Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010325\
Data File : BM049333.D
Acq On : 03 Jan 2025 17:48
Operator : RC/JU
Sample : PB165929BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Quant Time: Jan 03 18:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 17:24:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	209743	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	728300	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	450977	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	864959	20.000	ng	0.00
76) Chrysene-d12	21.144	240	671748	20.000	ng	0.00
86) Perylene-d12	23.927	264	639714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	1978200	148.455	ng	0.00
7) Phenol-d6	6.722	99	2419486	141.566	ng	0.00
23) Nitrobenzene-d5	8.669	82	1435841	93.630	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	872841	144.723	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	3333141	96.054	ng	0.00
79) Terphenyl-d14	19.568	244	4727380	116.557	ng	0.00
Target Compounds						Qvalue

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

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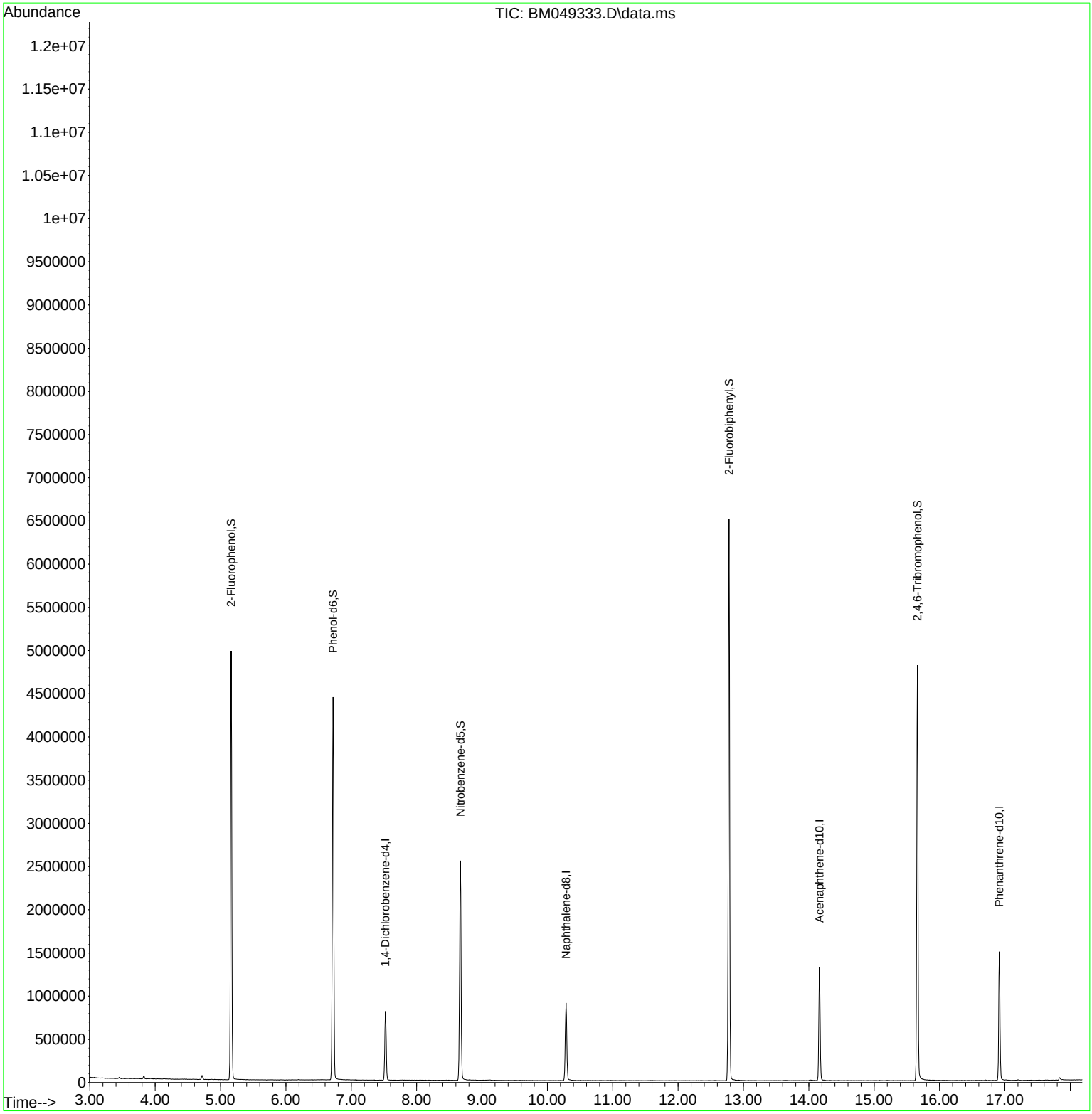

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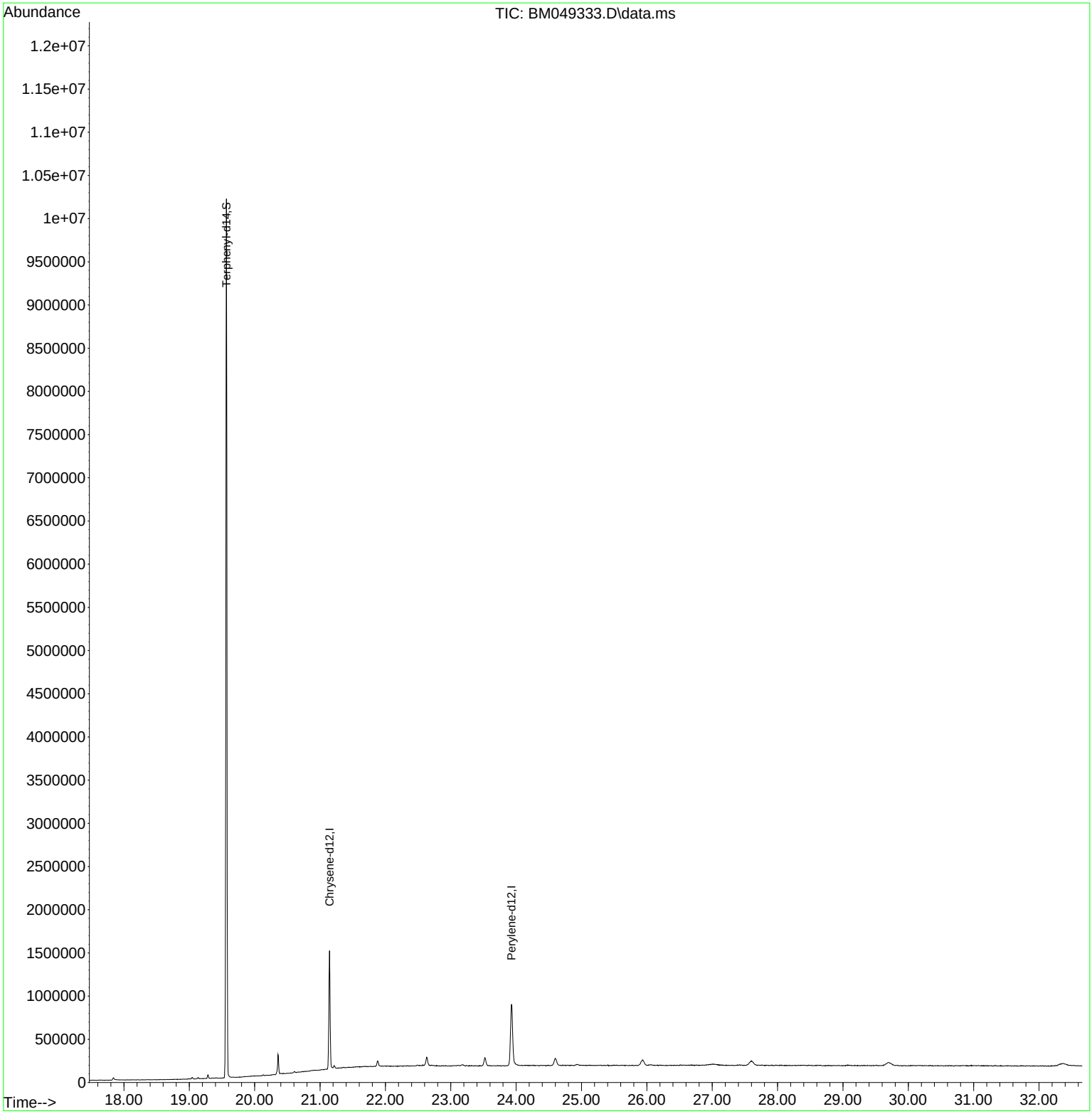
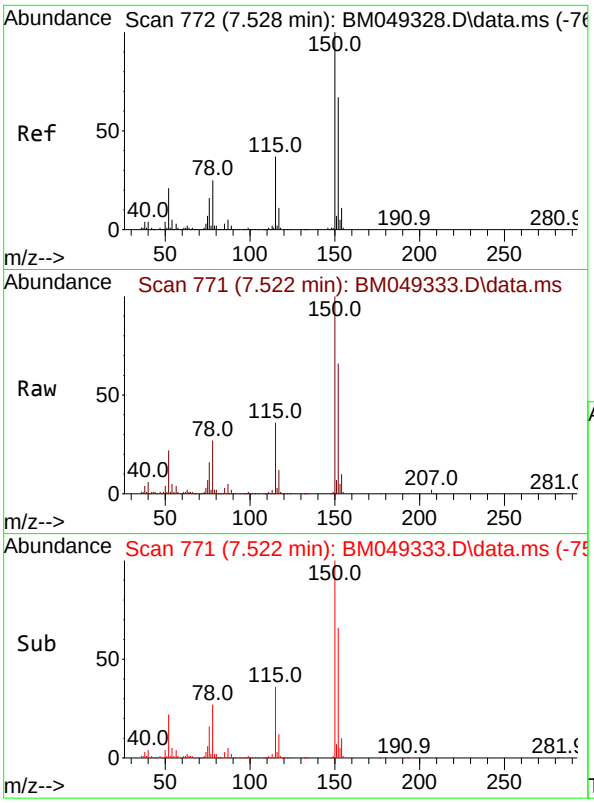


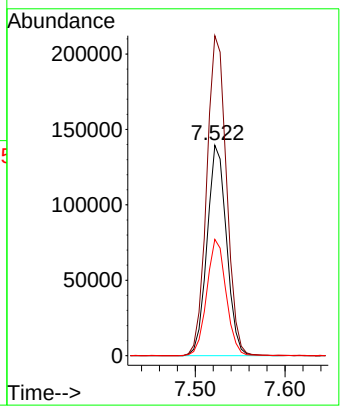


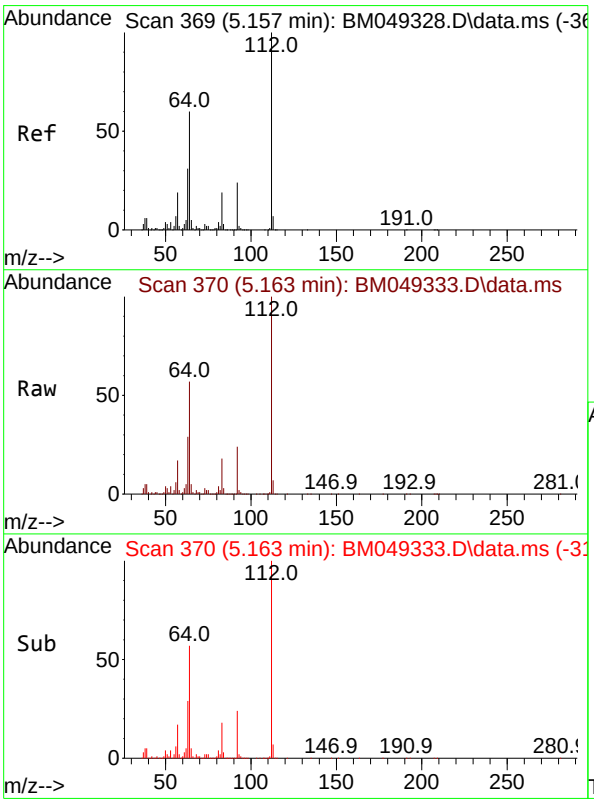
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion:152 Resp: 209743

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.0	178.4
115	55.3	43.8	65.6

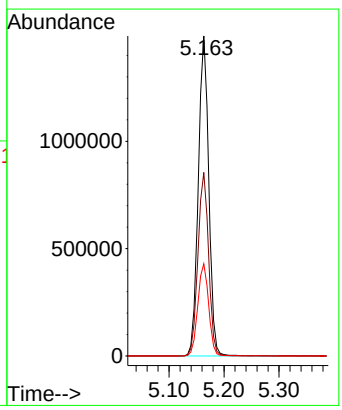


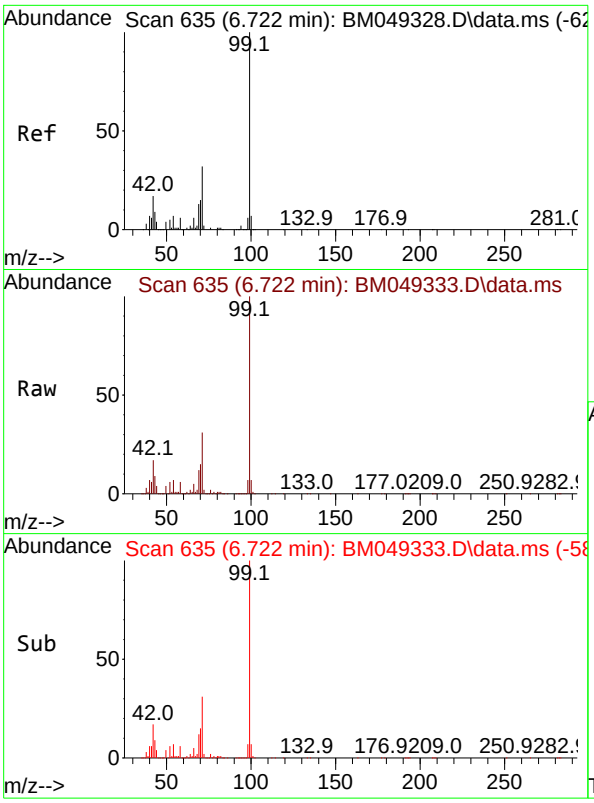


#5
2-Fluorophenol
Concen: 148.455 ng
RT: 5.163 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:112 Resp: 1978200

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.7	71.5
63	28.8	25.0	37.4



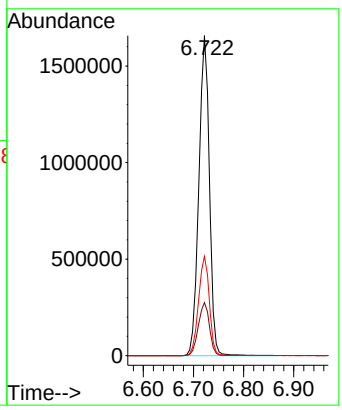


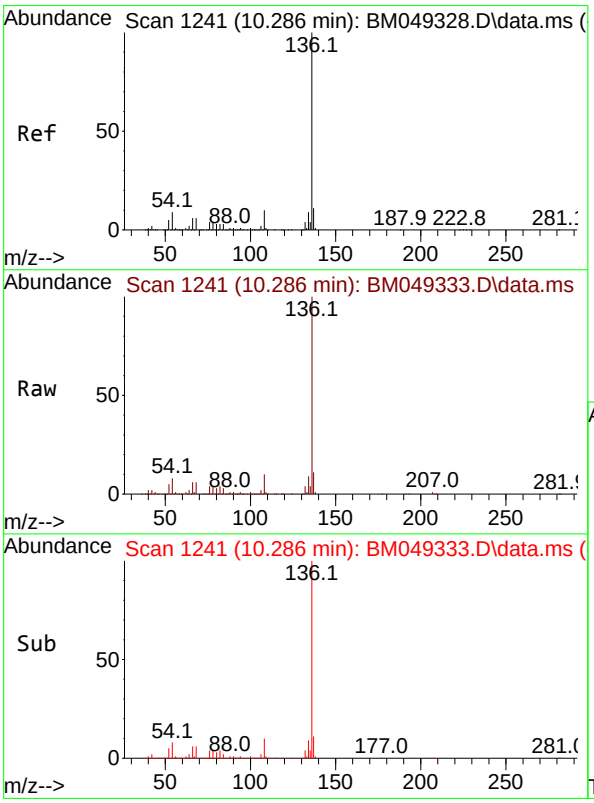
#7
Phenol-d6
Concen: 141.566 ng
RT: 6.722 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion: 99 Resp: 2419486

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.0	21.0
71	31.0	25.8	38.6

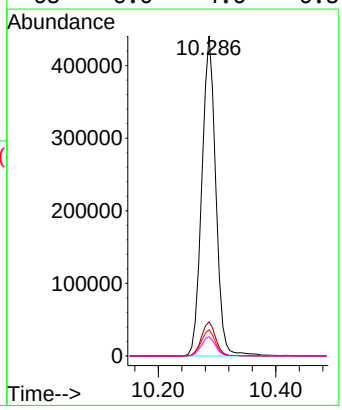


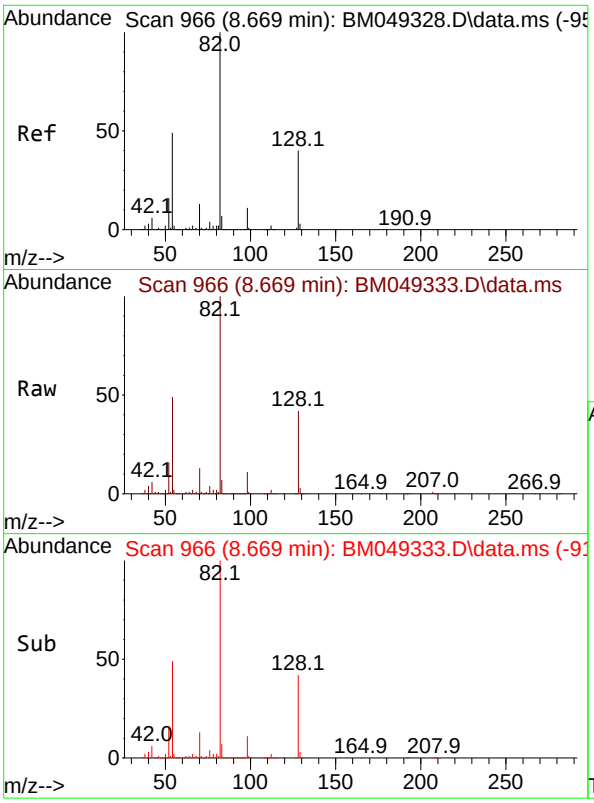


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.286 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:136 Resp: 728300

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.8	10.2
68	6.0	4.6	6.8



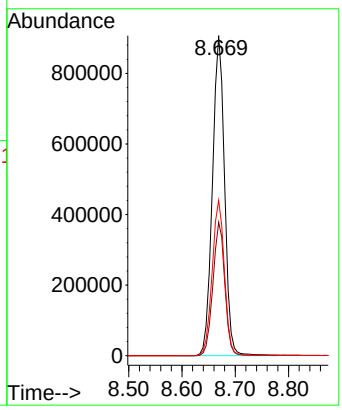


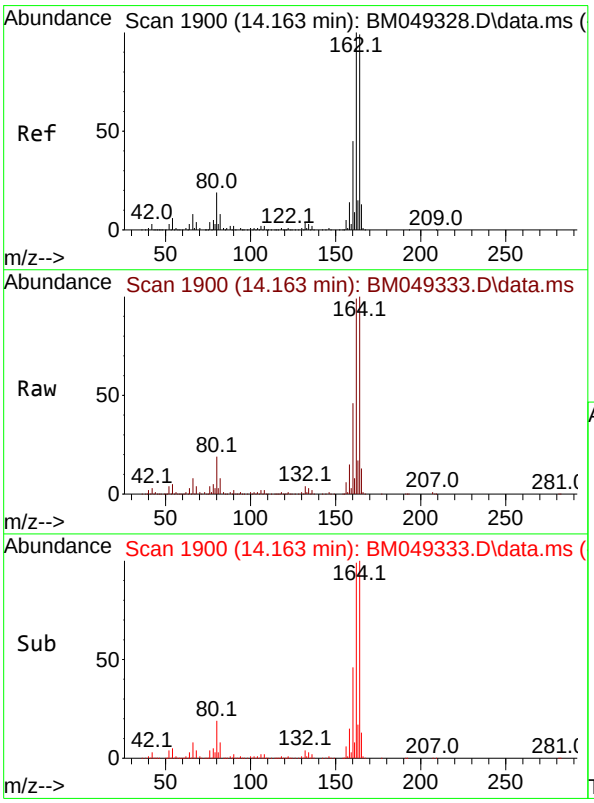
#23
Nitrobenzene-d5
Concen: 93.630 ng
RT: 8.669 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion: 82 Resp: 1435841

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.1	48.1
54	48.6	39.2	58.8

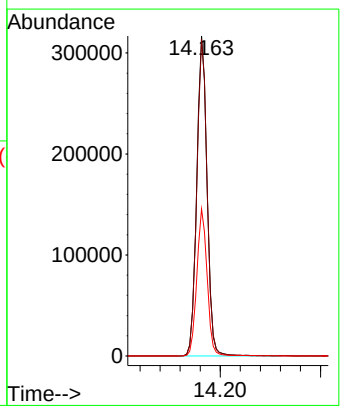


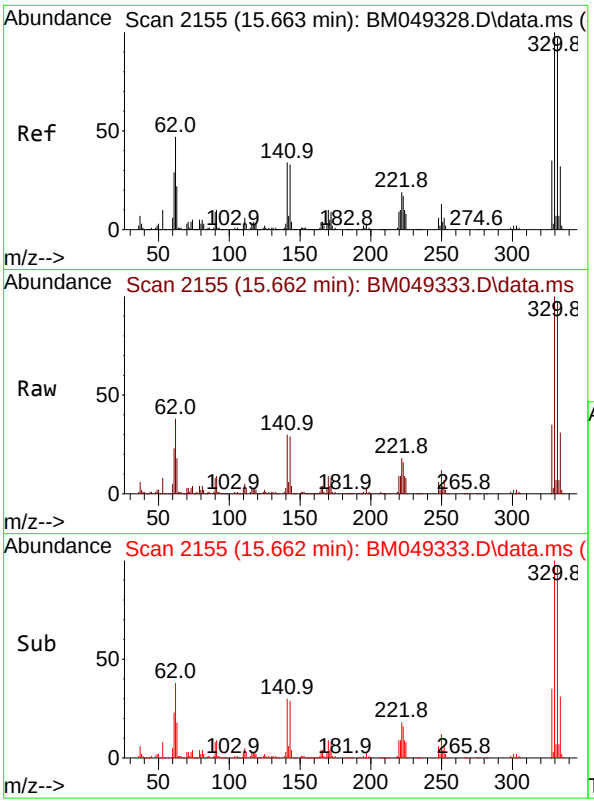


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:164 Resp: 450977

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.5	120.7
160	45.9	36.0	54.0



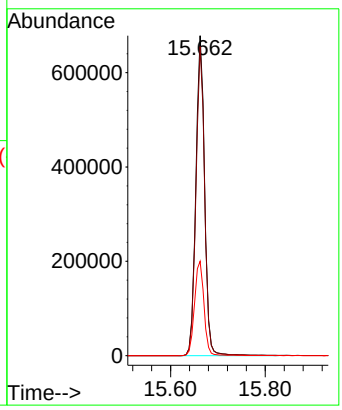


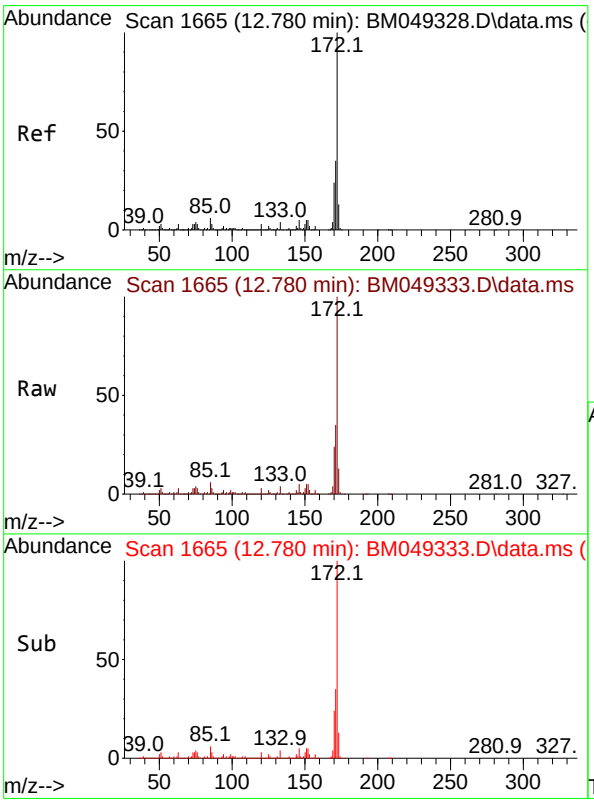
#42
2,4,6-Tribromophenol
Concen: 144.723 ng
RT: 15.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion:330 Resp: 872841

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	31.7	27.6	41.4

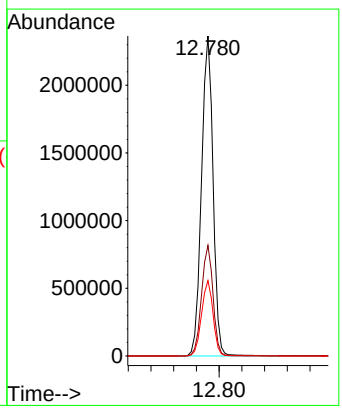


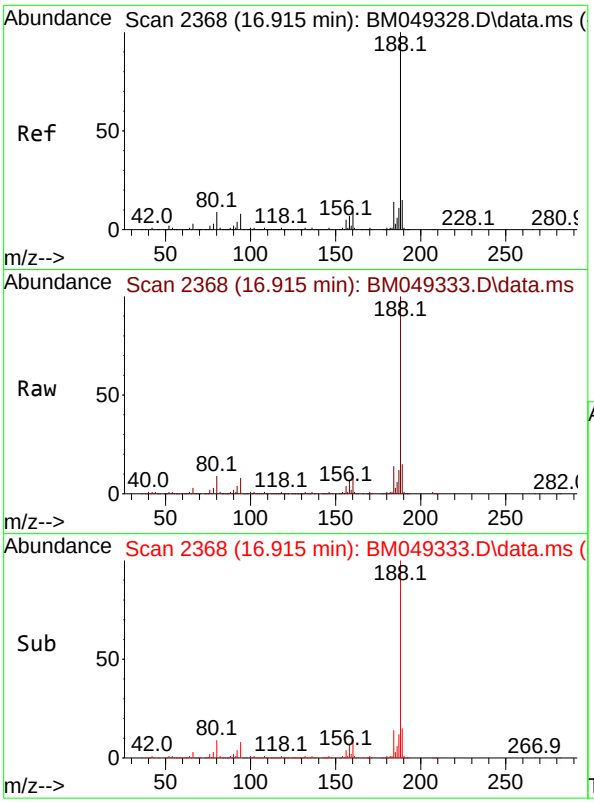


#45
2-Fluorobiphenyl
Concen: 96.054 ng
RT: 12.780 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:172 Resp: 3333141

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.5	19.0	28.6



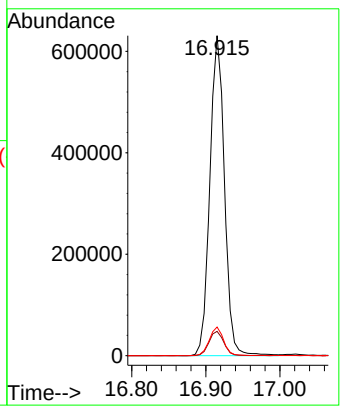


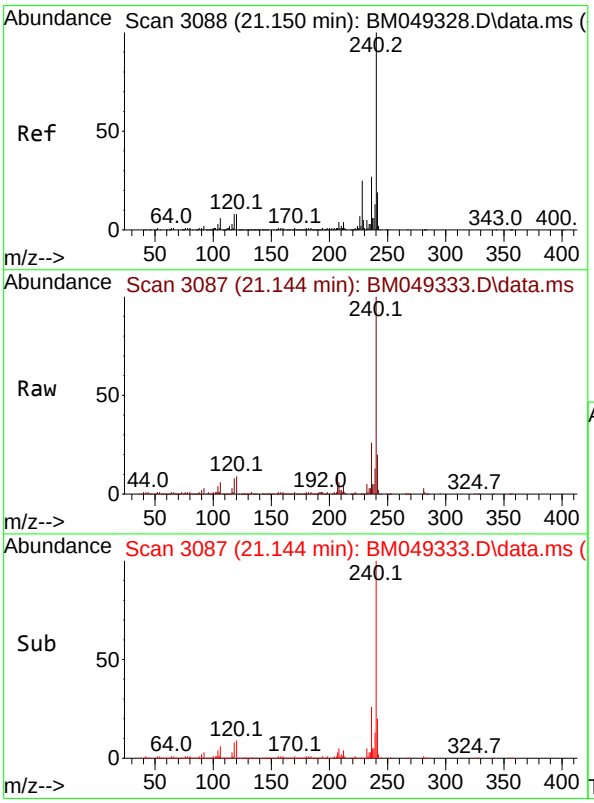
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion:188 Resp: 864959

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.1	9.1
80	8.9	7.0	10.6

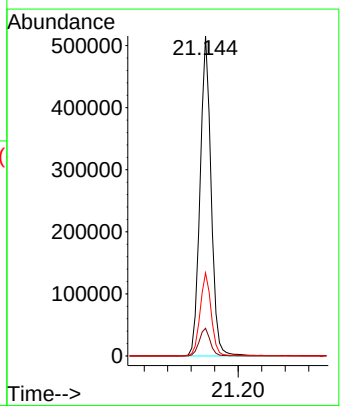


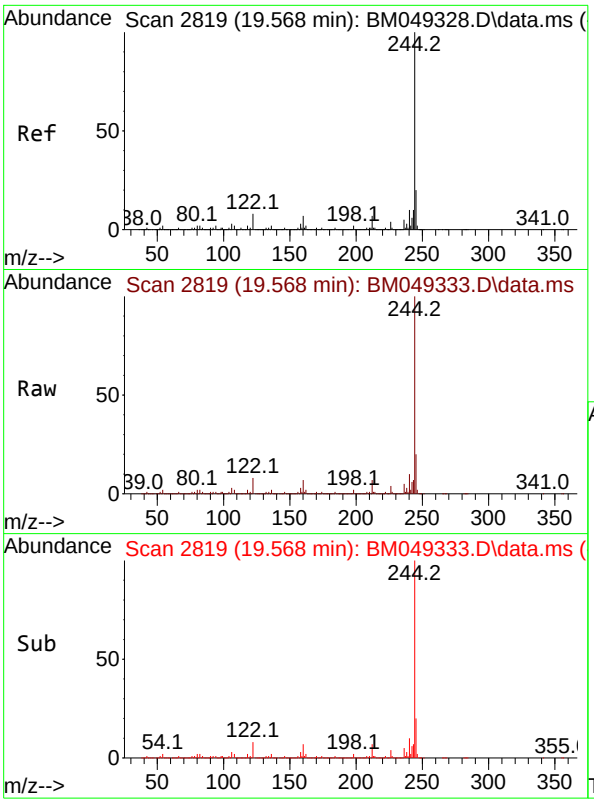


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.144 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:240 Resp: 671748

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.6	9.8
236	26.0	21.2	31.8



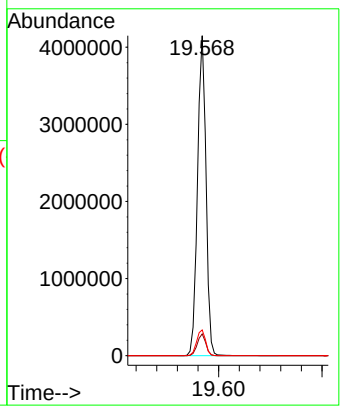


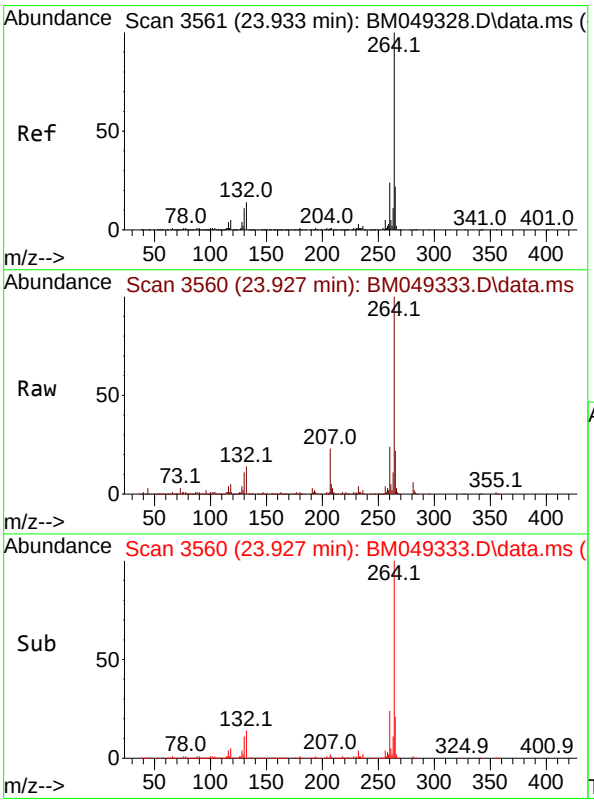
#79
Terphenyl-d14
Concen: 116.557 ng
RT: 19.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

Tgt Ion:244 Resp: 4727380

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	8.1	6.6	10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3560
Delta R.T. -0.006 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:264 Resp: 639714

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.6	17.5	26.3