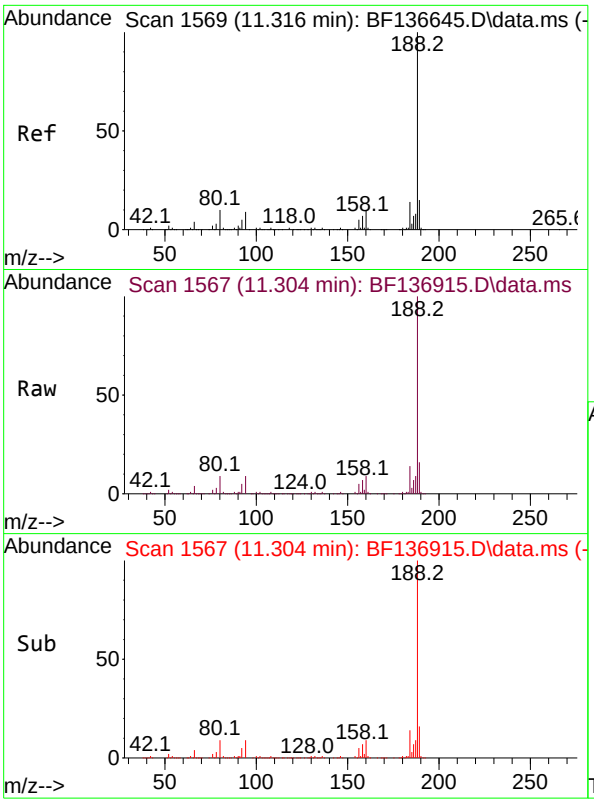


#45
2-Fluorobiphenyl
Concen: 66.184 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:172 Resp: 604744

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.4	19.0	28.4



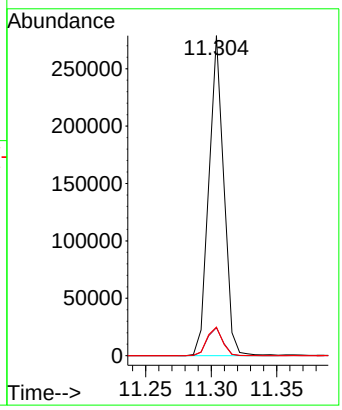


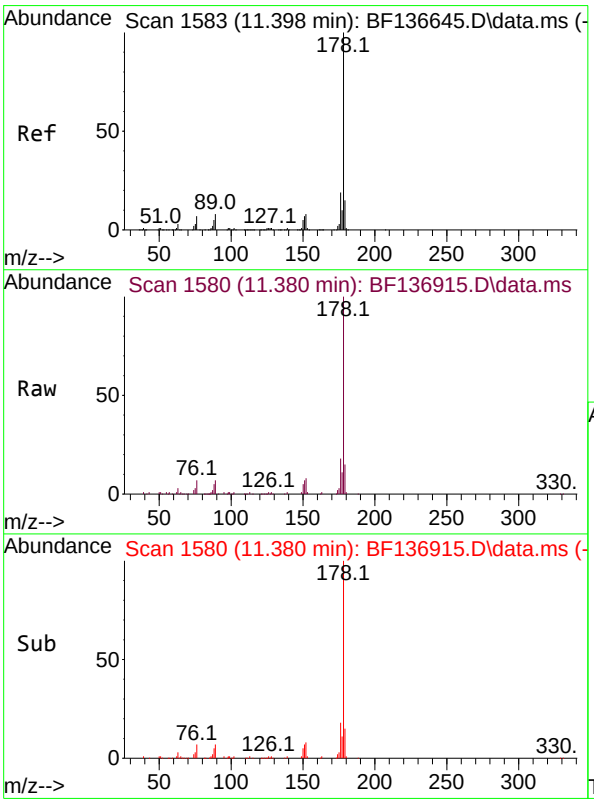
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:188 Resp: 221435

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.0	8.1	12.1

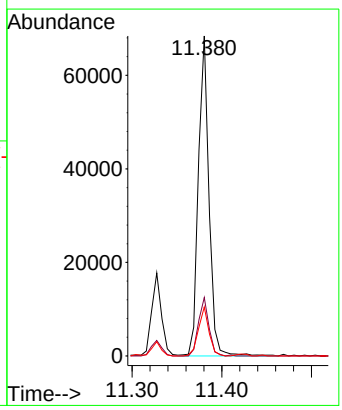


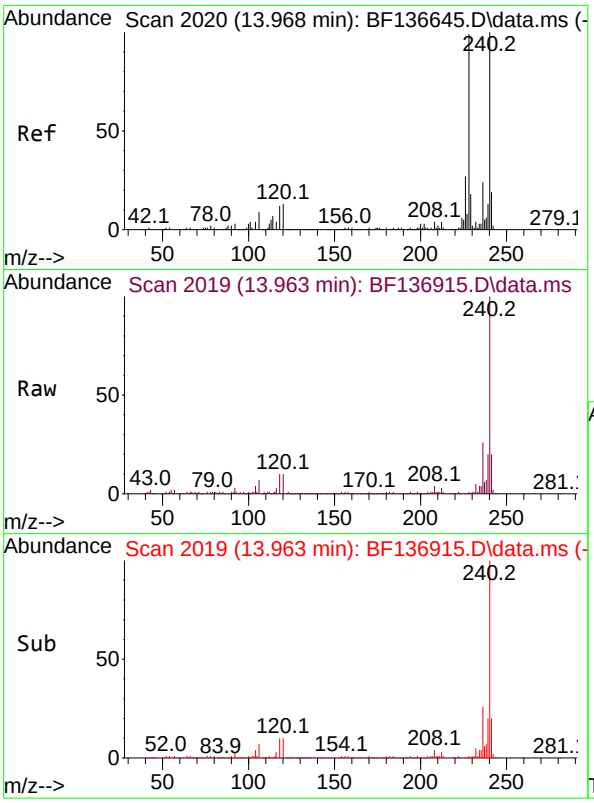


#72
Anthracene
Concen: 4.888 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:178 Resp: 56240

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.3	11.8	17.6



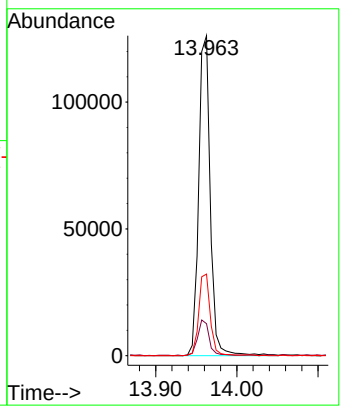


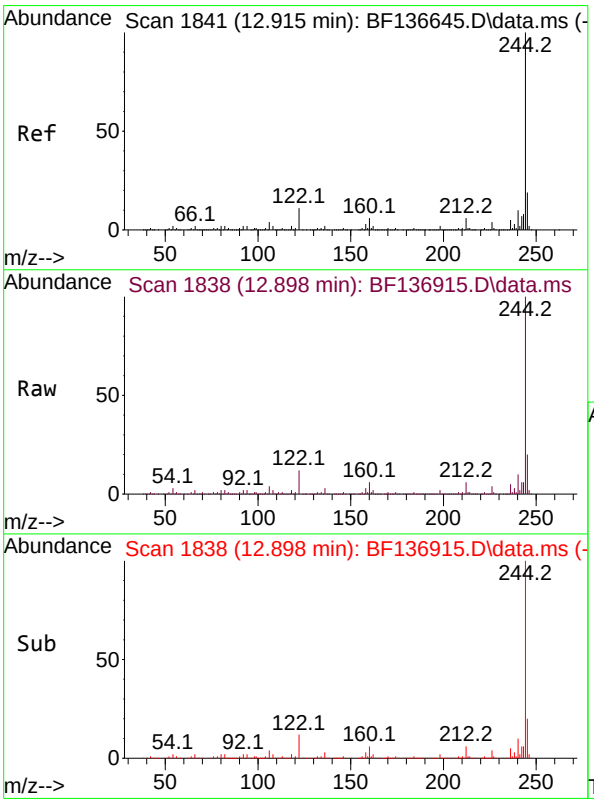
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:240 Resp: 125084

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.3	15.5#
236	25.5	19.4	29.2

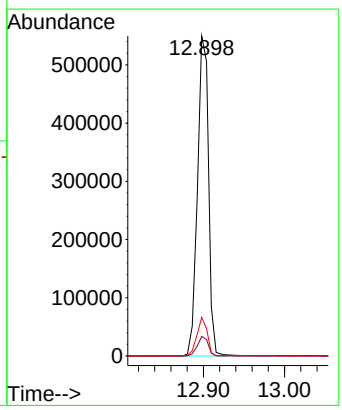


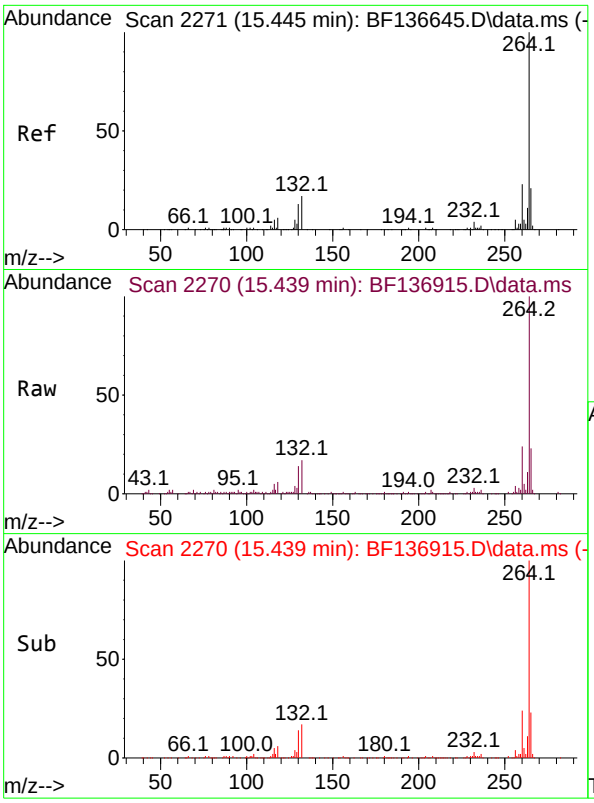


#79
Terphenyl-d14
Concen: 58.372 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:244 Resp: 522476

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	12.1	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:264 Resp: 142358

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.9	17.0	25.6