Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132841.D
Acq On : 18 Mar 2023 01:14
Operator : CG\JU
Sample : 01962-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Quant Time: Mar 18 03:09:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	184738	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	737008	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	405451	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	787566	20.000	ng	0.00
76) Chrysene-d12	14.145	240	545895	20.000	ng	0.00
86) Perylene-d12	15.668	264	482944	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	827847	75.616	ng	0.01
7) Phenol-d6	6.592	99	1188519	83.638	ng	0.00
23) Nitrobenzene-d5	7.522	82	816520	56.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	266282	61.781	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1480181	59.970	ng	0.00
79) Terphenyl-d14	13.080	244	1810063	59.873	ng	0.00
Target Compounds						Qvalue

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

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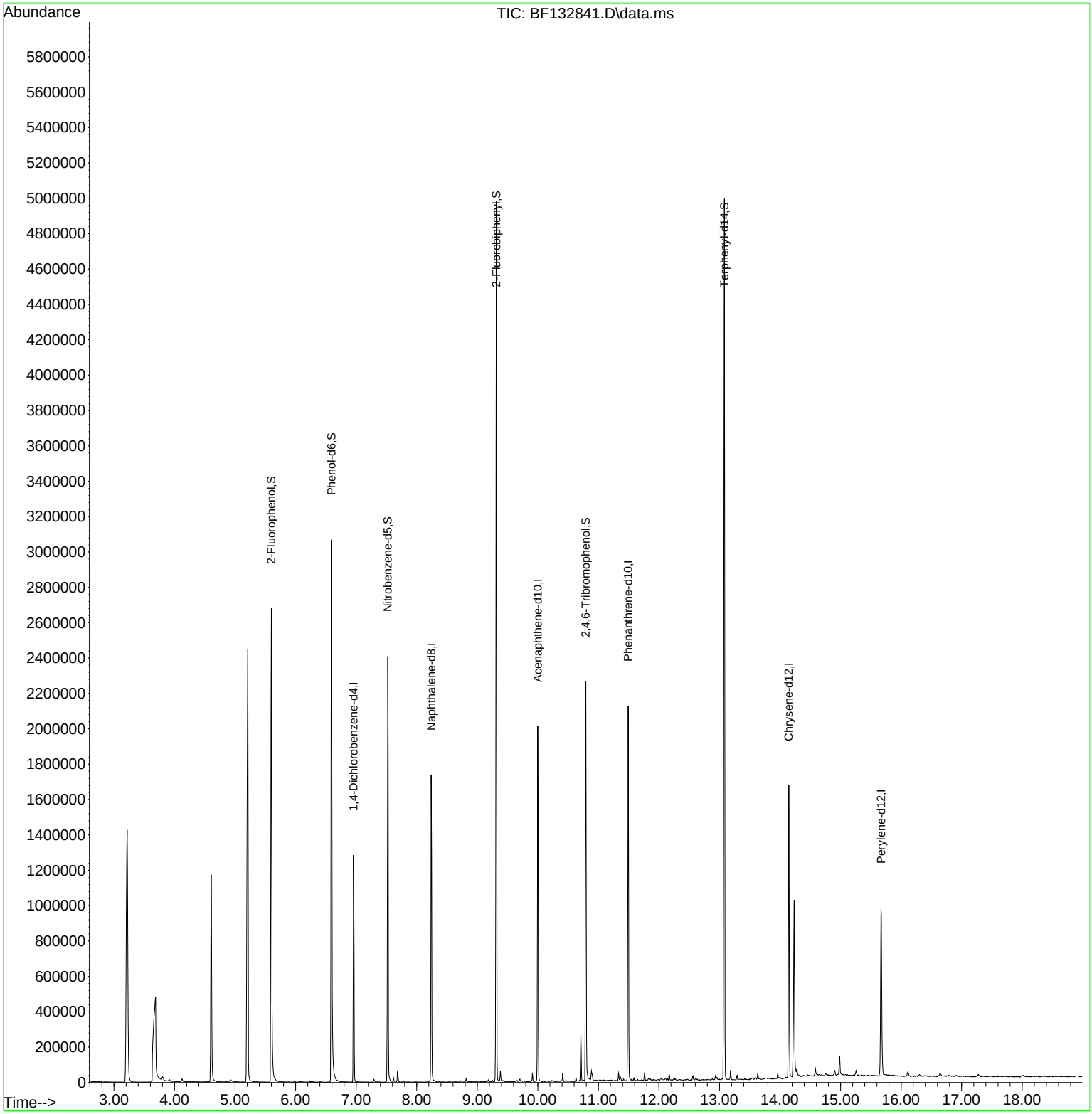
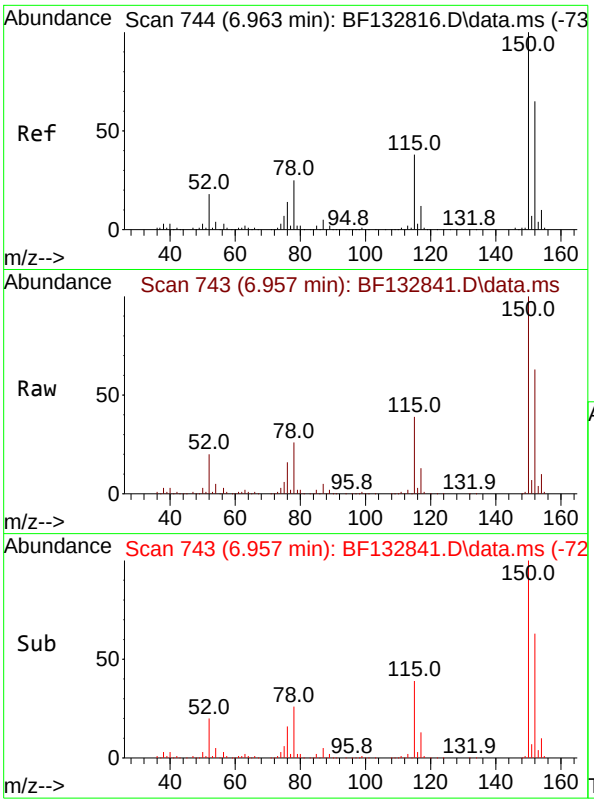


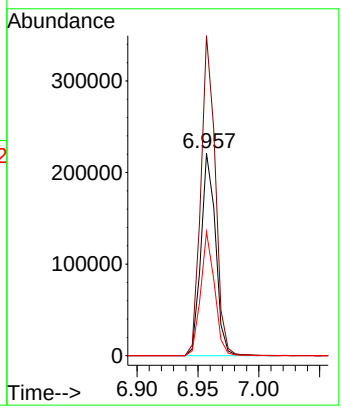


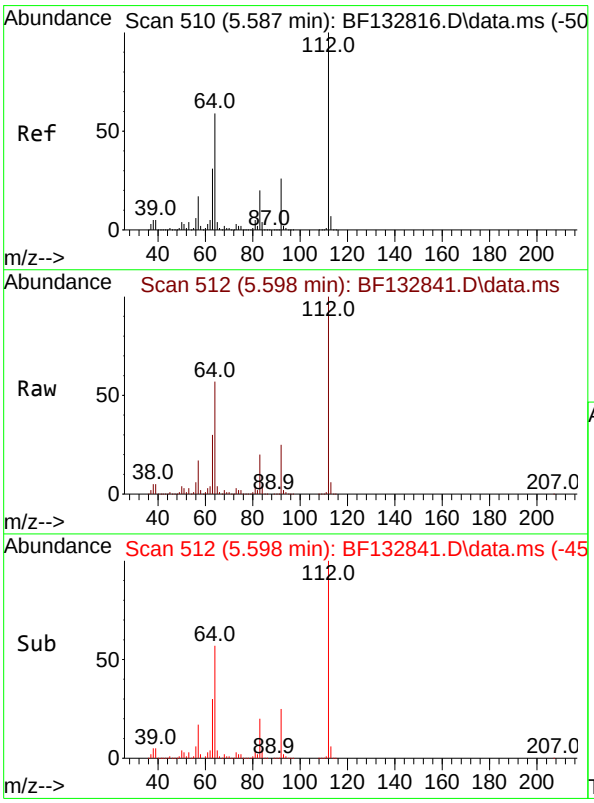
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion:152 Resp: 184738

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	61.2	46.2	69.4

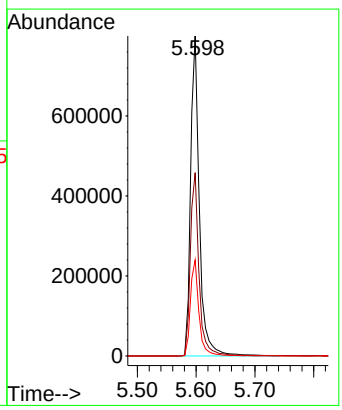


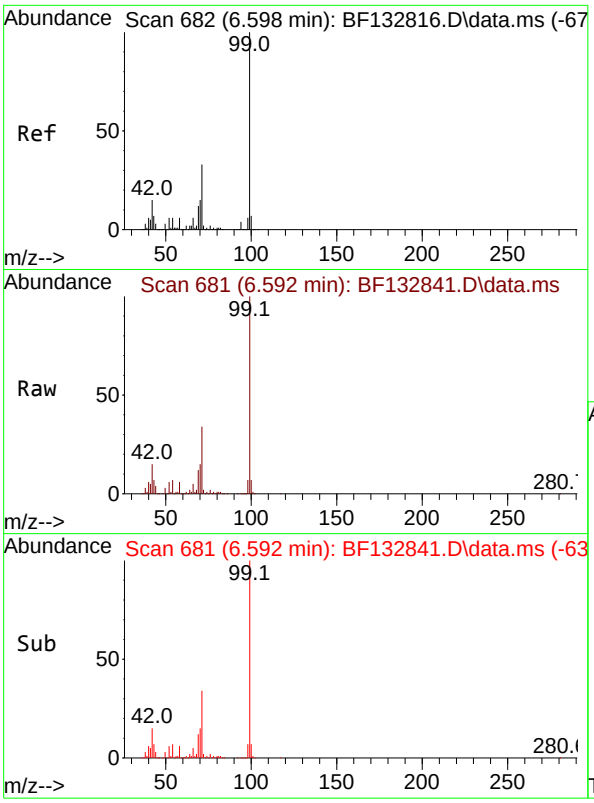


#5
2-Fluorophenol
Concen: 75.616 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.012 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:112 Resp: 827847

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.1	70.7
63	30.0	24.4	36.6



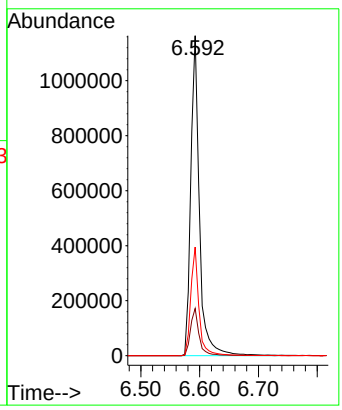


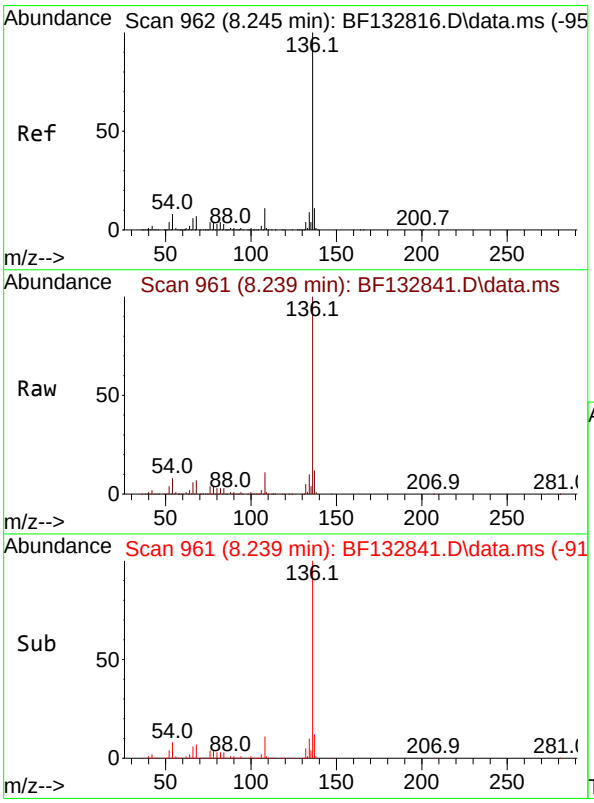
#7
Phenol-d6
Concen: 83.638 ng
RT: 6.592 min Scan# 6
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion: 99 Resp: 1188519

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.9	17.9
71	33.9	26.3	39.5

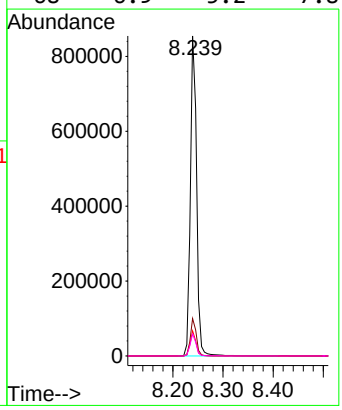


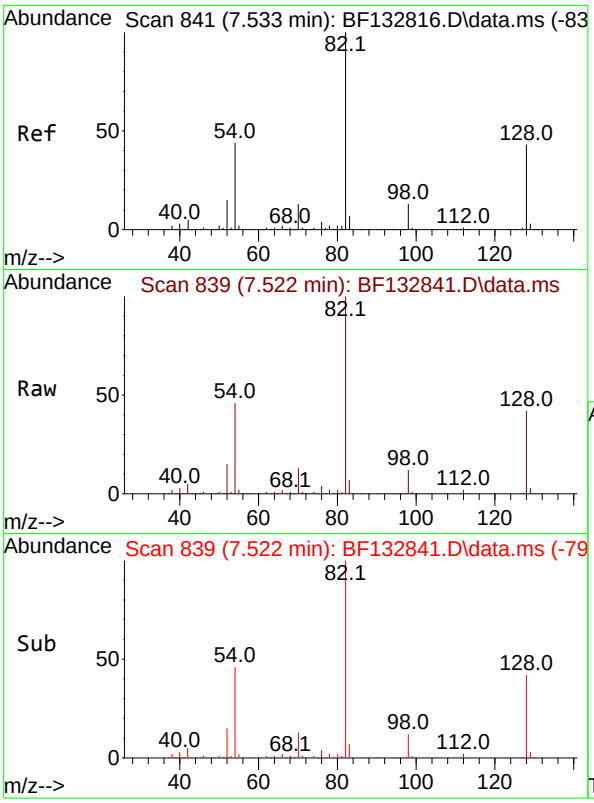


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:136 Resp: 737008

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	7.8	6.1	9.1
68	6.9	5.2	7.8



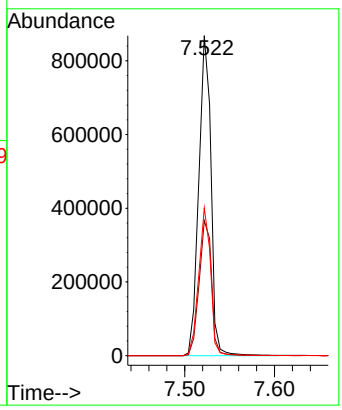


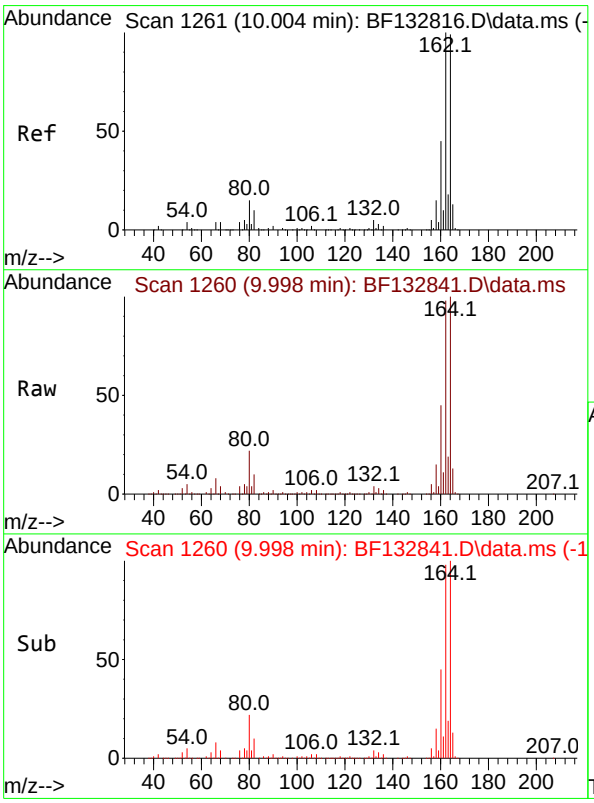
#23
Nitrobenzene-d5
Concen: 56.696 ng
RT: 7.522 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion: 82 Resp: 816520

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.4	51.6
54	46.2	35.2	52.8

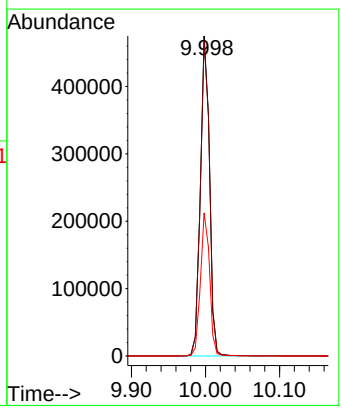


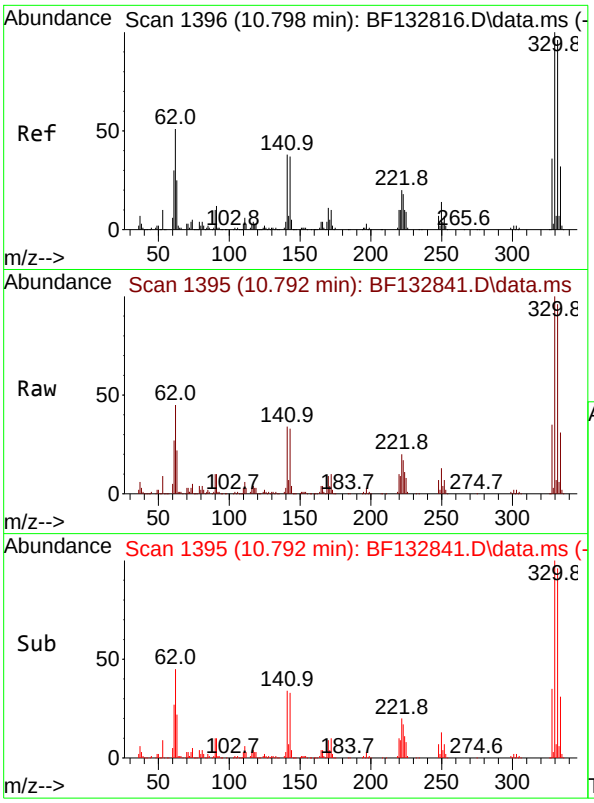


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:164 Resp: 405451

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	121.0
160	44.7	36.2	54.4



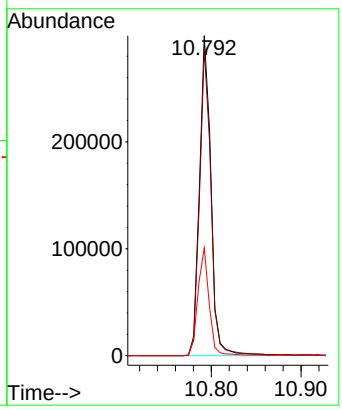


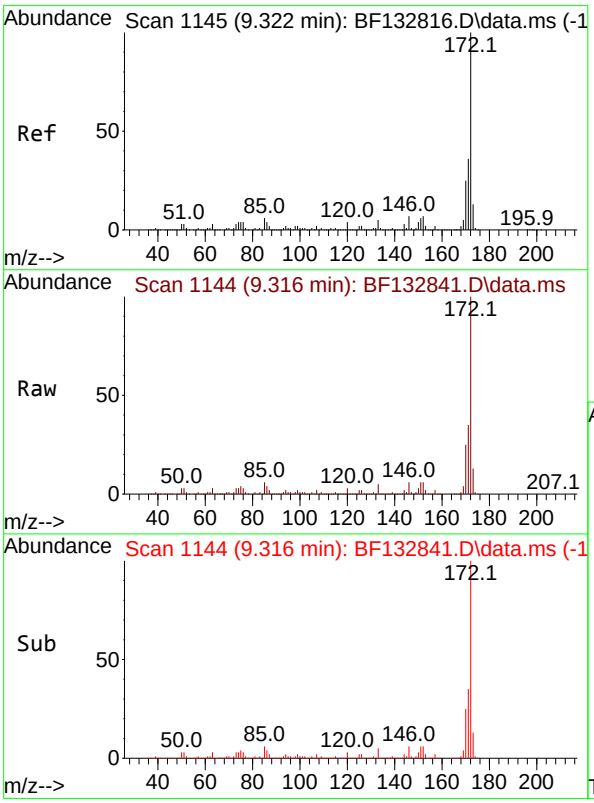
#42
2,4,6-Tribromophenol
Concen: 61.781 ng
RT: 10.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion:330 Resp: 266282

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.9	26.7	40.1

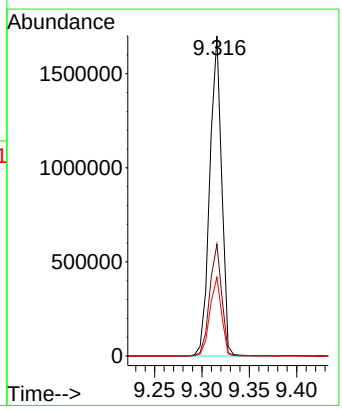


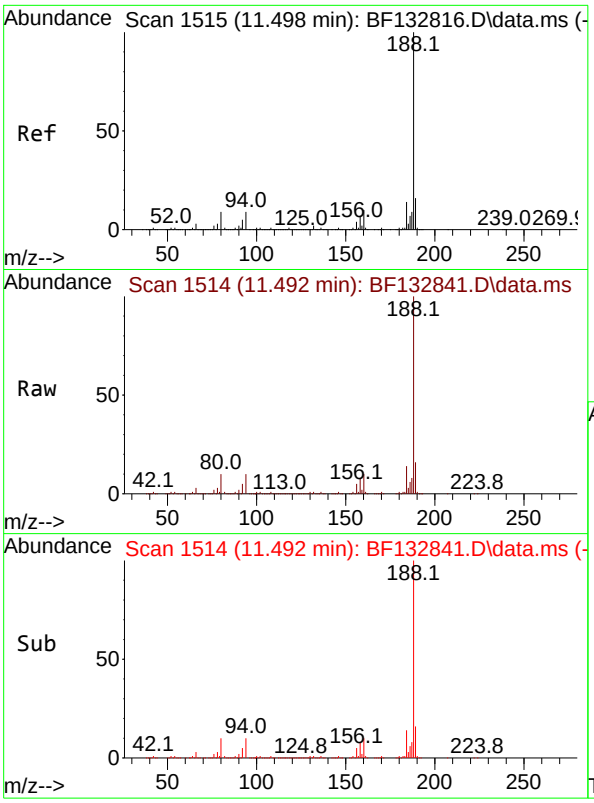


#45
2-Fluorobiphenyl
Concen: 59.970 ng
RT: 9.316 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:172 Resp: 1480181

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	24.6	19.8	29.8



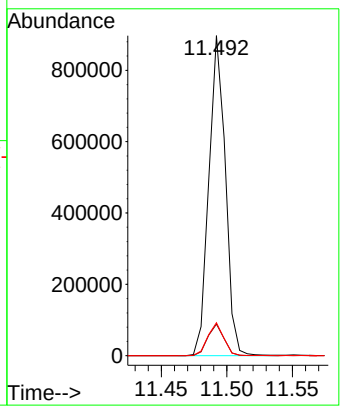


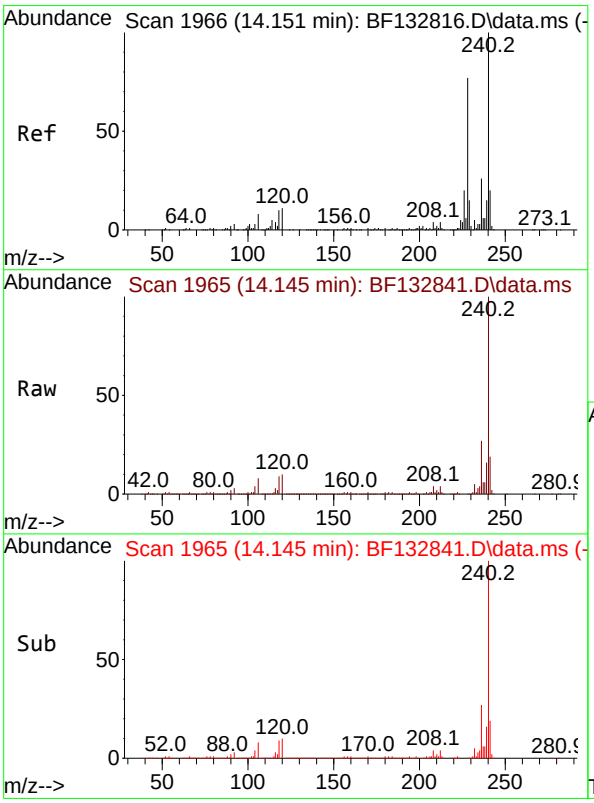
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion:188 Resp: 787566

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.3	7.5	11.3

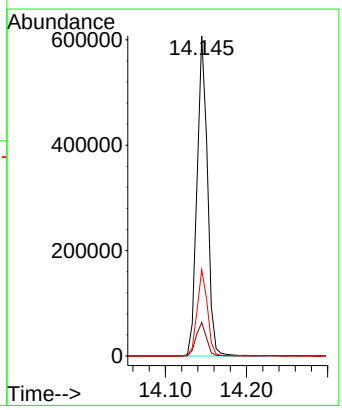


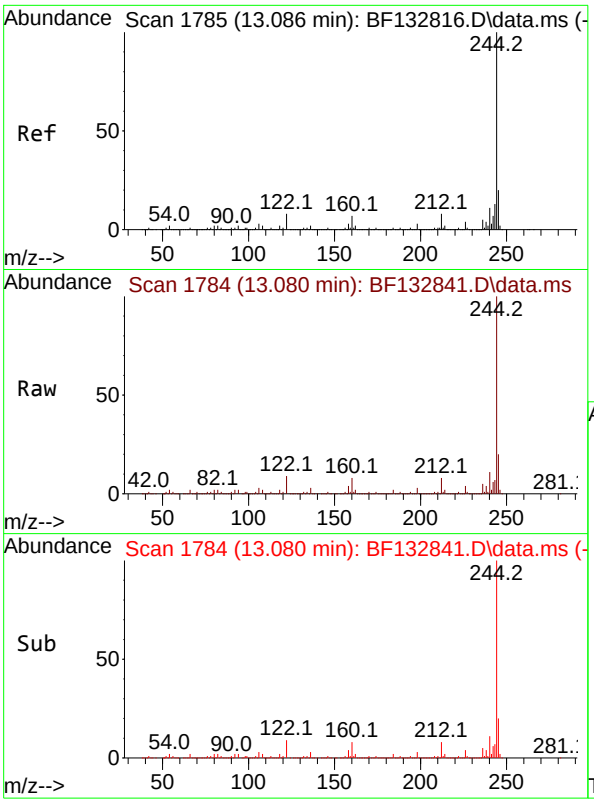


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:240 Resp: 545895

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.1	13.7
236	27.0	21.2	31.8



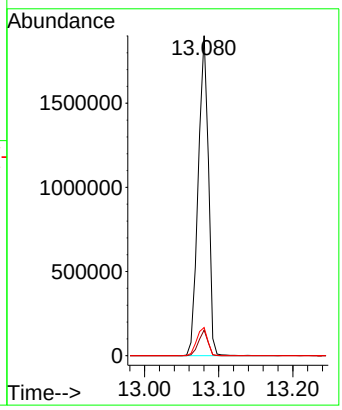


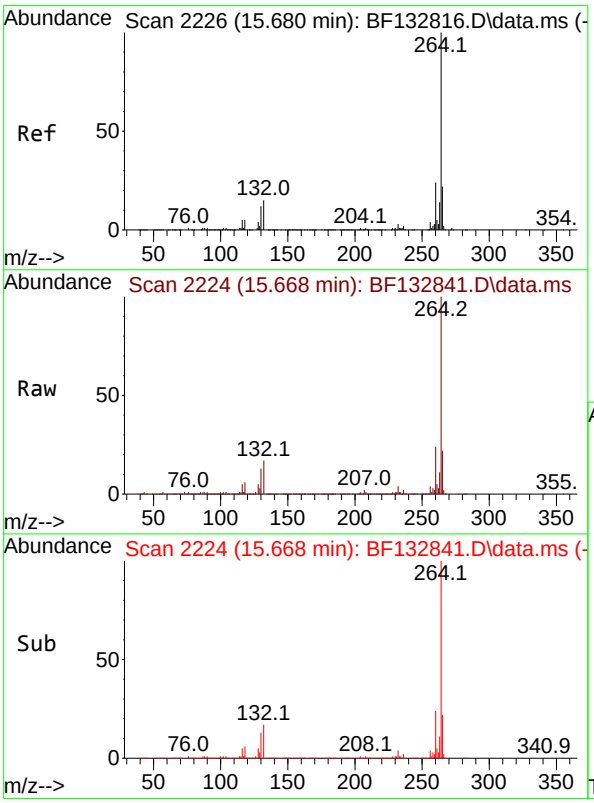
#79
Terphenyl-d14
Concen: 59.873 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Instrument :
BNA_F
ClientSampleId :
FEEDER-CONCRETE-PAD

Tgt Ion:244 Resp: 1810063

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.8	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2224
Delta R.T. -0.012 min
Lab File: BF132841.D
Acq: 18 Mar 2023 01:14

Tgt Ion:264 Resp: 482944

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.4	26.0